

1. Record Nr.	UNINA9910254983003321
Titolo	Modern Statistical Methods for HCI // edited by Judy Robertson, Maurits Kaptein
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-26633-0
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (359 p.)
Collana	Human-Computer Interaction Series, , 1571-5035
Disciplina	004
Soggetti	User interfaces (Computer systems) Statistics User Interfaces and Human Computer Interaction Statistics for Social Sciences, Humanities, Law
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.
Nota di contenuto	Preface -- An Introduction to Modern Statistical Methods for HCI -- Part I: Getting Started With Data Analysis -- Getting started with [R]: A Brief Introduction -- Descriptive Statistics, Graphs, and Visualization -- Handling Missing Data -- Part II: Classical Null Hypothesis Significance Testing Done Properly -- Effect sizes and Power in HCI -- Using R for Repeated and Time-Series Observations -- Non-Parametric Statistics in Human-Computer Interaction -- Part III : Bayesian Inference -- Bayesian Inference -- Bayesian Testing of Constrained Hypothesis -- Part IV: Advanced Modeling in HCI -- Latent Variable Models -- Using Generalized Linear (Mixed) Models in HCI -- Mixture Models: Latent Profile and Latent Class Analysis -- Part V: Improving Statistical Practice in HCI -- Fair Statistical Communication in HCI -- Improving Statistical Practice in HCI.
Sommario/riassunto	This book critically reflects on current statistical methods used in Human-Computer Interaction (HCI) and introduces a number of novel methods to the reader. Covering many techniques and approaches for exploratory data analysis including effect and power calculations, experimental design, event history analysis, non-parametric testing and Bayesian inference; the research contained in this book discusses how to communicate statistical results fairly, as well as presenting a

general set of recommendations for authors and reviewers to improve the quality of statistical analysis in HCI. Each chapter presents [R] code for running analyses on HCI examples and explains how the results can be interpreted. Modern Statistical Methods for HCI is aimed at researchers and graduate students who have some knowledge of “traditional” null hypothesis significance testing, but who wish to improve their practice by using techniques which have recently emerged from statistics and related fields. This book critically evaluates current practices within the field and supports a less rigid, procedural view of statistics in favour of fair statistical communication.

2. Record Nr.	UNINA9910484922703321
Titolo	E-Voting and Identity : Second International Conference, VOTE-ID 2009, Luxembourg, September 7-8, 2009, Proceedings // edited by Peter Y. A. Ryan, Berry Schoenmakers
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2009
ISBN	3-642-04135-3
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (IX, 191 p.)
Collana	Security and Cryptology, , 2946-1863 ; ; 5767
Altri autori (Persone)	RyanPeter <1957-> SchoenmakersBerry
Disciplina	324.6/3
Soggetti	Cryptography Data encryption (Computer science) Data protection Computers and civilization Computer networks Computers, Special purpose Information technology - Management Cryptology Data and Information Security Computers and Society Computer Communication Networks Special Purpose and Application-Based Systems Computer Application in Administrative Data Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Not-So Hidden Information: -- Masked Ballot Voting for Receipt-Free Online Elections -- Improving and Simplifying a Variant of Prêt à Voter -- Implications of Graphics on Usability and Accessibility for the Voter -- Assessing Voters' Attitudes towards Electronic Voting in Latin America: Evidence from Colombia's 2007 E-Voting Pilot -- Developing a Legal Framework for Remote Electronic Voting -- VeryVote: A Voter Verifiable Code Voting System -- Minimum Disclosure Counting for the Alternative Vote -- A Design of Secure Preferential E-Voting -- RIES - Rijnland Internet Election System: A Cursory Study of Published Source Code -- Combatting Electoral Traces: The Dutch Tempest Discussion and Beyond.</p>
Sommario/riassunto	<p>These proceedings contain the papers presented at VoteID 2009, the Second - ternationalConferenceonE-votingandIdentity. TheconferencewasheldinL- embourgduring September 7-8,2009, hostedbythe Universityof Luxembourg. VoteID 2009 built on the success of the 2007 edition held in Bochum. Events have moved on dramatically in the intervening two years: at the time of writing, people are in the streets of Tehran protesting against the claimed outcome of the June12thpresidentialelectionin Iran.Banners bearingthe words" Whereis my vote?" bear testimony to the strength of feeling and the need for elections to be trusted. These events show that the search for high-assurance voting is not a purely academic pursuit but one of very real importance. We hope that VoteID 2009 will help contribute to our understanding of the foundations of democracy.</p> <p>TheProgramCommitteeselected11papersforpresentationattheconferenc e out of a total of 24 submissions. Each submission was reviewed by at least four Program Committee members. The EasyChair conference management system proved instrumental in the reviewing process as well as in the preparation of these proceedings. The selected papers cover a wide range of aspects of voting: proposals for high-assurancevotingsystems,evaluationofexistingystems,assessmentofp- lic response to electronic voting and legal aspects. The program also included a keynote by Mark Ryan.</p>