



Epidemiologic Research: Principles and Quantitative Methods

By David G. Kleinbaum, Lawrence L. Kupper, Hal Morgenstern

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Epidemiologic Research Principles and Quantitative Methods David G. Kleinbaum, Ph.D. Lawrence L. Kupper. Ph.D. Hal Morgenstern, Ph.D.

Epidemiologic Research covers the principles and methods of planning, analysis and interpretation of epidemiologic research studies. It supplies the applied researcher with the most up-to-date methodological thought and practice. Specifically, the book focuses on quantitative (including statistical) issues arising from epidemiologic investigations, as well as on the questions of study design, measurement and validity. *Epidemiologic Research* emphasizes practical techniques, procedures and strategies. It presents them through a unified approach which follows the chronology of issues that arise during the investigation of an epidemic. The book's viewpoint is multidisciplinary and equally useful to the epidemiologic researcher and to the biostatistician. Theory is supplemented by numerous examples, exercises and applications. Full solutions are given to all exercises in a separate solutions manual. Important features

- Thorough discussion of the methodology of epidemiologic research
- Stress on validity and hence on reliability
- Balanced approach, presenting the most important prevailing viewpoints
- Three chapters with applications of mathematical modeling

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Editorial Review

Three chapters with applications of mathematical modeling About the Author

David G. Kleinbaum is Associate Professor of Biostatistics and Epidemiology at the University of North Carolina School of Public Health and holds a Ph.D. from the University of North Carolina. **Lawrence L. Kupper** is Professor of Biostatistics and Epidemiology at the University of North Carolina School of Public Health and holds a Ph.D. from the University of North Carolina. Drs. Kleinbaum and Kupper have worked on the development of applications of statistical methods to epidemiology for over ten years. They have conducted several epidemiological research studies and published their work in Biometrics and the American Journal of Epidemiology, among others. Their short course on the subject of this book is in high demand in the U.S. and internationally. They are also the authors of Applied Regression Analysis (Duxbury Press, 1977). **Hal Morgenstern** is Assistant Professor of Epidemiology at the Yale University School of Public Health. Dr. Morgenstern's work focuses on epidemiologic research methods and he has published extensively on the subject in the American Journal of Epidemiology, the International Journal of Epidemiology, Biometrics and the Journal of Community Health. Much of his research is applied to planning and policy issues, as well as to cardiovascular disease and to senile dementia. Dr. Morgenstern holds a Ph.D. in Epidemiology from the University of North Carolina, as well as degrees in Architecture from M.I.T. and in Regional Planning from the University of North Carolina. **Users Review**

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