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| 1. Record Nr.           | UNINA9910139512203321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Autore                  | Lumley Thomas <1969->                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Titolo                  | Complex surveys [[electronic resource] ] : a guide to analysis using R / / Thomas Lumley                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Pubbl/distr/stampa      | Hoboken, N.J., : Wiley, c2010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Descrizione fisica      | 1 online resource (296 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Collana                 | Wiley Series in Survey Methodology ; ; v.565                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Classificazione         | SK 845                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Disciplina              | 515.0285                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Soggetti                | Mathematical statistics - Data processing<br>R (Computer program language)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Note generali           | Description based upon print version of record.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Nota di bibliografia    | Includes bibliographical references and index.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Nota di contenuto       | Complex Surveys: A Guide to Analysis Using R; Contents; Acknowledgments; Preface; Acronyms; 1 Basic Tools; 2. Simple and Stratified sampling; 3. Cluster sampling; 4. Graphics; 5 Ratios and linear regression; 6 Categorical data regression; 7 Post-stratification, raking and calibration; 8 Two-phase sampling; 9 Missing data; 10 * Causal inference; Appendix A: Analytic Details; Appendix B: Basic R; Appendix C: Computational details; Appendix D: Database-backed design objects; Appendix E: Extending the package; References; Author Index; Topic Index                                    |
| Sommario/riassunto      | A complete guide to carrying out complex survey analysis using R As survey analysis continues to serve as a core component of sociological research, researchers are increasingly relying upon data gathered from complex surveys to carry out traditional analyses. Complex Surveys is a practical guide to the analysis of this kind of data using R, the freely available and downloadable statistical programming language. As creator of the specific survey package for R, the author provides the ultimate presentation of how to successfully use the software for analyzing data from complex s |

