1. Record Nr. UNINA9910967194503321

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| Autore | Hays J. N. <1938-> |
| Titolo | The burdens of disease : epidemics and human response in western history / / J.N. Hays |
| Pubbl/distr/stampa | New Brunswick, NJ, : Rutgers University Press, c2009 |
| ISBN | 9786613588739<br>9781280493508<br>128049350X<br>9780813548173<br>0813548179 |
| Edizione | [Rev. ed.] |
| Descrizione fisica | 1 online resource (391 p.) |
| Disciplina | 614.4 |
| Soggetti | Epidemics - History<br>Epidemics - Social aspects |
| 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 | Frontmatter -- Contents -- Tables -- Acknowledgments -- Introduction -- One. The Western Inheritance -- Two. Medieval Diseases and Responses -- Three. The Great Plague Pandemic -- Four. New Diseases and Transatlantic Exchanges -- Five. Continuity and Change -- Six. Disease and the Enlightenment -- Seven. Cholera and Sanitation -- Eight. Tuberculosis and Poverty -- Nine. Disease, Medicine, and Western Imperialism -- Ten. The Scientific View of Disease and the Triumph of Professional Medicine -- Eleven. The Apparent End of Epidemics -- Twelve. Disease and Power -- Notes -- Suggestions for Further Reading -- Index -- About the Author |
| Sommario/riassunto | A review of the original edition of The Burdens of Disease that appeared in ISIS stated, "Hays has written a remarkable book. He too has a message: That epidemics are primarily dependent on poverty and that the West has consistently refused to accept this." This revised edition confirms the book's timely value and provides a sweeping approach to the history of disease. In this updated volume, with revisions and additions to the original content, including the evolution of drug-resistant diseases and expanded coverage of HIV/AIDS, along |

with recent data on mortality figures and other relevant statistics, J. N. Hays chronicles perceptions and responses to plague and pestilence over two thousand years of western history. Disease is framed as a multidimensional construct, situated at the intersection of history, politics, culture, and medicine, and rooted in mentalities and social relations as much as in biological conditions of pathology. This revised edition of The Burdens of Disease also studies the victims of epidemics, paying close attention to the relationships among poverty, power, and disease.

2. Record Nr. UNIORUON00383422

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|---|---|
| Autore | BELLUCCI, Stefano |
| Titolo | Africa contemporanea : Politica, cultura, istituzioni a sud del Sahara / Stefano Bellucci. -1 ed |
| Pubbl/distr/stampa | Roma, : Carocci, 2010 |
| ISBN | 978-88-430-4889-2 |
| Descrizione fisica | 313 p. : ill. ; 22 cm |
| Disciplina | 960 |
| Soggetti | AFRICA - Studi |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

3. Record Nr. UNINA9910962540003321

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|---|---|
| Autore | Zwanzig Silvelyn |
| Titolo | Computer Intensive Methods in Statistics |
| Pubbl/distr/stampa | Boca Raton, : CRC Press LLC, 2019 |
| ISBN | 0-429-51437-9<br>0-429-51094-2<br>0-429-20232-6 |
| Edizione | [1st ed.] |
| Descrizione fisica | 1 online resource (227 pages) |
| Altri autori (Persone) | MahjaniBehrang |
| Disciplina | 519.502855369 |
| Soggetti | 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 contenuto | Cover; Half Title; Title Page; Copyright Page; Contents; Preface; Introduction; 1. Random Variable Generation; 1.1 Basic Methods; 1.1.1 Congruential Generators; 1.1.2 The KISS Generator; 1.1.3 Beyond Uniform Distributions; 1.2 Transformation Methods; 1.3 Accept-Reject Methods; 1.3.1 Envelope Accept-Reject Methods; 1.4 Problems; 2. Monte Carlo Methods; 2.1 Independent Monte Carlo Methods; 2.1.1 Importance Sampling; 2.1.2 The Rule of Thumb for Importance Sampling; 2.2 Markov Chain Monte Carlo; 2.2.1 Metropolis-Hastings Algorithm; 2.2.2 Special MCMC Algorithms; 2.2.3 Adaptive MCMC 2.2.4 Perfect Simulation2.2.5 The Gibbs Sampler; 2.3 Approximate Bayesian Computation Methods; 2.4 Problems; 3. Bootstrap; 3.1 General Principle; 3.1.1 Unified Bootstrap Framework; 3.1.2 Bootstrap and Monte Carlo; 3.1.3 Conditional and Unconditional Distribution; 3.2 Basic Bootstrap; 3.2.1 Plug-in Principle; 3.2.2 Why is Bootstrap Good?; 3.2.3 Example where Bootstrap Fails; 3.3 Bootstrap Confidence Sets; 3.3.1 The Pivotal Method; 3.3.2 Bootstrap Pivotal Methods; 3.3.2.1 Percentile Bootstrap Confidence Interval; 3.3.2.2 Basic Bootstrap Confidence Interval<br>3.3.2.3 Studentized Bootstrap Confidence Interval3.3.3 Transformed Bootstrap Confidence Intervals; 3.3.4 Prepivoting Confidence Set; 3.3.5 BCa-Confidence Interval; 3.4 Bootstrap Hypothesis Tests; 3.4.1 Parametric Bootstrap Hypothesis Test; 3.4.2 Nonparametric Bootstrap Hypothesis Test; 3.4.3 Advanced Bootstrap Hypothesis Tests; 3.5 |

