

Epidemiology, Medical Statistics and Public Health



New

Applied Multilevel Analysis A Practical Guide for Medical Researchers

Jos W. R. Twisk
VU Medical Center, Amsterdam, The Netherlands

This is a practical introduction to multilevel analysis suitable for all those doing research. Most books on multilevel analysis are written by statisticians, and they focus on the mathematical background. These books are difficult for non-mathematical researchers. In contrast, this volume provides an accessible account on the application of multilevel analysis in research. It addresses the practical issues that confront those undertaking research and wanting to find the correct answers to research questions. Written for non-mathematical researchers it explains when and how to use multilevel analysis.

Many worked examples, with computer output, are given to illustrate and explain this subject. Datasets of the examples are available on the internet, so the reader can reanalyse the data. This approach will help to bridge the conceptual and communication gap that exists between those undertaking research and statisticians.

Features

- *Non-mathematical approach*
- *Computer output of all examples*
- *Comparison between software packages*

Contents: Preface; 1. Introduction; 2. Basic principles behind multilevel analysis; 3. What do we gain by applying multilevel analysis?; 4. Multilevel analysis with different outcome variables; 5. Multilevel modelling; 6. Multilevel analysis in longitudinal studies; 7. Multivariate multilevel analysis; 8. Sample size calculations in multilevel studies; 9. Software for multilevel analysis; References; Index.

2006 196pp 43 illustrations
978 0 521 61498 6 (0 521 61498 8) • PB • £24.99
978 0 521 84975 3 (0 521 84975 6) • HB • £55.00

This is the first book in the series

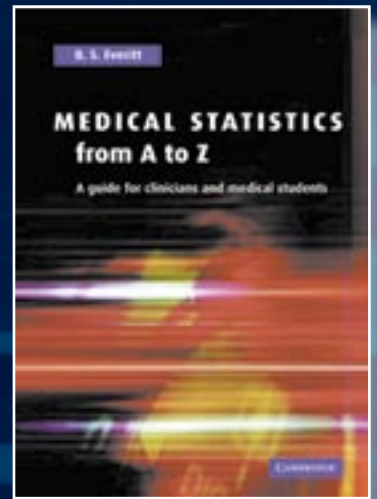
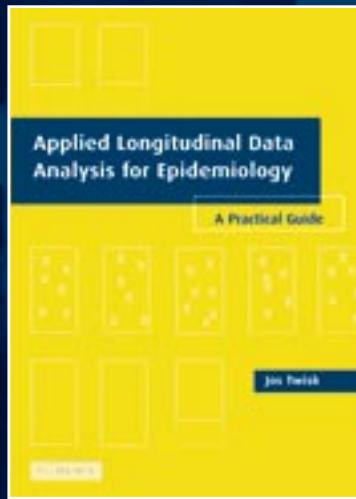
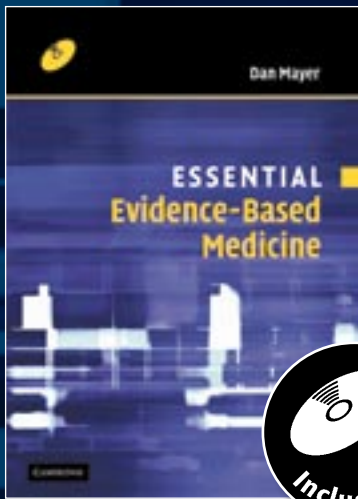
Practical Guides to Biostatistics and Epidemiology

This series of short but authoritative accounts of modern methods in biostatistics is for biomedical researchers, clinical investigators, public health researchers, epidemiologists, and non-academic and consulting biostatisticians who work with data from biomedical and epidemiological and genetic studies. The books will explain the application of techniques, including the use of computational tools, and emphasize the interpretation of the results, not the underlying mathematical and statistical theory.

Forthcoming ...

Secondary Data Sources for Public Health:
A Practical Guide

Statistics in Health Economics Evaluation



BIOMEDICAL STATISTICS

Essential Evidence-Based Medicine

Dan Mayer
Albany Medical College, New York, USA

Evidence Based Medicine (EBM), using the best evidence in the literature for the best care for an individual patient, sounds very simple. Yet, most medical students and physicians do not have the mathematical background or training to critically evaluate published research. This 'users guide' to EBM helps you become a more discriminating reader of the medical literature, and better equipped to apply EBM in practice. Accompanied by an interactive and fun-to-use CD-ROM consisting of practice problems and journal articles that reinforce the concepts taught in the book.

