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National Crime Victimization Survey: Prevalence Estimation Methods

Marcus Berzofsky Stephanie Zimmer Christopher Krebs

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Estimation Of Victimization Prevalence Using Data From The National Crime Survey

RJ Alexander



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Estimation of Victimization Prevalence Using Data from the National Crime Survey D. G. Saphire, 2012-12-06 The National Crime Survey is a sample survey of housing units conducted by the U S Bureau of the Census All eligible occupants of a sampled unit are interviewed every six months for up to seven interviews about victimizations that they have experienced during the previous six months In this monograph several longitudinal analyses are performed using a subsample of the data covering the years 1973 through 1975 In particular several methods of estimating the proportion of units that are crime free for a given year denoted by θ are discussed First several ad hoc as opposed to model based estimators of θ are discussed including those used by the Bureau of Justice Statistics We find models under which these estimators are consistent for θ One such model fits the data very well A superpopulation approach to the estimation of θ is then taken assuming that the nonresponse and sampling mechanisms are ignorable Three models are fit to the data i a homogeneous Bernoulli model under which victimization is independent from month to month ii a correlated Bernoulli model under which victimization in any two months has positive correlation ρ and iii a two state Markov model with states victimized and crime free The correlated Bernoulli model is found to be very inadequate The other two models fit the 1975 data well but have rather poor fits to the 1973 and 1974 data Rotation group biases are conjectured to be the cause of these poor fits

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The Fear of Crime Jason Ditton, Stephen Farrall, 2017-07-05 Studies of the fear of crime have constituted what is undeniably the fastest growing research area within criminology in the last decade and this shows no sign of diminishing The editors have a distinguished record of innovative research in the field being responsible for a number of seminal empirical

and theoretical articles In this volume they have collected together and for the first time all the most significant contributions to the field The collection includes an introductory essay by the editors and articles reflecting an overview of the field the causes of vulnerability the sources of information on victimisation the methods used to survey fear the theoretical models employed to explain it and the nature of policies designed to reduce fear

Case Studies in Bayesian Statistics, Volume II Constantine Gatsonis, James S. Hodges, Robert E. Kaas, Nozer D. Singpurwalla, 2012-12-06 Like its predecessor this second volume presents detailed applications of Bayesian statistical analysis each of which emphasizes the scientific context of the problems it attempts to solve The emphasis of this volume is on biomedical applications These papers were presented at a workshop at Carnegie Mellon University in 1993

Robust Statistics, Data Analysis, and Computer Intensive Methods Helmut Rieder, 2012-12-06 To celebrate Peter Huber's 60th birthday in 1994 our university had invited for a festive occasion in the afternoon of Thursday June 9 The invitation to honour this outstanding personality was followed by about fifty colleagues and former students from mainly all over the world Others who could not attend sent their congratulations by mail and e mail P Bickel It's hard to imagine that Peter turned 60 After a welcome address by Adalbert Kerber dean the following lectures were delivered Volker Strassen Konstanz Almost Sure Primes and Cryptography an Introduction Frank Hampel Zurich On the Philosophical Foundations of Statistics 1 Andreas Buja Murray Hill Projections and Sections High Dimensional Graphics for Data Analysis The distinguished speakers lauded Peter Huber a hard and fair mathematician a cooperative and stimulating colleague and an inspiring and helpful teacher The Festkolloquium was surrounded with a musical program by the University's Brass Ensemble The subsequent Workshop Robust Statistics Data Analysis and Computer Intensive Methods in Schloss Thurnau Friday until Sunday June 9-12 was organized about the areas in statistics that Peter Huber himself has markedly shaped In the time since the conference most of the contributions could be edited for this volume a late birthday present that may give a new impetus to further research in these fields

Justice Statistics Shana Hertz Hattis, 2022-11-15 Justice Statistics An Extended Look at Crime in the United States is a special edition of Crime in the United States It brings together key reports that fall under this category Topics covered include capital punishment rape and sexual assault among college age women correctional populations crime in the United States hate crimes probation parole human trafficking and law enforcement officers killed and assaulted Tables in this volume provide a comprehensive account of each of these subjects Each section contains statistical tables and figures highlighting the data as well as a brief summary of the report's methodology and at a glance highlights of the most compelling information This completely updated volume provides valuable information compiled by the Department of Justice including its subsidiaries the Bureau of Justice Statistics and the Federal Bureau of Investigation This publication includes more detailed information on the impact that COVID 19 had on law enforcement incarceration and the judiciary Additionally the section on capital punishment places more emphasis on the judicial process than on executions since capital punishment has been declining for two decades in the United States

Finally a new ten year report on recidivism of prisoners is included *OSU Statistics Technical Report* Ohio State University. Department of Statistics,1996 Uses of Criminal Statistics Kenneth Pease,1999 This volume comprises of a selection of imaginative and important research based upon published or readily available statistical sources These include some long neglected classics ripe for reconsideration and replication It also contains examples of statistical and graphical abuses for example a press release from British Telecom on the alleged success of its call tracing programme The book makes clear the scope for creative and policy relevant research using much despised statistics *Survey Methodology* ,1990

Proceedings of the Section on Survey Research Methods American Statistical Association. Survey Research Methods Section,1993 **Dissertation Abstracts International** ,1984-03 **The Risk of Violent Crime** Patrick A. Langan,Christopher A. Innes,1985 *Special Report* ,1984 Journal of the American Statistical Association ,2002

Bulletin - Institute of Mathematical Statistics Institute of Mathematical Statistics,1985 **Comprehensive Dissertation Index** ,1989 Encyclopedia of Statistical Sciences Samuel Kotz,Norman Lloyd Johnson,Campbell B. Read,1982 *Survey Research Designs: Towards a Better Understanding of Their Costs and Benefits* Robert W. Pearson,Robert F. Boruch,1986-11-18 Prepared under the Auspices of the Working Group on the Comparative Evaluation of Longitudinal Surveys Social Sciences Research Council **The Cumulative Book Index** ,1985 A world list of books in the English language American Doctoral Dissertations ,1983

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