Bootstrap in Regression; 3.5.1 Model-Based Bootstrap; 3.5.2 Parametric Bootstrap Regression; 3.5.3 Casewise Bootstrap in Correlation Model; 3.6 Bootstrap for Time Series; 3.7 Problems; 4. Simulation-Based Methods; 4.1 EM Algorithm; 4.2 SIMEX; 4.3 Variable Selection
4.3.1 F-Backward and F-Forward Procedures4.3.2 FSR-Forward Procedure; 4.3.3 SimSel; 4.4 Problems; 5. Density Estimation; 5.1 Background; 5.2 Histogram; 5.3 Kernel Density Estimator; 5.3.1 Statistical Properties; 5.3.2 Bandwidth Selection in Practice; 5.4 Nearest Neighbor Estimator; 5.5 Orthogonal Series Estimator; 5.6 Minimax Convergence Rate; 5.7 Problems; 6. Nonparametric Regression; 6.1 Background; 6.2 Kernel Regression Smoothing; 6.3 Local Regression; 6.4 Classes of Restricted Estimators; 6.4.1 Ridge Regression; 6.4.2 Lasso; 6.5 Spline Estimators; 6.5.1 Base Splines
6.5.2 Smoothing Splines6.6 Wavelet Estimators; 6.6.1 Wavelet Base; 6.6.2 Wavelet Smoothing; 6.7 Choosing the Smoothing Parameter; 6.8 Bootstrap in Regression; 6.9 Problems; References; Index

Sommario/riassunto

This textbook gives an overview of statistical methods that have been developed during the last years due to increasing computer use, including random number generators, Monte Carlo methods, Markov Chain Monte Carlo (MCMC) methods, Bootstrap, EM algorithms, SIMEX, variable selection, density estimators, kernel estimators, orthogonal and local polynomial estimators, wavelet estimators, splines, and model assessment. Computer Intensive Methods in Statistics is written for students at graduate level, but can also be used by practitioners. Features Presents the main ideas of computer-intensive statistical methods Gives the algorithms for all the methods Uses various plots and illustrations for explaining the main ideas Features the theoretical backgrounds of the main methods. Includes R codes for the methods and examples Silvelyn Zwanzig is an Associate Professor for Mathematical Statistics at Uppsala University. She studied Mathematics at the Humboldt- University in Berlin. Before coming to Sweden, she was Assistant Professor at the University of Hamburg in Germany. She received her Ph.D. in Mathematics at the Academy of Sciences of the GDR. Since 1991, she has taught Statistics for undergraduate and graduate students. Her research interests have moved from theoretical statistics to computer intensive statistics. Behrang Mahjani is a postdoctoral fellow with a Ph.D. in Scientific Computing with a focus on Computational Statistics, from Uppsala University, Sweden. He joined the Seaver Autism Center for Research and Treatment at the Icahn School of Medicine at Mount Sinai, New York, in September 2017 and was formerly a postdoctoral fellow at the Karolinska Institutet, Stockholm, Sweden. His research is focused on solving large-scale problems through statistical and computational methods.