'... highly accurate, and easy to read textbook about EBM, suitable for all lifelong learners of medicine. Modestly titled 'Essential,' it contains much more than the essentials. It contains and conveys true understanding.'

BMJ.COM

Contents: 1. A brief history of medicine and statistics; 2. What is evidence based?; 3. Causation; 4. The medical literature: an overview; 5. Searching the medical literature; 6. Study design and strength of evidence; 7. Instruments and measurements: precision and validity; 8. Sources of bias; 9. Review of basic statistics; 10. Hypothesis testing; 11. Type I errors and number needed to treat; 12. Negative studies and type II errors; 13. Risk assessment; 14. Multivariate analysis; 15. Randomized clinical trials (RCTs); 16. Scientific integrity and the responsible conduct of research; 17. Applicability and strength of evidence; 18. An overview of decision making in medicine; 19. Sources of error in the clinical encounter; 20. The use of diagnostic tests; 21. Utility and characteristics of diagnostic tests: likelihood ratios, sensitivity and specificity; 22. Bayes' theorem, predictive values, post test probabilities and interval likelihood ratios; 23. Comparing tests and using ROC curves; 24. Incremental gain and the threshold approach to diagnostic testing; 25. Sources of bias and critical appraisal of studies of diagnostic tests; 26. Screening tests; 27. Practice guidelines and clinical prediction rules; 28. Decision analysis; 29. Cost effective analysis; 30. Outcome analysis; 31. Meta-analysis; Appendix 1. Common medical journals; Appendix 2. Glossary; Appendix 3. Bibliography; Appendix 4. Levels of evidence and grades of recommendations; Appendix 5. Overview of critical appraisal; Appendix 6. Common statistical tests; Appendix 7. Useful Web sites; Appendix 8. Formulae; Appendix 9. Proof of Bayes' Theorem; Appendix 10. Balance sheet approach to calculating threshold values.

2004 392pp 146 illustrations
978 0 521 54027 8 (0 521 54027 5)
• PB and CD Rom • £27.99
978 0 521 83261 8 (0 521 83261 6)
• HB and CD Rom • £55.00

Applied Longitudinal Data Analysis for Epidemiology A Practical Guide

Jos W. R. Twisk
Institute for Research in Extramural Medicine, Amsterdam,
The Netherlands

In this book the most important techniques available for longitudinal data analysis are discussed, including simple techniques, and more sophisticated techniques such as generalised estimating equations and random coefficient analysis.

'... a welcome reference manual or practical guide for practitioners of statistical methods in (but not limited to) epidemiological and clinical studies. Some practitioners of statistics may have struggled to learn longitudinal data analysis by reading manuals of software packages, this book is potentially of great benefit to them.'

JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION

Contents: 1. Introduction; 2. Study design; 3. Continuous outcome variables; 4. Continuous outcome variables – relationships with other variables; 5. Other possibilities to model longitudinal data; 6. Dichotomous outcome variables; 7. Categorical and 'count' outcome variables; 8. Longitudinal studies with two measurements: the definition and analysis of change; 9. Analysis of experimental studies; 10. Missing data in longitudinal studies; 11. Tracking; 12. Software for longitudinal data-analysis; 13. Sample size calculations.

2003 318pp 203 illustrations
978 0 521 52580 0 (0 521 52580 2) • PB • £27.99

Principles of Statistical Inference

D. R. Cox
Nuffield College, Oxford, UK

Presenting a comprehensive and balanced appraisal of statistical inference. D.R. Cox develops the key concepts, describing and comparing the main ideas and controversies over foundational issues that have been keenly argued for more than two-hundred years. Continuing a sixty-year career of major contributions to statistical thought, no one is better placed to give this much-needed account of the field. The book will be valued by every user or student of statistics who is serious about understanding the uncertainty inherent in conclusions from statistical analyses.

2006 236pp 5 illustrations
978 0 521 68567 2 (0 521 68567 2) • PB • £19.99
978 0 521 86673 6 (0 521 86673 1) • HB • £45.00

Medical Statistics from A to Z A Guide for Clinicians and Medical Students

B. S. Everitt
Institute of Psychiatry, London, UK

From 'Absolute risk' to 'Zero-sum game' – this accessible introduction to the terminology of medical statistics encompasses more than 1500 terms all clearly explained, illustrated and defined in non-technical language, and without any mathematical formulae! A painless guide to the bewildering world of medical statistics for doctors and students alike.

