

1. Record Nr.	UNINA9910827001403321
Autore	Rutherford Andrew
Titolo	Introducing Anova and Ancova [[electronic resource] ] : A GLM Approach
Pubbl/distr/stampa	London, : SAGE Publications, 2000 London : , : SAGE, , 2000
ISBN	1-280-36930-2 9786610369300 1-4129-3335-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (193 p.)
Collana	Introducing Statistical Methods series
Disciplina	300.1519536 300.1519538 519.5/38
Soggetti	Regression analysis Social sciences -- Statistical methods Analysis of variance Analysis of covariance
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Cover; Contents; Chapter 1 - An Introduction to General Linear Models: Regression, Analysis of Variance and Analysis of Covariance; Chapter 2 - Traditional and GLM approaches to independent measures single factor ANOVA designs; Chapter 3 - GLM approaches to independent measures factorial ANOVA designs; Chapter 4 - GLM approaches to repeated measures designs; Chapter 5 - GLM approaches to factorial repeated measures designs; Chapter 6 - The GLM approach to ANCOVA; Chapter 7 - Assumptions underlying ANOVA, traditional ANCOVA and GLMs; Chapter 8 - Some alternatives to traditional ANCOVA Chapter 9 - Further issues in ANOVA and ANCOVA References; Index
Sommario/riassunto	Traditional approaches to ANOVA and ANCOVA are now being replaced by a General Linear Modeling (GLM) approach. This book begins with a brief history of the separate development of ANOVA and regression analyses and demonstrates how both analysis forms are subsumed by

the General Linear Model. A simple single independent factor ANOVA is analysed first in conventional terms and then again in GLM terms to illustrate the two approaches. The text then goes on to cover the main designs, both independent and related ANOVA and ANCOVA, single and multi-factor designs. The conventional

---