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| Formato                 | Materiale a stampa   |
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| Nota di contenuto       | Intro -- CATEGORICAL DATA ANALYSIS BY EXAMPLE -- Contents -- Preface -- Acknowledgments -- 1 Introduction -- 1.1 What are Categorical Data? -- 1.2 A Typical Data Set -- 1.3 Visualization and Cross-Tabulation -- 1.4 Samples, Populations, and Random Variation -- 1.5 Proportion, Probability, and Conditional Probability -- 1.6 Probability Distributions -- 1.6.1 The Binomial Distribution -- 1.6.2 The Multinomial Distribution -- 1.6.3 The Poisson Distribution -- 1.6.4 The Normal Distribution -- 1.6.5 The Chi-Squared ( 2) Distribution -- 1.7 *The Likelihood -- 2 Estimation and Inference for Categorical Data -- 2.1 Goodness of Fit -- 2.1.1 Pearson's X2 Goodness-of-Fit Statistic -- 2.1.2 *The Link between X2 and the Poisson and 2-Distributions -- 2.1.3 The Likelihood-Ratio Goodness-of-Fit Statistic, G2 -- 2.1.4 *Why the G2 and X2 Statistics Usually have Similar Values -- 2.2 Hypothesis Tests for a Binomial Proportion (Large Sample) -- 2.2.1 The Normal Score Test -- 2.2.2 *Link to Pearson's X2 Goodness-of-Fit Test -- 2.2.3 G2 for a Binomial Proportion -- 2.3 Hypothesis Tests for a Binomial Proportion (Small Sample) -- 2.3.1 One-Tailed Hypothesis Test -- 2.3.2 Two-Tailed Hypothesis Tests -- 2.4 Interval Estimates for a Binomial Proportion -- 2.4.1 Laplace's Method -- 2.4.2 Wilson's Method -- 2.4.3 The Agresti-Coull Method -- 2.4.4 Small Samples and Exact Calculations -- References -- 3 The 2 x 2 Contingency Table -- 3.1 Introduction -- 3.2 Fisher's Exact Test (for Independence) -- 3.2.1 |

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Sommario/riassunto

Introduces the key concepts in the analysis of categorical data with illustrative examples and accompanying R code This book is aimed at all those who wish to discover how to analyze categorical data without getting immersed in complicated mathematics and without needing to wade through a large amount of prose. It is aimed at researchers with their own data ready to be analyzed and at students who would like an approachable alternative view of the subject. Each new topic in categorical data analysis is illustrated with an example that readers can apply to their own sets of data. In many cases, R code is given and excerpts from the resulting output are presented. In the context of log-linear models for cross-tabulations, two specialties of the house have been included: the use of cobweb diagrams to get visual information concerning significant interactions, and a procedure for detecting outlier category combinations. The R code used for these is available and may be freely adapted. In addition, this book: Uses an example to illustrate each new topic in categorical data Provides a clear explanation of an important subject Is understandable to most readers with minimal statistical and mathematical backgrounds Contains examples that are accompanied by R code and resulting output Includes starred sections that provide more background details for interested readers Categorical Data Analysis by Example is a reference for students in statistics and researchers in other disciplines, especially the social sciences, who use categorical data. This book is also a reference for practitioners in market research, medicine, and other fields. GRAHAM J. G. UPTON is formerly Professor of Applied Statistics, Department of Mathematical Sciences, University of Essex. Dr. Upton is author of *The Analysis of Cross-tabulated Data* (1978) and joint author of *Spatial Data Analysis by Example* (2 volumes, 1995), both published by Wiley. He is the lead author of *The Oxford Dictionary of Statistics* (OUP, 2014). His books have been translated into Japanese, Russian, and Welsh. "

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| 2. Record Nr.           | UNINA9910139213403321   |
| Autore                  | Smart William B (William Buckwalter), <1922-2018.>  |
| Titolo                  | Mormonism's last colonizer : the life and times of William H. Smart // William B. Smart   |
| Pubbl/distr/stampa      | Logan, UT, : Utah State University Press, c2008   |
| ISBN                    | 9786612822230<br>9781282822238<br>1282822233<br>9780874217230<br>0874217237   |
| Descrizione fisica      | 1 online resource (358 pages) : digital, PDF file(Ss)   |
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| Soggetti                | Latter Day Saints - Utah<br>Utah History  |
| 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       | Growing up in Franklin -- Years of trial and torment -- An aborted mission -- A repentant sinner finds himself -- Putting a shoulder to the wheel -- On-the-job training in Heber Valley -- Making Indian land Mormon country -- The Vernal years -- Civilizing the reservation lands -- The fourth-and final-stake presidency -- Struggle and failure in Leota -- Hard times -- The final years.   |
| Sommario/riassunto      | Winner of the Evans Handcart Prize 2009. Winner of the Mormon History Assn Best Biography Award 2009. By the early twentieth century, the era of organized Mormon colonization of the West from a base in Salt Lake City was all but over. One significant region of Utah had not been colonized because it remained in Native American hands--the Uinta Basin, site of a reservation for the Northern Utes. When the federal government decided to open the reservation to white settlement, William H. Smart--a nineteenth-century Mormon traditionalist living in the twentieth century, a polygamist in an era when it was banned, a fervently moral stake president who as a youth had struggled mightily with his own sense of sinfulness, and an |

entrepreneurial businessman with theocratic, communal instincts--set out to ensure that the Uinta Basin also would be part of the Mormon kingdom. Included with the biography is a searchable CD containing William H. Smart's extensive journals, a monumental personal record of Mormondom and its transitional period from nineteenth-century cultural isolation into twentieth-century national integration.

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