Features

- An accessible, user friendly, non-technical introduction to statistics
- 1500 terms and definitions, supplemented with suggested further reading and references, helpful tips and asides, and illustrated throughout
- Cross-referencing between related entries provides easy navigation and a deeper insight into the topic

2003 236pp 84 illustrations
978 0 521 53204 4 (0 521 53204 3) • PB • £22.99
978 0 521 82506 1 (0 521 82506 7) • HB • £50.00

Now in Paperback

The Cambridge Dictionary of Statistics

3rd edition

B. S. Everitt
King's College London, UK

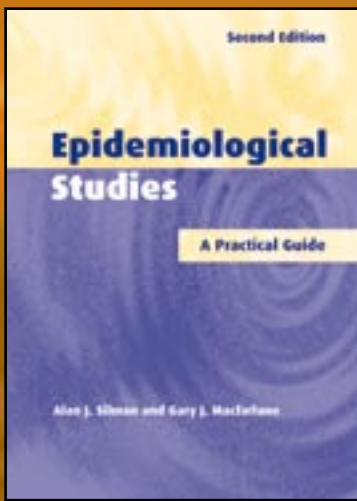
Easy access to simple, reliable definitions and explanations of modern statistical and statistics-related concepts. Over 3600 terms are defined, covering medical, survey, theoretical, and applied statistics, including computational aspects. Most definitions include a reference to an extended account of the term; many are accompanied by graphical material to aid understanding.

Earlier edition:

'This is a valuable reference book for all statisticians and medical researchers who use and who need to understand statistics ... [It] should be purchased by statisticians, libraries that support medical and veterinary departments, and research workers in medicine.'

JOURNAL OF APPLIED ECOLOGY

2006 442pp 134 illustrations
978 0 521 69027 0 (0 521 69027 7) • PB • £17.99
978 0 521 86039 0 (0 521 86039 3) • HB • £45.00



Epidemiological Studies A Practical Guide 2nd edition

Alan J. Silman
and Gary J. Macfarlane

Both from University of Manchester, UK

This successful book explains the principles and practice of epidemiology, serving as a handbook for those who wish to do epidemiology; it uses relevant exercises and examples, taken from real life, to illustrate how to set up a study; it serves to produce valid results that will satisfy grant bodies, ethical committees and journal editors; ultimately it bridges the gap between theory and practice.

From a review of the first edition:

'... lucid explanations and succinct, well-chosen examples ... make the book a rapid read ... Readers who follow his guidance will indeed learn painlessly to do epidemiology.'

BRITISH MEDICAL JOURNAL

> *New sections on: Comparing Rates, Choice of Study Design, Conducting a Pilot Study and Crude,*

> *Age-Specific and Standardised Rates*

Contents: Part I. Introduction; Part II. Measuring the Occurrence of Disease; Part III. Studying Associations between Risk Factors and Disease; Part IV. Selection of Populations and Samples to Study; Part V. Information from Epidemiological Studies; Part VI. Analysis and Interpretation of Epidemiological Data; Part VII. Other Practical Issues.

2002 256pp 60 illustrations
978 0 521 00939 3 (0 521 00939 1) • PB • £26.00
978 0 521 81097 5 (0 521 81097 3) • HB • £55.00

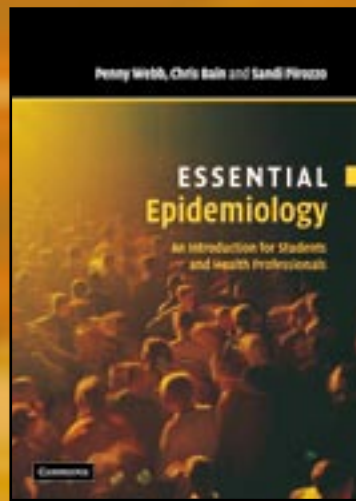
Statistical Modeling for Biomedical Researchers A Simple Introduction to the Analysis of Complex Data

William D. Dupont
Vanderbilt University, Tennessee, USA

This text will enable biomedical researchers to use several advanced statistical methods that have proven valuable in medical research.

Contents: 1. Introduction; 2. Simple linear regression; 3. Multiple linear regression; 4. Simple logistic regression; 5. Multiple logistic regression; 6. Introduction to survival analysis; 7. Hazard regression analysis; 8. Introduction to Poisson regression; 9. Multiple Poisson regression; 10. Fixed effects analysis of variation; 11. Repeated-measures analysis of variation.

