

1. Record Nr.	UNINA9910788590803321
Autore	Wright Daniel B
Titolo	Modern regression techniques using R : a practical guide for students and researchers / / Daniel B. Wright and Kamala London
Pubbl/distr/stampa	Los Angeles ; ; London, : SAGE, 2009
ISBN	1-4462-4410-5 1-283-28914-8 9786613289148 1-4462-0602-5 0-85702-449-3
Descrizione fisica	1 online resource (viii, 204 p.) : ill
Altri autori (Persone)	LondonKamala
Disciplina	300.1519536
Soggetti	Regression analysis Regression analysis - Data processing Social sciences - Statistical methods Free computer software
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Contents; Preface; 1 Very brief introduction to R; 2 The basic regression; 3 ANOVA as regression; 4 ANCOVA: Lord's paradox and mediation analysis; 5 Model selection and shrinkage; 6 Generalized linear models (GLMs); 7 Regression splines and generalized additive models (GAMs); 8 Multilevel models; 9 Robust regression; 10 Conclusion - make your data cool; Glossary of R functions used in this book; References; Index
Sommario/riassunto	Techniques covered in this book include multilevel modeling ANOVA and ANCOVA, path analysis, mediation and moderation logistic regression, generalised additive models, and robust methods. These are all tested out using a range of real research examples conducted by the authors in every chapter.