

CAMBRIDGE

Great Titles in Epidemiology from Cambridge!

A Clinician's Guide to Statistics and Epidemiology in Mental Health

Measuring Truth and Uncertainty

S. Nassir Ghaemi

\$50.00; Pb: 978-0-521-70958-3; 166 pp.

Global Perspectives on Mental-Physical Comorbidity in the WHO World Mental Health Surveys

Edited by Michael R. Von Korff, Kate M. Scott, and Oye Gureje

\$120.00; Hb: 978-0-521-19959-9; 340 pp.

Statistical Modeling for Biomedical Researchers

A Simple Introduction to the Analysis of Complex Data

William D. Dupont

"This is a welcome edition of Dupont's book. The topics are comprehensive and well developed."

—*Teaching Statistics in Health Sciences Newsletter*

\$126.00; Hb: 978-0-521-84952-4; 542 pp.
\$63.00; Pb: 978-0-521-61480-1

Evidence-Based Diagnosis

Thomas B. Newman and Michael A. Kohn

\$130.00; Hb: 978-0-521-88652-9; 312 pp.
\$49.99; Pb: 978-0-521-71402-0

Survival Analysis for Epidemiologic and Medical Research

Steve Selvin

Practical Guides to Biostatistics and Epidemiology

\$95.00; Hb: 978-0-521-89519-4; 296 pp.
\$39.99; Pb: 978-0-521-71937-7

Bioviolence Preventing Biological Terror and Crime

Barry Kellman

\$88.99; Hb: 978-0-521-88325-2; 390 pp.
\$32.99; Pb: 978-0-521-70969-9

Multivariable Analysis

A Practical Guide for Clinicians

Mitchell H. Katz

"I would recommend this book to anyone who wants to learn (or teach) statistics in the health sciences. This is a must-read, practical statistics book for clinical researchers."

—*Teaching Statistics in Health Sciences Newsletter*

\$59.00; Pb: 978-0-521-54985-1; 220 pp.

Essential Epidemiology

An Introduction for Students and Health Professionals

Penny Webb, Chris Bain, and Sandi Pirozzo

"In this book, the authors have succinctly outlined the key concepts in modern epidemiology...According to the authors, the way forward is to 'think smarter'—this book provides the ideal starting point for those wanting to do just that."

—*International Journal of Epidemiology*

Essential Medical Texts for Students and Trainees

\$60.00; Pb: 978-0-521-54661-4; 366 pp.

Epidemiology and Culture

James A. Trostle

"This well-written book provides an excellent discussion of how culture influences epidemiologic research. It is an important book for anyone working in epidemiology of human health or interested in the sociocultural influences on the measurement of disease."

—*Martha Gulati, Northwestern Memorial Hospital, Epidemiology and Culture*

Cambridge Studies in Medical Anthropology

\$85.00; Hb: 978-0-521-79050-5; 232 pp.
\$33.99; Pb: 978-0-521-79389-6

Prices subject to change.



www.cambridge.org/us/mathematics



CAMBRIDGE
UNIVERSITY PRESS

First View Articles

The following papers have recently been published online ahead of print in *Epidemiology and Infection*. To read the abstracts, and access the full text of these papers, please visit journals.cambridge.org/HYGforthcoming

Title: Quantitative risk assessment to compare the risk of rabies entering the UK from Turkey via quarantine, the Pet Travel Scheme and the EU Pet Movement Policy

Authors: V. Rammial, R. Kosmider, O. Aylan, C. Freuling, T. Müller and A. R. Fooks

doi: 10.1017/S0950268809991221

Title: A cost-utility analysis of antenatal screening to prevent congenital rubella syndrome

Authors: A. K. Lugnér, L. Mollema, W. L. M. Ruijs and S. J. M. Hahné

doi: 10.1017/S0950268809991336

Title: Surveillance for outbreaks of influenza-like illness in the institutionalized elderly

Authors: A. Rosewell, C. Chiu, R. Lindley, D. E. Dwyer, C. R. M. Moffatt, C. Shineberg, E. Clarke, R. Booy and C. R. MacIntyre

doi: 10.1017/S0950268809991440

Title: *Chlamydia pneumoniae* infection is associated with elevated body mass index in young men

Authors: A. Rantala, T. Lajunen, R. Juvonen, A. Bloigu, M. Paldanius, S. Silvennoinen-Kassinen, A. Peitso, O. Vainio, M. Leinonen and P. Saikku

doi: 10.1017/S0950268809991452

Title: Modelling multi-type transmission of pneumococcal carriage in Bangladeshi families

