Applied multiple regression /correlation analysis for the behavioral sciences /

Cohen, Jacob (
1923-1998.)
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L. Erlbaum Associates,
2003

Monografía

This classic text on multiple regression is noted for its nonmathematical, applied, and data-analytic approach. Readers profit from its verbal-conceptual exposition and frequent use of examples. The applied emphasis provides clear illustrations of the principles and provides worked examples of the types of applications that are possible. Researchers learn how to specify regression models that directly address their research questions. An overview of the fundamental ideas of multiple regression and a review of bivariate correlation and regression and other elementary statistical concepts

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Nota general: Rev. ed. of: Applied multiple regression/correlation analysis for the behavioral sciences / Jacob Cohen, Patricia Cohen. 2nd ed. 1983 The CD-ROM contains the data for almost all examples as well as the command codes for each of the major statistical packages for the tabular and other findings in the book

Bibliografía: Includes bibliographical references (p. 655-669) and indexes

Contenido: Book Cover; Title; Copyright; Contents; Preface to the Second Edition; Preface to the First Edition; PART I BASICS; 1 Introduction; 2 Bivariate Correlation and Regression; 3 Multiple Regression/Correlation: Two or More Independent Variables; 4 Sets of Independent Variables; PART II THE REPRESENTATION OF INFORMATION IN INDEPENDENT VARIABLES; 5 Nominal or Qualitative Scales; 6 Quantitative Scales; 7 Missing Data; PART III APPLICATIONS; 9 Causal Models; 10 The Analysis of Covariance and Its Multiple Regression/Correlation Generalization; 11 Repeated Measurement and Matched Subjects Designs 12 Multiple Regression/Correlation and Multivariate Methods APPENDIX 1 The Mathematical Basis for Multiple Regression

/Correlation and Identification of the Inverse Matrix Elements; APPENDIX 2 Desk Calculator Solution of the Multiple Regression/Correlation Problem: Determination of the Inverse Matrix and Applications Thereof; APPENDIX 3 Computer Analysis of Multiple Regression/Correlation; APPENDIX 4 Set Correlation as a General Multivariate Data-Analytic Method; Appendix Tables; References; Author Index; Subject Index

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