

How to Recognize and Analyze Truncated or Censored Measurement or Reliability Data
By Paul A. Tobias

Abstract

Reliability data or measurement data may have missing observations due to censoring or truncation. If the nature of the data is not understood and taken into account during the analysis, incorrect and possibly very misleading results could be obtained. This talk will describe the features of censored or truncated data sets and give examples and the correct likelihood functions needed to calculate maximum likelihood estimates for distribution parameters. An analysis example using either JMP or EXCEL is also included.