2002 404pp 101 illustrations 74 exercises
978 0 521 65578 1 (0 521 65578 1) • PB • £33.00



Essential Epidemiology An Introduction for Students and Health Professionals

Penny Margaret Webb, Christopher James Bain
and Sandi Lynn Pirozzo

All from the University of Queensland

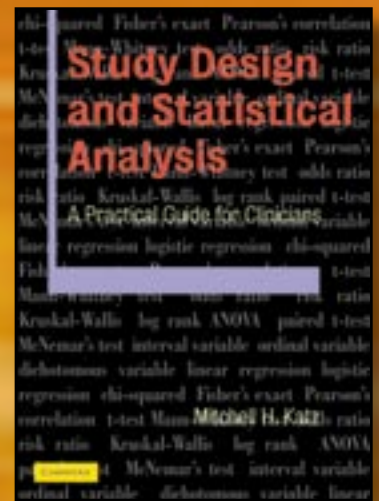
An accessible, modern introduction to epidemiology for students of medicine and public health. It combines a strong public health perspective with modern methodological insights. It emphasises the fundamental principles common to all areas of epidemiology, and integrates public health and clinical epidemiology and the study of infectious and chronic diseases.

Features

- *Includes chapters on reading the literature and writing reviews that are central to public health but are often not addressed by other introductory level texts*
- *Extensive use of examples (modern and classical) and questions and exercises to reinforce key points*

Contents: 1. Epidemiology is ...; 2. How long is a piece of string? Measuring disease frequency; 3. Who, what, where and when? Finding and using public health data; 4. Watching not waiting: surveillance and epidemiological intelligence; 5. Why? Linking exposure and disease; 6. Solid foundations: research designs for public health; 7. All that glitters is not gold: the problem of error; 8. Muddled waters: the challenge of confounding; 9. Bringing it together: reading and writing papers in practice; 10. Who sank the boat? Association and causation; 11. Assembling the building blocks: reviews and their uses; 12. Outbreaks, epidemics and clusters; 13. Prevention: better than cure?; 14. Early detection: what benefits at what cost?; 15. A final word ...

2005 366pp 128 illustrations
978 0 521 54661 4 (0 521 54661 3) • PB • £24.99



Study Design and Statistical Analysis A Practical Guide for Clinicians

Mitchell Katz
University of California, San Francisco, USA

This book takes the reader through the entire research process: choosing a question, designing a study, collecting the data, using univariate, bivariate and multivariable analysis, and publishing the results. It does so by using plain language rather than complex derivations and mathematical formulae. It focuses on the nuts and bolts of performing research by asking and answering the most basic questions about doing research studies. It has numerous tables, graphs and tips to help demystify the process. It is illustrated with up-to-date examples from the clinical literature.

Features

- *Provides a conceptual understanding in a non-mathematical way*
- *Nuts and bolts practical approach for clinical relevance*
- *Includes answers to basic questions*

Contents: 1. Introduction; 2. Designing a study; 3. Data management; 4. Univariate statistics; 5. Bivariate statistics; 6. Multivariable statistics; 7. Sample size calculation; 8. Diagnostic and prognostic studies; 9. Limitations of statistics; 10. Special topics; 11. Writing up the study for publication; 12. Conclusion.

2006 200pp 23 illustrations
978 0 521 53407 9 (0 521 53407 0) • PB • £24.99
978 0 521 82675 4 (0 521 82675 6) • HB • £55.00

Bestseller

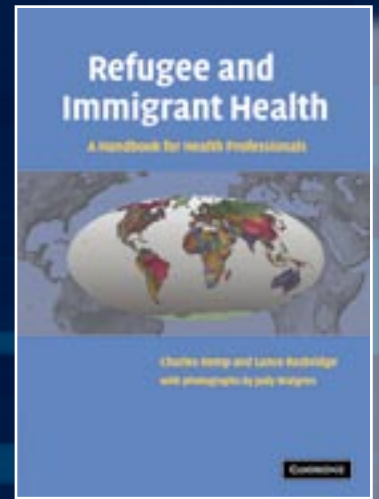
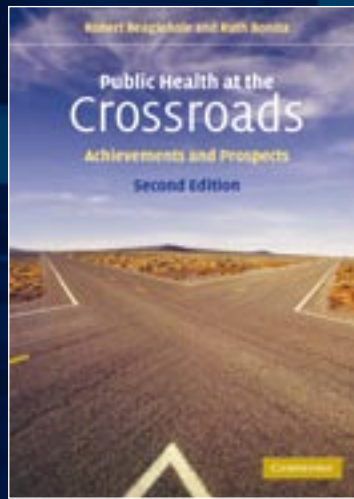
Multivariable Analysis A Practical Guide for Clinicians 2nd edition

Mitchell H. Katz
University of California, San Francisco, USA

This new edition has been fully revised to build on the enormous success of its popular predecessor. It now includes new features introduced by readers' requests including a new chapter on propensity score, more detail on clustered data and Poisson regression and a new section on analysis of variance. As before it describes how to perform and interpret multivariable analysis, using plain language rather than complex derivations and mathematical formulae.

Contents: Preface; 1. Introduction; 2. Common uses of multivariable models; 3. Outcome variables in multivariable analysis; 4. Types of independent variables in multivariable analysis; 5. Assumptions of multiple linear regression, logistic regression, and proportional hazards analysis; 6. Relationship of independent variables to one another; 7. Setting up a multivariable analysis; 8. Performing the analysis; 9. Interpreting the analysis; 10. Checking the assumptions of the analysis; 11. Propensity scores; 12. Correlated observations; 13. Validation of models; 14. Special topics; 15. Publishing your study; 16. Summary: steps for constructing a multivariable model.

2006 220pp 41 illustrations
978 0 521 54985 1 (0 521 54985 X) • PB • £27.99 | 978 0 521 84051 4 (0 521 54985 X) • HB • £60.00



PUBLIC HEALTH

Air, the Environment and Public Health

Anthony Kessel

London School of Hygiene and Tropical Medicine, UK

Tracing the theme of air and health from ancient civilisations to the present day the book explores the changing conceptions of air and health alongside historical developments in public health. The book covers areas such as air and health in early civilisations, smoke pollution, modern air pollution epidemiology, and climate change. Blending public health science, history of medicine, ethics and philosophy, the book will be of interest to those working or studying in public health, environmental health, medicine, history of medicine, and medical ethics.

Features

- *Inter-disciplinary, it is a unique blend of public health science, history of medicine, ethics and philosophy*
- *Highly topical and relevant to contemporary concerns about air pollution and climate change*
- *Suitable for students of public health and professional practitioners*

Contents

Part I. Whole Air; Part II. Polluted Air; Part III. Air Pollution, Epidemiology and Public Health; Part IV. New Horizons.

2005 260pp 6 illustrations

978 0 521 83146 8 (0 521 83146 6) • HB • £50.00

Public Health at the Crossroads Achievements and Prospects 2nd edition

Robert Beaglehole
and Ruth Bonita

Both from the World Health Organization, Geneva, Switzerland

An introduction to public health as a discipline and a critique of its recent development. This extensively revised edition reviews major health trends, the current state of the world's health, and the latest estimates of the global burden of disease. With examples drawn widely from rich and poor countries, the authors argue for an inclusive vision of public health based on the application in public policy of improved epidemiological understanding of the causes of disease. It will be essential reading for all those in public health.

'The accessible style of this book, liberally illustrated with the bullet points and chapter summaries, should ensure its place on the reading lists of schools of public health. It may help to inspire a new generation of public health practitioners to become broader, braver and more effective than their forebears.'

HEALTH ECONOMICS

Contents: Preface; Part I. Global Health: 1. Health, disease and the health transition; 2. Global health: past trends and present challenges; 3. Contemporary global health issues; Part II. Epidemiology: 4. Evolution of epidemiology: ideas and methods; 5. The current state of epidemiology: achievements and limitations; 6. Challenges for epidemiology; Part III. Public Health: 7. Public health themes: historical and contemporary; 8. Public health organisation and practice in wealthy countries; 9. Public health organisation and practice in poor countries; 10. Public health at the crossroads; Index.

2004 298pp 31 illustrations

978 0 521 54047 6 (0 521 54047 X) • PB • £29.99

978 0 521 83291 5 (0 521 83291 8) • HB • £65.00

Refugee and Immigrant Health A Handbook for Health Professionals

Charles Kemp

Baylor University, Texas, USA

and Lance Rasbridge

Parkland Health and Hospital Systems, Dallas, Texas, USA

We live in an age of constantly shifting populations, as immigrants and refugees seek a safe haven from war, famine and poverty. Based on the authors' combined forty-plus years of work as clinicians and teachers in refugee and immigrant health, this account is practical, yet theory-based, so it can be used in the field and as a teaching text. It bridges physical health (highlighting infectious disease risks), mental health, and spiritual issues. It also details health beliefs and practices of 30 cultures from more than 40 countries.

