

Modeling infectious disease parameters based on serological and social contact data : a modern statistical perspective

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20419619&lokasi=lokal>

Abstrak

This book is focused on the application of modern statistical methods and models to estimate infectious disease parameters, with software guidance, such as R packages, and with data, and features valuable case studies. It is within this context that the Center for Statistics (CenStat, I-Biostat, Hasselt University) and the Centre for the Evaluation of Vaccination and the Centre for Health Economic Research and Modelling Infectious Diseases (CEV, CHERMID, Vaccine and Infectious Disease Institute, University of Antwerp) have collaborated over the past 15 years. This book demonstrates the past and current research activities of these institutes and can be considered to be a milestone in this collaboration.