Authors: P. Erästö, F. Hoti, S. M. Granat, Z. Mia, P. H. Mäkelä and K. Auranen

doi: 10.1017/S0950268809991415

Title: Mathematical modelling of respiratory syncytial virus (RSV): vaccination strategies and budget applications

Authors: L. Acedo, J. Díez-Domingo, J.-A. Morano and R.-J. Villanueva

doi: 10.1017/S0950268809991373

Title: Variation in the host ABO blood group may be associated with susceptibility to hepatitis C virus infection

Authors: R. Behal, R. Jain, K. K. Behal and T. N. Dhole

doi: 10.1017/S0950268809991117

Title: ‘Feral’ and ‘wild’-type methicillin-resistant *Staphylococcus aureus* in the United Kingdom

Authors: R. Miller, A. S. Walker, K. Knox, D. Wyllie, J. Paul, E. Haworth, D. Mant, T. Peto and D. W. Crook

doi: 10.1017/S0950268809991294

Title: Molecular characterization of SAT 2 foot-and-mouth disease virus from post-outbreak slaughtered animals: implications for disease control in Uganda

Authors: S. N. Balinda, G. J. Belsham, C. Maseмба, A. K. Sangula, H. R. Siegismund and V. B. Muwanika

doi: 10.1017/S0950268809991427

Title: Common acute childhood infections and appendicitis: a historical study of statistical association in 27 English public boarding schools, 1930–1934

Authors: M. R. Smallman-Raynor, A. D. Cliff and J. K. Ord

doi: 10.1017/S0950268809991439

Title: Local meteorological conditions, dynamics of seroconversion to *Toxoplasma gondii* in cats (*Felis catus*) and oocyst burden in a rural environment

Authors: E. Afonso, P. Thulliez and E. Gilot-Fromont

doi: 10.1017/S0950268809991270

Title: Aichi virus infection in children with acute gastroenteritis in Finland

Authors: S. Kaikkonen, S. Räsänen, M. Rämetsä and T. Vesikari

doi: 10.1017/S0950268809991300

Title: Staphylococcal cassette chromosome *mec* (SCC *mec*) in methicillin-resistant coagulase-negative staphylococci. A review and the experience in a tertiary-care setting

Authors: E. Garza-González, R. Morfín-Otero, J. M. Llaca-Díaz and E. Rodríguez-Noriega

doi: 10.1017/S0950268809991361

Title: *Staphylococcus aureus* community-onset pneumonia in patients admitted to children's hospitals during autumn and winter of 2006–2007

Authors: A. J. Kallen, C. Reed, M. Patton, K. E. Arnold, L. Finelli and J. Hageman

doi: 10.1017/S095026880999135X

Title: Evaluation of *Clostridium difficile* in dogs and the household environment

Authors: J. S. Weese, R. Finley, R. R. Reid-Smith, N. Janecko and J. Rousseau

doi: 10.1017/S0950268809991312

Title: Changes in the intrafamilial transmission of hepatitis B virus after introduction of a hepatitis B vaccination programme in Korea

Authors: S. H. Jeong, H. W. Yim, S. H. Yoon, Y. M. Jee, S. H. Bae and W. C. Lee

doi: 10.1017/S0950268809991324

Title: A serosurvey reveals Bosnia and Herzegovina as a Europe's hotspot in hantavirus seroprevalence

Authors: M. Hukic, J. Nikolic, A. Valjevac, M. Seremet, G. Tesic and A. Markotic

doi: 10.1017/S0950268809991348

Title: Influenza-attributable mortality in Australians aged more than 50 years: a comparison of different modelling approaches

Authors: A. T. Newall, C. Viboud and J. G. Wood

doi: 10.1017/S095026880999118X

Title: Epidemiology of bloodstream infections in patients with haematological malignancies with and without neutropenia

Authors: C.-Y. Chen, W. Tsay, J.-L. Tang, H.-F. Tien, Y.-C. Chen, S.-C. Chang and P.-R. Hsueh

doi: 10.1017/S0950268809991208

Title: An outbreak of hepatitis A in Roma populations living in three prefectures in Greece

Authors: A. Vantarakis, A. Nearxou, D. Pagonidis, F. Melegos, J. Seretidis, P. Kokkinos, I. Zarkadis, T. Parasidis and Y. Alamanos

doi: 10.1017/S0950268809991257

EPIDEMIOLOGY & INFECTION

CONTENTS

REVIEW ARTICLE

Rabies epidemiology and control in Turkey: past and present

N. Johnson, H. Ün, A. R. Fooks, C. Freuling, T. Müller, O. Aylan & A. Vos 305

ORIGINAL PAPERS

Short Report: *Staphylococcus aureus* is the most common identified cause of cellulitis: a systematic review