Features

- *Focus on cultural competence*
- *Balances theory and clinical application of theory*
- *Population-specific information on 30 cultures and broad background issues on immigrants and refugees*

Contents: Part I. Issues and Background; Part II. Cultural Traditions and Populations.

2004 394pp 20 illustrations

978 0 521 53560 1 (0 521 53560 3) • PB • £40.00

978 0 521 82859 8 (0 521 82859 7) • HB • £80.00

Dicing with Death Chance, Risk and Health

Stephen Senn

University College London, UK

An explanation of the whys and hows of statistical reasoning in medicine and health.

'... thought provoking and rewarding ... whether your taste is for the nitty-gritty of controversies, like the alleged link between childhood MMR vaccination and autism, or for pensive reflection on the philosophy of knowledge, you will find much of value here.'

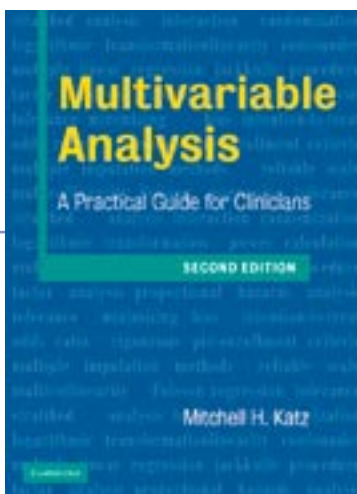
NEW SCIENTIST

Contents: Preface; 1. Circling the square; 2. The diceman cometh; 3. Trials of life; 4. Of dice and men; 5. Sex and the single patient; 6. A hale view of pills; 7. Time's tables; 8. A dip in the pool; 9. Things that bug us; 10. The law is a ass; 11. The empire of the sum.

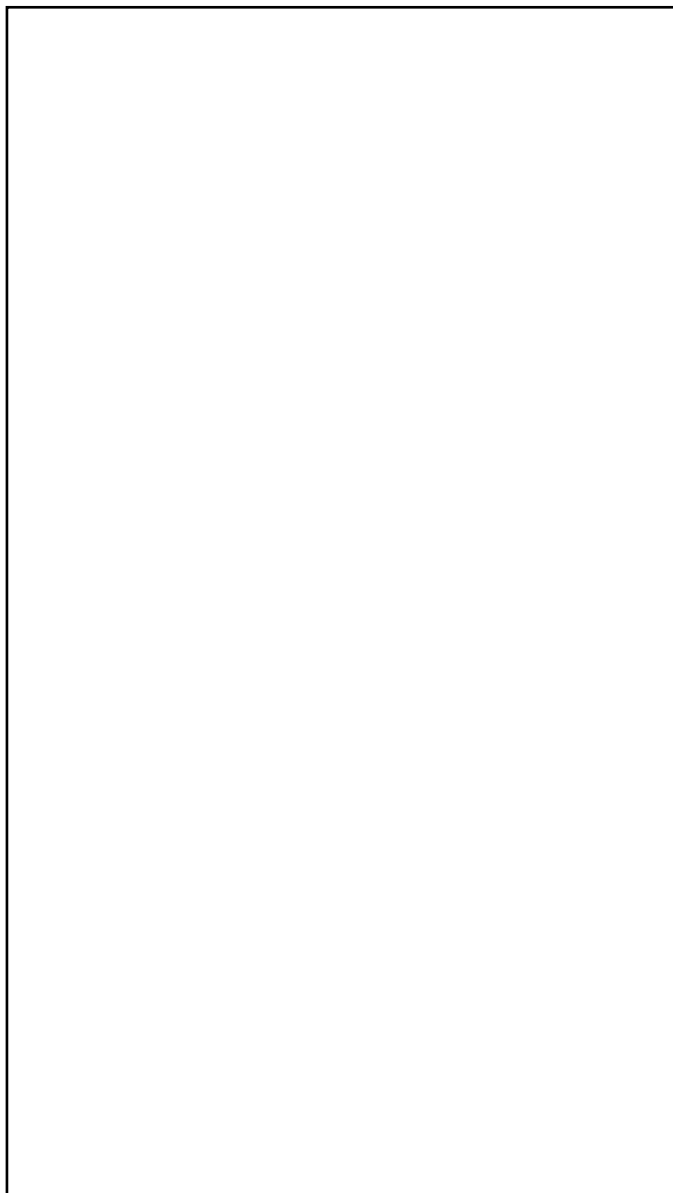
2003 264pp 64 illustrations

978 0 521 54023 0 (0 521 54023 2) • PB • £15.99

978 0 521 83259 5 (0 521 83259 4) • HB • £45.00



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FORTHCOMING

Genetics, Health Care and Public Policy

An Introduction to Public Health Genetics

Alison Stewart, Philippa Brice, Hilary Burton
All from Public Health Genetics Unit, Cambridge, UK

Paul Pharoah
University of Cambridge, UK

Simon Sanderson
Public Health Genetics Unit, Cambridge, UK

Ron Zimmern
Public Health Genetics Unit, Cambridge, UK

Public health genetics brings together the insights of genetic and molecular science as a means of protecting and improving the health of the population. This book sets out the basic principles involved and provides one-stop introductory coverage of this rapidly developing and multidisciplinary field.

