Comparing two Accelerated Life Tests Via Posterior Bayes Factor

Josemar Rodrigues -ICMSC-USP
Heleno Bolfarine -IME-USP
Francisco L. Neto - UFSCar

This paper presents the posterior Bayes Factor (Aitkin, 1991) to compare two exponential accelerated life tests under the usual stress. An exact distribution and a table of the critical values of the proposed statistics are presented. A simulation study is also considered.