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Titolo	Robust methods in biostatistics // Stephane Heritier ... [et al.]
Pubbl/distr/stampa	Chichester, West Sussex ; ; Hoboken, : J. Wiley, 2009
ISBN	9786612123221 9781282123229 128212322X 9780470740538 0470740531 9780470740545 047074054X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (294 p.)
Collana	Wiley Series in Probability and Statistics ; ; v.825
Altri autori (Persone)	HeritierStephane
Disciplina	570.1/5195 570.15195
Soggetti	Biometry - Statistical methods Biomathematics
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	Robust Methods in Biostatistics; Contents; Preface; Acknowledgments; 1 Introduction; What is Robust Statistics?; Against What is Robust Statistics Robust?; Are Diagnostic Methods an Alternative to Robust Statistics? .; How do Robust Statistics Compare with Other Statistical Procedures in Practice?; 2 Key Measures and Results; Introduction; Statistical Tools for Measuring Robustness Properties; The Influence Function; The Breakdown Point; Geometrical Interpretation; The Rejection Point; General Approaches for Robust Estimation; The General Class of M-estimators; Properties of M-estimators The Class of S-estimators Statistical Tools for Measuring Tests Robustness; Sensitivity of the Two-sample t-test; Local Stability of a Test: the Univariate Case; Global Reliability of a Test: the Breakdown Functions; General Approaches for Robust Testing; Wald Test, Score Test and LRT; Geometrical Interpretation; General -type Classes of Tests; Asymptotic Distributions; Robustness Properties; 3 Linear

Regression; Introduction; Estimating the Regression Parameters; The Regression Model; Robustness Properties of the LS and MLE Estimators; Glomerular Filtration Rate (GFR) Data Example Robust Estimators GFR Data Example (continued); Testing the Regression Parameters; Significance Testing; Diabetes Data Example; Multiple Hypothesis Testing; Diabetes Data Example (continued); Checking and Selecting the Model; Residual Analysis; GFR Data Example (continued); Diabetes Data Example (continued); Coefficient of Determination; Global Criteria for Model Comparison; Diabetes Data Example (continued); Cardiovascular Risk Factors Data Example; 4 Mixed Linear Models; Introduction; The MLM; The MLM Formulation; Skin Resistance Data; Semantic Priming Data; Orthodontic Growth Data Classical Estimation and Inference Marginal and REML Estimation; Classical Inference; Lack of Robustness of Classical Procedures; Robust Estimation; Bounded Influence Estimators; S-estimators; MM-estimators; Choosing the Tuning Constants; Skin Resistance Data (continued); Robust Inference; Testing Contrasts; Multiple Hypothesis Testing of the Main Effects; Skin Resistance Data Example (continued); Semantic Priming Data Example (continued); Testing the Variance Components; Checking the Model; Detecting Outlying and Influential Observations; Prediction and Residual Analysis; Further Examples Metallic Oxide Data Orthodontic Growth Data (continued); Discussion and Extensions; 5 Generalized Linear Models; Introduction; The GLM; Model Building; Classical Estimation and Inference for GLM; Hospital Costs Data Example; Residual Analysis; A Class of M-estimators for GLMs; Choice of η and $w(x)$; Fisher Consistency Correction; Nuisance Parameters Estimation; IF and Asymptotic Properties; Hospital Costs Example (continued); Robust Inference; Significance Testing and CIs; General Parametric Hypothesis Testing and Variable Selection; Hospital Costs Data Example (continued) Breastfeeding Data Example

Sommario/riassunto

Robust statistics is an extension of classical statistics that specifically takes into account the concept that the underlying models used to describe data are only approximate. Its basic philosophy is to produce statistical procedures which are stable when the data do not exactly match the postulated models as it is the case for example with outliers. Robust Methods in Biostatistics proposes robust alternatives to common methods used in statistics in general and in biostatistics in particular and illustrates their use on many biomedical datasets. The methods introduced include robust

2. Record Nr.	UNINA9910967434003321
Autore	Murphy Sarah Anne
Titolo	The librarian as information consultant : transforming reference for the Information Age // Sarah Anne Murphy
Pubbl/distr/stampa	Chicago, : American Library Association, 2011
ISBN	0-8389-9276-5 1-283-09350-2 9786613093509 0-8389-9275-7
Edizione	[1st ed.]
Descrizione fisica	1 online resource (121 p.)
Classificazione	LAN025000
Disciplina	025.5/2 025.52
Soggetti	Reference services (Libraries) - Forecasting Reference services (Libraries) - Management Information consultants Reference librarians - Effect of technological innovations on
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	The library and information consultant -- Strategies for building and maintaining consumer relationships -- Marketing the library and information consultant's services : creating a sophisticated brand -- The business of consulting : managing employee service roles and consumer demand -- Developing the infrastructure and culture for continuous quality improvement.
Sommario/riassunto	Murphy innovatively rethinks the philosophy behind current library reference services in this thought-provoking book.

3. Record Nr.	UNICAMPANIAVAN00062669
Autore	Nesterov, Yurii E.
Titolo	Interior-point polynomial algorithms in convex programming / Yurii Nesterov and Arkadii Nemirovskii
Pubbl/distr/stampa	Philadelphia, : SIAM, 1994
ISBN	08-987151-5-6
Descrizione fisica	IX, 405 p. ; 27 cm
Altri autori (Persone)	Nemirovskii, Arkadii Semenovich
Soggetti	90-XX - Operations research, mathematical programming [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia