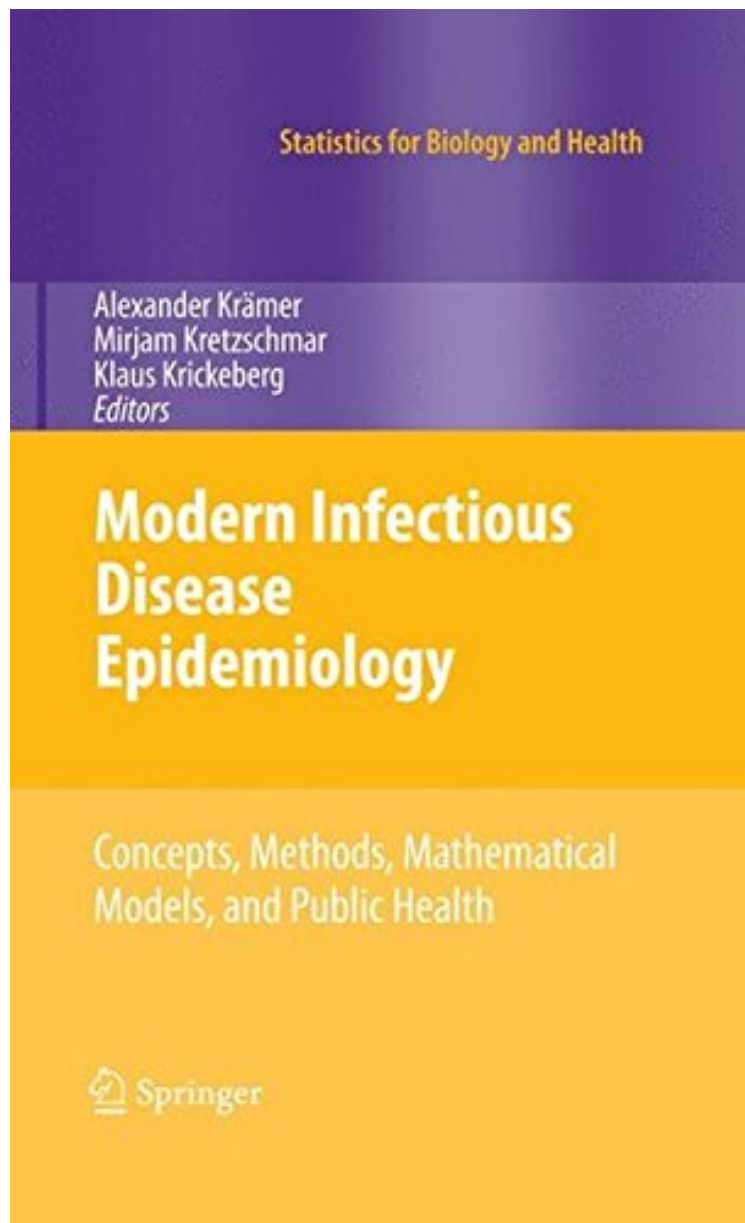


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Modern Infectious Disease Epidemiology: Concepts, Methods, Mathematical Models, and Public Health (Statistics for Biology and Health)

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before purchasing it in order to gauge whether or not it would be worth my time, and all praised *Modern Infectious Disease Epidemiology: Concepts, Methods, Mathematical Models, and Public Health (Statistics for Biology and Health)*:

3 of 3 people found the following review helpful. A good starting point
By MMR
The words 'Mathematical Models' in the title called my attention, but this is definitely not a math book. On the other hand, it is very comprehensive and gives a very good and up to date overview of social epidemiology, including modern diseases and some of the questions which touch modern life. It is, in this sense, better aimed at those who are in public health. Anyway, as I'm new to the subject, I consider the book a good starting point, but if you want to work the mathematics and statistics of epidemiology, you should go for Bailey's 'The Elements of Stochastic Processes with Applications to the Natural Sciences', and 'The Mathematical Theory of Epidemics'. Another more basic but also important book is 'Statistics for Epidemiology', by Nicholas Jewell.

Hardly a day goes by without news headlines concerning infectious disease threats. Currently the spectre of a pandemic of influenza A|H1N1 is raising its head, and heated debates are taking place about the pros and cons of vaccinating young girls against human papilloma virus. For an evidence-based and responsible communication of infectious disease topics to avoid misunderstandings and overreaction of the public, we need solid scientific knowledge and an understanding of all aspects of infectious diseases and their control. The aim of our book is to present the reader with the general picture and the main ideas of the subject. The book introduces the reader to methodological aspects of epidemiology that are specific for infectious diseases and provides insight into the epidemiology of some classes of infectious diseases characterized by their main modes of transmission. This choice of topics bridges the gap between scientific research on the clinical, biological, mathematical, social and economic aspects of infectious diseases and their applications in public health. The book will help the reader to understand the impact of infectious diseases on modern society and the instruments that policy makers have at their disposal to deal with these challenges. It is written for students of the health sciences, both of curative medicine and public health, and for experts that are active in these and related domains, and it may be of interest for the educated layman since the technical level is kept relatively low.

From the Back Cover
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