Optimal Design

By Heinz Holling

Hogrefe Publishing. Paperback. Book Condition: new. BRAND NEW, Optimal Design, Heinz Holling, The quality of experimental studies substantially depends on their design, which needs to be specified before data collection. The demand for optimal designs in psychological research and related fields has grown in recent years, not least due to complex and expensive methods such as neuroimaging techniques becoming standard procedures, which has increased the need to control the time and cost involved. Optimal design is also extremely valuable for large-scale assessments and adaptive testing. Beyond that, practically every psychological study may benefit from optimal design, as the reduction of experimental effort often amounts to 20 - 40%. Still, textbooks on experimental design usually do not cover optimal design, the existing literature on optimal design is often written rather technically and requires profound statistical knowledge, and software packages frequently used in psychology provide few opportunities for generating optimal designs. This volume provides an introduction to optimal design and an overview on new developments and applications of optimal design to several important topics in psychology, including multilevel analysis, event history analysis, functional magnetic resonance imaging (fMRI) studies, and optimal test assembly. All contributions in this compilation have been written with express...

READ ONLINE
[4.19 MB]

Reviews

Extensive information! Its this sort of great read through. It is amongst the most incredible book i have go through. I realized this publication from my i and dad suggested this book to understand.
-- Prof. Devon Bernhard PhD

An incredibly awesome publication with perfect and lucid reasons. It can be writter in simple phrases and not confusing. I am just delighted to let you know that this is actually the very best publication i actually have study during my very own lifestyle and could be he best publication for actually.
-- Paula Gutkowski