Correlation and Regression Analysis: A Historian's Guide

By Thomas J. Archdeacon

University of Wisconsin Press. Paperback. Book Condition: new. BRAND NEW, Correlation and Regression Analysis: A Historian's Guide, Thomas J. Archdeacon, In "Correlation and Regression Analysis" Thomas J. Archdeacon provides historians with a practical introduction to the use of correlation and regression analysis. The book concentrates on the kinds of analysis that form the broad range of methods used in the social sciences. It should enable historians to understand and to evaluate critically the quantitative analyses that they are likely to encounter in journal literature and monographs reporting research findings in the social sciences. Without attempting to be a text in basic statistics, the book provides enough background information to allow readers to grasp the mathematical essentials of correlation and regression. Correlation analysis refers to the measurement of association between or among variables, and regression analysis focuses primarily on the use of linear models to predict changes in the value taken by one variable in terms of changes in the values of a set of explanatory variables. The book also discusses diagnostic methods for identifying shortcomings in regression models, the use of regression to analyse causation, and the application of regression and related procedures to the study of problems containing categorical...

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