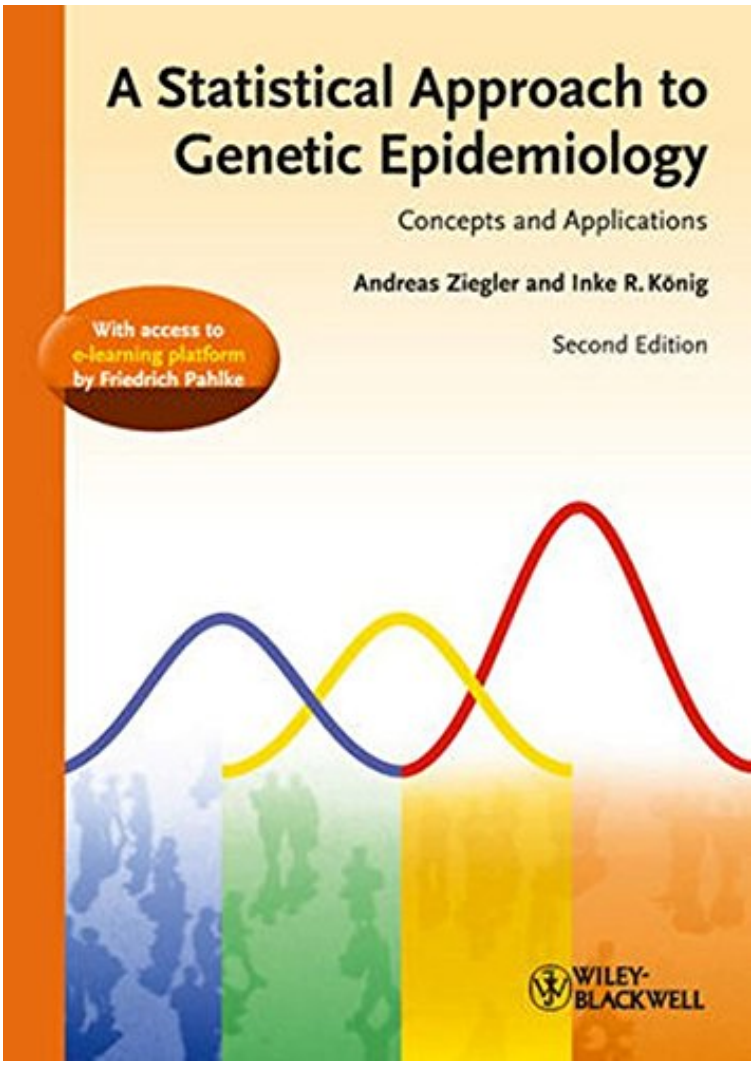
A Statistical Approach to Genetic Epidemiology: Concepts and Applications, with an e-Learning Platform

Andreas Ziegler, Inke R. Knig, Friedrich Pahlke
*audiobook | *ebooks | Download PDF | ePub | DOC*



#1766776 in Books Wiley-Blackwell 2010-03Original language:EnglishPDF # 1 9.50 x 1.12 x 6.70l, 2.18 #File Name: 3527323899522 pages | File size: 50.Mb

Andreas Ziegler, Inke R. Knig, Friedrich Pahlke : A Statistical Approach to Genetic Epidemiology: Concepts and Applications, with an e-Learning Platform before purchasing it in order to gage whether or not it would be worth my time, and all praised A Statistical Approach to Genetic Epidemiology: Concepts and Applications, with an e-Learning Platform:

1 of 2 people found the following review helpful. Great bookBy Jessica R.This book is really an excellent reference; probably the most complete reference in the field of genetic epidemiology. It contains information on biology - just

what's required to understand genetic epidemiology and statistical genetics - and mostly focuses on statistical issues. I haven't checked out the online resource - will update my review when I do!0 of 1 people found the following review helpful. e-learning inkBy Jim BurkeE-learning location for this 2nd ed book on the back of the cover is incorrect.Correct e-learning link is below. Hope picks this up.Oops no way. Go and find this book on Wiley. From the back cover, the first part of the link is good. Search for "A Statistical Approach to Genetic Epidemiology" in the Bcher-Schnell-Suche box. Then the correct e-learning link is there.The scope of material is large, so this will take me some time to read and consider (i.e. review) this book. I plan to also include a perspective on very recent research developments - 2012 to date.2 of 10 people found the following review helpful. StatsBy kwysockiCondition of the book excellent. Really like the colored graphics in this edition from the previous which I also own. The online apps are great. Thanks.

This is the second edition of the successful textbook written by the prize-winning scientist Andreas Ziegler, former President of the German Chapter of the International Biometric Society, and Inke Knig, who has been teaching the subject over many years. The book gives a comprehensive introduction into the relevant statistical methods in genetic epidemiology. The second edition is thoroughly revised, partly rewritten and includes now chapters on segregation analysis, twin studies and estimation of heritability. The book is ideally suited for advanced students in epidemiology, genetics, statistics, bioinformatics and biomathematics. Like in the first edition the book contains many problems and solutions and it comes now optionally with an e-learning course created by Friedrich Pahlke. This e-learning course has been developed to complement the book. Both provide a unique support tool for teaching the subject.

This is a well-written, quality addition to the literature. It is an excellent resource/textbook for those wanting to teach genetic epidemiology as well as those wishing to learn the basics of genetic epidemiology. The new edition improves on the previous edition and expands on necessary topics that have grown in importance over the last five years. (Doodys, 4 January 2013)About the AuthorAfter studying statistics and mathematics at the University of Munich and obtaining his doctoral degree from the University of Dortmund, Andreas Ziegler received the Johann-Peter-Smilch-Medal of the German Association for Medical Informatics, Biometry and Epidemiology for his post-doctoral work on "Model Free Linkage Analysis of Quantitative Traits" in 1999. In 2004, he was one of the recipients of the Fritz-Linder-Forum-Award from the German Association for Surgery. Andreas Ziegler is head of the Institute for Medical Biometry and Statistics at the University Clinic Schleswig-Holstein in Lbeck, an acknowledged center of excellence for genetic epidemiological methods. Currently he is President of the German Region of the International Biometric Society. Inke R. Knig studied psychology at the universities of Marburg (Germany) as a scholar of the German National Academic Foundation and Dundee (Scotland) with a grant from the German Academic Exchange Service (DAAD). She has done research work at the Institute of Medical Biometry and Epidemiology in Marburg and since 2001 at the Institute of Medical Biometry and Statistics in Lbeck. In 2004, she became vice director of the latter and also received the Fritz-Linder-Forum-Award from the German Association for Surgery. Besides holding the certificate "Biometrics in Medicine", she has collected teaching experience since 1998 as a lecturer for biomathematics, behavioural genetics, clinical epidemiology, genetic epidemiology, and evidence-based medicine. Friedrich Pahlke is Dipl. Inf. at the Institute for Medical Biometry and Statistics at the University Clinic Schleswig-Holstein in Lbeck. He has created the e-learning course which is optionally available with the book.