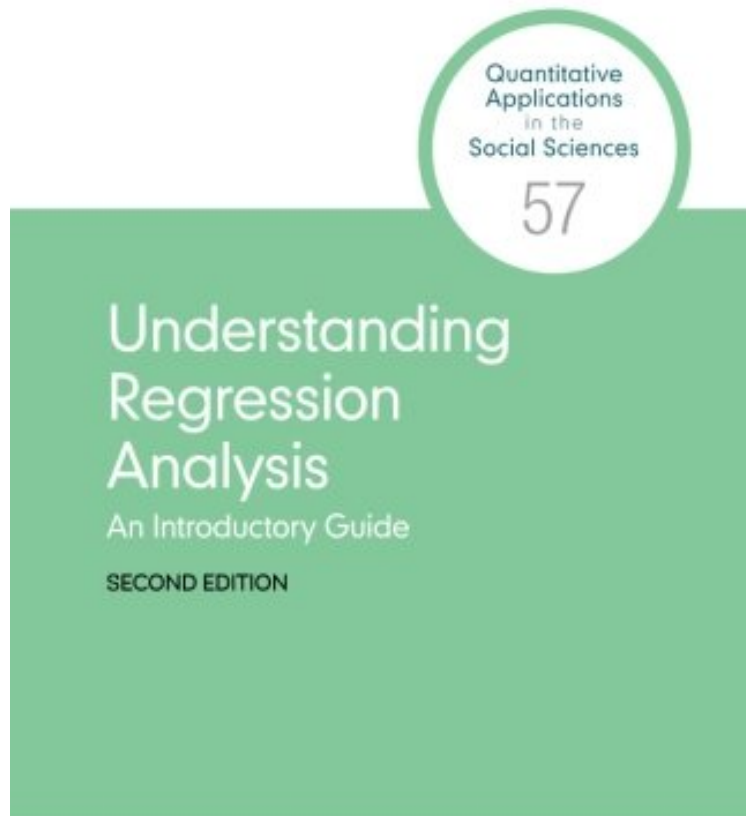


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Understanding Regression Analysis: An Introductory Guide (Quantitative Applications in the Social Sciences)

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Larry D. Schroeder, David L. Sjoquist, Paula E. Stephan : Understanding Regression Analysis: An Introductory Guide (Quantitative Applications in the Social Sciences) before purchasing it in order to gage whether or not it would be worth my time, and all praised Understanding Regression Analysis: An Introductory Guide (Quantitative Applications in the Social Sciences):

11 of 11 people found the following review helpful. Masterfully succinct!By not a naturalFor the beginner, there is no such thing as an easy basic statistics text. For one who has completed a first course, there is no such thing as an easy regression text. In fact, most textbook treatments of applied regression analysis are sufficiently difficult that they pretty well test the statistical mettle of even those who have acquired a good deal of knowledge and experience working with other techniques. The econometrics texts are commonly the most densely mathematical, but even regression books written to be more or less reader-friendly, such as Regression Analysis by Example, are rarely easy going.Schroeder, Sjoquist, and Stephan, however, have come about as close as one can to putting together a generally accessible textbook that makes regression analysis understandable even for those who are short on experience and not naturally talented at quantitative endeavors. For someone who has just finished a basic course, the book requires careful reading with a minimum of distraction and at least some tolerance for short-term frustration, but the work required to master the material will prove to be a good investment.It never occurred to me that it was possible to write a creditable introduction to regression analysis, complete with useful material on regression diagnostics, in the ninety-two pages of one of Sage's little green paperbacks. But Schroeder, Sjoquist, and Stephan have done it. Once you've completed this book you're be able to interpret regression analyses that appear in books, journals, evaluation reports, policy statements, and just about anywhere else.Yes, it's true that those who make a profession of doing research with regression have countless ways of adding complexity to this basic tool. Again, economists are especially adept at this. Nevertheless, with a little extra work with more technical references, readers of Understanding Regression Analysis will be in a good position to understand most applications of OLS regression. That covers a lot of literature!Understanding Regression Analysis is a remarkably good introduction to this widely used statistical technique. Anyone learning regression will benefit for the Schroeder, Sjoquist, and Stephan's presentation.2 of 2 people found the following review helpful. Clear, concise very useful referenceBy SubratThis book is a very clear, easy to understand and pretty broad introduction to the subject of Regression Analysis. The authors write as if they are teaching in a class. The "Why" and "What" of some of the pertinent issues when one performs regression are explained really well - hypothesis testing, improving regression models, de-bugging and model building. The "How" are not the focus of the book and can be looked in any of the great references mentioned such as by Draper Smith. The topic on Hypothesis Testing is covered in fair details (again, Why and What are stressed) and I found it to be a refreshing perspective on exactly what is it we look for (and should not look for) when performing hypothesis tests. The book also has pointers to advanced topics and handling pitfalls with regression...All in all, a great read that can be done in a week!0 of 0 people found the following review helpful. Five StarsBy CustomerExcellence!