2007 400pp 42 illustrations
978 0 521 52907 5 (0 521 52907 7) • PB • c. £35.00

ALSO OF INTEREST

9/11: Mental Health in the Wake of Terrorist Attacks

Edited by Yuval Neria, Raz Gross, Randall Marshall, and Ezra Susser
All from Columbia University, New York, USA

'This is a great and exciting book; a volume filled with stories of endeavour, achievement, appraisal and learning; stories of heroism, challenge and hope. It will become a handbook for all who would research the impact of disaster and terrorism on mental health and well-being.'

BEVERLY RAPHAEL

Oct 2006 416pp 77 illustrations
978 0 521 83191 8 (0521831911) • HB • £60.00

Vector- and Rodent-Borne Diseases in Europe and North America

Distribution, Public Health Burden, and Control

Norman Gratz
World Health Organization, Geneva

This important new reference details the distribution, prevalence and incidence of each of these diseases in Europe, the USA and Canada, along with detailed descriptions of their vectors, reservoirs and public health concerns. Essential reading for medical entomologists, medical zoologists, public health authorities and epidemiologists.

Nov 2006 400pp 22 illustrations
978 0 521 85447 4 (0 521 85447 4) • HB • c. £65.00

JOURNALS

Epidemiology and Infection

ISSN: 0950-2688

Epidemiology and Infection publishes original reports and reviews on all aspects of infection in man and animals. Emphasis is given to the epidemiology, prevention and control of infectious diseases, but coverage includes microbiology, virology, immunology, tropical infections, food hygiene, statistics and the clinical, social and public health aspects of disease.

www.journals.cambridge.org/jid_HYG

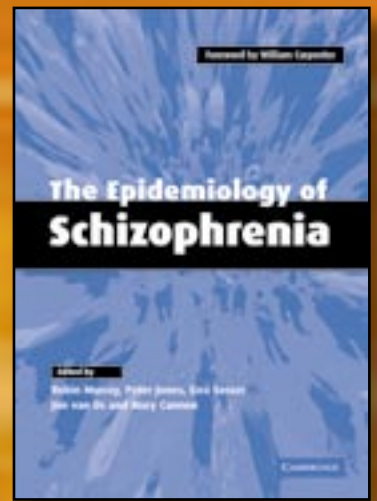
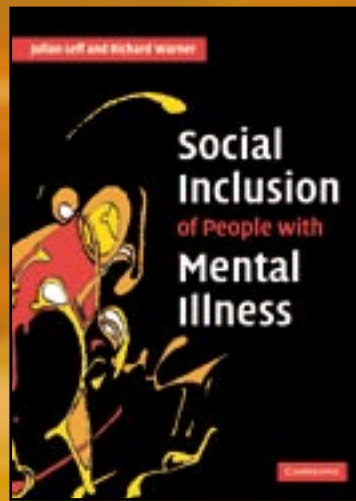
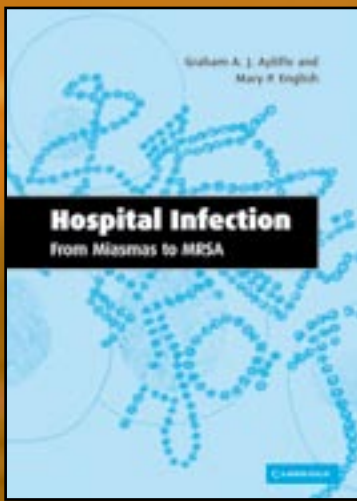
Journal of Biosocial Science

ISSN: 0021-9320

Journal of Biosocial Science acts as an essential journal for all biological and social scientists working in the common ground between biology and sociology, including social and biological aspects of reproduction and its control, gerontology, ecology, genetics, applied psychology, sociology, education, criminology, demography, health and epidemiology.

www.journals.cambridge.org/jid_JBS

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PUBLIC HEALTH

Hospital Infection From Miasmas to MRSA

Graham A. J. Ayliffe
University of Birmingham, UK

Mary P. English
United Bristol Hospitals Trust, UK

This is an absorbing account of the continuing battle to control hospital infections, from the earliest days of hospital care when bad air or miasma was thought to be the cause, to the present day and the emergence of antibiotic-resistant 'superbugs' such as MRSA and necrotizing fasciitis.

