1. Record Nr. UNINA9910133778603321 Autore Crawley Michael J **Titolo** The R book [[electronic resource] /] / Michael J. Crawley Pubbl/distr/stampa Hoboken, N.J., : John Wiley & Sons Inc., 2013 **ISBN** 1-299-19028-6 1-118-44894-4 1-118-44896-0 1-118-44890-1 Edizione [Second edition.] Descrizione fisica 1 online resource (1077 pages) Classificazione MAT029000 Disciplina 510.285536 519.50285/5133 519.502855133 Soggetti R (Computer program language) Mathematical statistics - Data processing 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 and index. Nota di contenuto Machine generated contents note: Preface vii 1 Getting Started 1 2 Essentials of the R Language 9 3 Data Input 97 4 Dataframes 107 5 Graphics 135 6 Tables 183 7 Mathematics 195 8 Classical Tests 279 9 Statistical Modelling 323 10 Regression 387 11 Analysis of Variance 449 12 Analysis of Covariance 489 13 Generalized Linear Models 511 14 Count Data 527 15 Count Data in Tables 549 16 Proportion Data 569 17 Binary Response Variables 593 18 Generalized Additive Models 611 19 Mixed-Effects Models 627 20 Non-linear Regression 661 21 Meta-analysis xxx 22 Bayesian statistics xxx 23 Tree Models 685 24 Time Series Analysis 701 25 Multivariate Statistics 731 26 Spatial Statistics 749 27 Survival Analysis 787 28 Simulation Models 811 29 Changing the Look of Graphics 827 References and Further Reading 873 Index 877s. Sommario/riassunto "Hugely successful and popular text presenting an extensive and comprehensive guide for all R users The R language is recognized as one of the most powerful and flexible statistical software packages.

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