Understanding Regression Analysis: An Introductory Guide presents the fundamentals of regression analysis, from its meaning to uses, in a concise, easy-to-read, and non-technical style. It illustrates how regression coefficients are estim

The authors do a top-notch job of competently presenting a plethora of topics regarding regression analysis.--Wyatt Brown, Ph.DThis is an excellent update in clear and feasible introduction to a complex, yet very important, statistical method: regression analysis. The book can serve as a perfect supplement, or even as a stand-alone, book in introductory social statistics courses.--Grigoris ArgerosUnderstanding Regression Analysis provides students at all levels a foundational understanding of multiple linear regression analysis through intuitive explanations and interdisciplinary examples aimed at elucidating concepts, approaches, and interpretations. --Andrea HetlingThis monograph provides a clear and concise introduction to regression analysis concepts and procedures, with a problem-solving approach toward addressing common maladies of regression modeling.--Ross E. Burkhart"This is an excellent update; a clear and accessible introduction to a complex, yet very important, statistical method: regression analysis. The book can serve as a perfect supplement or stand-alone book in introductory social statistics courses."--Grigoris Argeros"Understanding Regression Analysis provides students at all levels a foundational understanding of multiple linear regression analysis through intuitive explanations and interdisciplinary examples aimed at elucidating concepts, approaches, and interpretations."--Andrea Hetling"This monograph provides a clear and concise introduction to regression analysis concepts and procedures, with a problem-solving approach toward addressing common maladies of regression modeling."--Ross E. Burkhart"The authors do a top-notch job of competently presenting a plethora of topics regarding regression analysis."--Wyatt Brown-This is an excellent update; a clear and accessible introduction to a complex, yet very important, statistical method: regression analysis. The book can serve as a perfect supplement or stand-alone book in introductory social statistics courses.---Grigoris Argeros-Understanding Regression Analysis provides students at all levels a foundational understanding of multiple linear regression analysis through intuitive explanations and interdisciplinary examples aimed at elucidating concepts, approaches, and interpretations.---Andrea Hetling-This monograph provides a clear and concise introduction to regression analysis concepts and procedures, with a problem-solving approach toward addressing common maladies of regression modeling.---Ross E. Burkhart-The authors do a top-notch job of competently presenting a plethora of topics regarding regression analysis.---Wyatt Brown "This is an excellent update; a clear and accessible introduction to a complex, yet very important, statistical method: regression analysis. The book can serve as a perfect supplement or stand-alone book in introductory social

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About the Author
Dr. Larry Schroeder, Professor of Public Administration Maxwell Professor of Teaching Excellence, and Senior Research Associate in the Moynihan Institute of Global Affairs at the Maxwell School, Syracuse University is a public finance economist with primary interest in state and local public finance and financial management. He has conducted research on a variety of state and local government fiscal issues both in the U.S. and abroad. Much of his current research is directed at public finance issues arising in developing and transition economies. He is particularly interested in problems associated with financing the construction and maintenance of public infrastructure in these environments as well as the broader issues of decentralization, intergovernmental fiscal relations, and the effects of institutional arrangements on the provision of public services. He is the co-author of several books and has written a large number of articles addressing these subjects. Professor Schroeder has consulted with and led policy research projects sponsored by the United States Agency for International Development, the World Bank, and the United Nations Capital Development Fund in numerous countries, especially in South and Southeast Asia, but also in Africa and Eastern Europe. In 1998-99 he was a Visiting Professor at Universiti Sains Malaysia in Penang Malaysia and was a Visiting Research Fellow at the National College of Public Administration and Governance at the University of the Philippines (Diliman Campus) in Quezon City, Philippines in 2005-06. Professor Schroeder earned his Ph.D. in Economics from the University of Wisconsin in 1971. During the early 1970s he was on the economics faculty at Georgia State University. In 1977 he joined the Departments of Public Administration and Economics at the Maxwell School, Syracuse University and served here until 1994 when he was a Professor of Public and Environmental Affairs at Indiana University. He rejoined The Maxwell School faculty in 1998.

Dr. Sjoquist is a specialist in the field of public finance, particularly state and local public finance, and has an extensive research interests in urban economics, especially local economic development and central city poverty, and education policy. Stephans research interests focus on the careers of scientists and engineers and the process by which knowledge moves across institutional boundaries in the economy. Stephan currently serves on the National Research Council Board on Higher Education and Workforce. She served on the National Advisory General Medical Sciences Council, National Institutes of Health, 2005-2009 and served on the Advisory Committee of the Social, Behavioral, and Economics Program, National Science Foundation, 2001-2008. She was a member of the European Commission High-Level Expert Group that authored the report "Frontier Research: The European Challenge." She has served on a number of National Research Council committees including the committee on Dimensions, Causes, and Implications of Recent Trends in the Careers of Life Scientists, Committee on Methods of Forecasting Demand and Supply of Doctoral Scientists and Engineers, and the Committee on Policy Implications of International Graduate Students and Postdoctoral Scholars in the United States. Her research has been supported by the Alfred P. Sloan Foundation, the Andrew W. Mellon Foundation, and the National Science Foundation. Dr. Stephan graduated from Grinnell College (Phi Beta Kappa) with a B.A. in Economics and earned both her M.A. and Ph.D. in Economics from the University of Michigan. She has been a visiting scholar at Katholieke Universiteit Leuven, Belgium, spring 2005, a Wertheim Fellow, Harvard University, February 2007, and an ICER fellow, Turin, Italy, fall 2009, spring 2011, and fall 2011. She has also been a visiting scholar at the Department of Economics, Cogneetti de Martiis, University of Torino, spring 2011 and fall 2011. Stephan is a research associate, National Bureau of Economic Research. Stephan has published numerous articles in journals such as *The American Economic Review*, *Science*, *The Journal of Economic Literature*, *Economic Inquiry*, *The International Economic and Social Studies of Science*. She co-wrote, with Sharon Levin, *Striking the Mother Lode in Science* (Oxford University Press, 1992).