'Despite a daunting remit, the authors accomplish their task with panache, incorporating history and science in a book that manages to stay fresh and readable where the nature of the subject matter could have rendered it dry ... full of fascinating snippets of information ... the book is a valuable history of an extremely important subject, one that is often neglected in medical schools'

BRITISH MEDICAL JOURNAL

2003 288pp 30 illustrations
978 0 521 53178 8 (0 521 53178 0) • PB • £29.99

Outcomes Assessment in Cancer

Measures, Methods and Applications

Edited by Joseph Lipscomb
National Cancer Institute, Bethesda, Maryland, USA

Carolyn C. Gotay
Cancer Research Center, Hawaii, USA

and Claire Snyder
National Cancer Institute, Bethesda, Maryland, USA

Cancer has profound effects on patients and families, but measuring outcomes such as quality of life poses unique challenges. This book provides perspectives on the state of cancer outcomes measurement and offers a penetrating discussion on a topic critically important to evaluating and enhancing the quality of cancer care.

2004 676pp 105 illustrations
978 0 521 83890 0 (0 521 83890 8) • HB • £95.00

Social Inclusion of People with Mental Illness

Julian Leff
Institute of Psychiatry, London, UK

and Richard Warner
University of Colorado, USA

People with serious mental illness no longer spend years of their lives in psychiatric institutions. In developed countries, there has been a major shift in the focus of care from hospitals into the community. However, whilst it means those with mental illness are not confined, it does not guarantee they will be fully integrated into their communities. This book analyses the causes of these barriers and suggests ways of dismantling them.

Features

- Takes an interdisciplinary approach including coverage of social, clinical and economic aspects
- Describes innovative service interventions for use in clinical practice
- Accessible to a wide range of readership groups

Contents: 1. Introduction: Barriers to social and occupational integration; 2. The course of psychoses; 3. The nature of stigma; 4. Poverty and social disadvantage; 5. Ameliorating users' symptoms; 6. Dismantling psychiatric institutions; 7. Reducing fear and discrimination among the public; 8. Tackling self-stigmatisation; 9. Overcoming obstacles to employment; 10. Economic obstacles to employment; 11. The spectrum of work programmes; 12. Social firms; 13. Innovative strategies; 14. Inclusion and empowerment of consumers.

2006 202pp 2 illustrations
978 0 521 61536 5 (0 521 61536 4) • PB • £29.99

Reducing the Stigma of Mental Illness

A Report from a Global Association

Norman Sartorius
Université de Genève, Switzerland

and Hugh Schulze

This book details the results of the Open Doors Programme, begun in 1996 by the WPA, to fight the stigma and discrimination attached to mental illness. It provides recommendations and guidance for those seeking to join this international effort or start similar efforts.

2005 264pp 15 illustrations
978 0 521 54943 1 (0 521 54943 4) • PB • £30.00

The Epidemiology of Schizophrenia

Edited by Robin M. Murray
Institute of Psychiatry, London, UK

Peter B. Jones
University of Cambridge, UK

Ezra Susser
Columbia University, New York, USA

Jim Van Os
Universiteit Maastricht, Netherlands

and Mary Cannon
Institute of Psychiatry, London, UK

An epidemiological overview of schizophrenia, drawing together the findings from social, genetic, developmental and classical epidemiology. Controversial issues on its nature and cause are explored in depth, and separate chapters are devoted to suicide, violence and substance abuse, new prospects for treatment, and prevention.

2002 470pp 58 illustrations
978 0 521 77540 3 (0 521 77540 X) • HB • £65.00

Epidemiology and Culture Theme Book

James A. Trostle
Trinity College, Hartford, Connecticut, USA

This book shows how practitioners in the emerging field of 'cultural epidemiology' describe human health, communicate with diverse audiences, and intervene to improve health and prevent disease. By unpacking many common disease risks and epidemiologic categories, it reveals unexamined assumptions and shows how sociocultural context influences measurement of disease.

2005 228pp 10 illustrations
978 0 521 79389 6 (0 521 79389 0) • PB • £15.99
978 0 521 79050 5 (0 521 79050 6) • HB • £40.00



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