S. Chira & L. G. Miller 313

Salmonellae and cholera

Short Report: *Salmonella enterica* serovar Typhi in Japan, 2001–2006: emergence of high-level fluoroquinolone-resistant strains

M. Morita, K. Hirose, N. Takai, J. Terajima, H. Watanabe, H. Sagara, T. Kurazono, M. Yamaguchi, Y. Kanazawa, T. Oyaizu & H. Izumiya 318

Salmonella enterica serotypes and antibiotic susceptibility in New Zealand, 2002–2007

E. I. Broughton, H. M. Heffernan & C. L. Coles 322

Sensitivity of environmental sampling methods for detecting *Salmonella* Enteritidis in commercial laying flocks relative to the within-flock prevalence

M. E. Arnold, J. J. Carrique-Mas & R. H. Davies 330

Sporadic *Salmonella enterica* serotype Javiana infections in Georgia and Tennessee: a hypothesis-generating study

L. S. Clarkson, M. Tobin-D'Angelo, C. Shuler, S. Hanna, J. Benson & A. C. Voetsch 340

El Tor cholera with severe disease: a new threat to Asia and beyond

A. K. Siddique, G. B. Nair, M. Alam, D. A. Sack, A. Huq, A. Nizam, I. M. Longini Jr., F. Qadri, S. M. Faruque, R. R. Colwell, S. Ahmed, A. Iqbal, N. A. Bhuiyan & R. B. Sack 347

Birds and humans

Flock management and histomoniasis in free-range turkeys in France: description and search for potential risk factors

M. P. Callait-Cardinal, E. Gilot-Fromont, L. Chossat, A. Gonthier, C. Chauve & L. Zenner 353

Risk factors for sanitary condemnation in broiler chickens and their relative impact: application of an original multiblock approach

C. Lupo, S. Bougeard, L. Balaine, V. Michel, I. Petetin, P. Colin, S. LeBouquin & C. Chauvin 364

Short Report: The role of birds in dissemination of *Francisella tularensis*: first direct molecular evidence for bird-to-human transmission

P. I. Padeshki, I. N. Ivanov, B. Popov & T. V. Kantardjiev 376

Animals and humans

Short Report: Zoonotic *Dirofilaria immitis* infections in a province of Northern Spain

R. Morchón, I. Moya, J. González-Miguel, M. N. Montoya & F. Simón 380

The impact of sheep breed on the risk of classical scrapie

K. M. McIntyre, H. Trewby, S. Gubbins & M. Baylis 384

Intravenous drug users

Diagnosis of hepatitis C virus infection in Scotland's injecting drug user population

S. A. McDonald, S. J. Hutchinson, P. R. Mills, S. M. Bird, C. Robertson, J. F. Dillon, A. Springbett & D. J. Goldberg 393

Seroepidemiology of human herpesvirus 8 (HHV-8) infection in injecting drug users

A. Zavitsanou, M. Malliori, V. Sypsa, M. Petrodaskalaki, M. Psychogiou, C. Rokka, A. Giannopoulos, V. Kalapothaki, D. Whitby & A. Hatzakis 403

Hygiene

Dirty hands: bacteria of faecal origin on commuters' hands

G. Judah, P. Donachie, E. Cobb, W. Schmidt, M. Holland & V. Curtis 409

Childhood infections

Measles outbreak linked to a minority group in Austria, 2008

D. Schmid, H. Holzmann, K. Schwarz, S. Kasper, H-W. Kuo, S. W. Aberle, M. Redlberger-Fritz, W. Hautmann, S. Santibanez, A. Mankertz, C. König, E. Magnet, S. Reichart, S. Meusburger, A. Luckner-Hornischer, A. De Martin, E. Bechter, J. Stirling & F. Allerberger 415

The utility of seroepidemiology for tracking trends in pertussis infection

H. E. Quinn, P. B. McIntyre, J. L. Backhouse, H. F. Gidding, J. Brotherton & G. L. Gilbert 426

A spatial analysis of the spread of mumps: the importance of college students and their spring-break-associated travel

P. M. Polgreen, L. C. Bohnett, M. Yang, M. A. Pentella & J. E. Cavanaugh 434

Anti-VP6 IgG antibodies against group A and group C rotaviruses in South India

I. Mukhopadhyaya, D. Anbu, M. Iturriza-Gomara, J. J. Gray, D. W. Brown, O. Kavanagh, M. K. Estes & G. Kang 442