


[DOWNLOAD](#)


Sequential Analysis: Tests and Confidence Intervals

By David O. Siegmund

Springer-Verlag New York Inc., United States, 2010. Paperback. Book Condition: New. 232 x 154 mm. Language: English . Brand New Book ***** Print on Demand *****.The modern theory of Sequential Analysis came into existence simultaneously in the United States and Great Britain in response to demands for more efficient sampling inspection procedures during World War II. The developments were admirably summarized by their principal architect, A. Wald, in his book Sequential Analysis (1947). In spite of the extraordinary accomplishments of this period, there remained some dissatisfaction with the sequential probability ratio test and Wald's analysis of it. (i) The open-ended continuation region with the concomitant possibility of taking an arbitrarily large number of observations seems intolerable in practice. (ii) Wald's elegant approximations based on neglecting the excess of the log likelihood ratio over the stopping boundaries are not especially accurate and do not allow one to study the effect of taking observations in groups rather than one at a time. (iii) The beautiful optimality property of the sequential probability ratio test applies only to the artificial problem of testing a simple hypothesis against a simple alternative. In response to these issues and to new motivation from...



[READ ONLINE](#)
[7.47 MB]

Reviews

It is one of the best publications. It really is really intriguing through reading through period of time. You will not feel monotony at anytime of your own time (that's what catalogs are for relating to in the event you request me).

-- Dr. Pat Hegmann

It is one of my favorite publications. It is among the most awesome publication I have gone through. I am just quickly will get a delight of reading through a published publication.

-- Prof. Martin Zboncak DVM