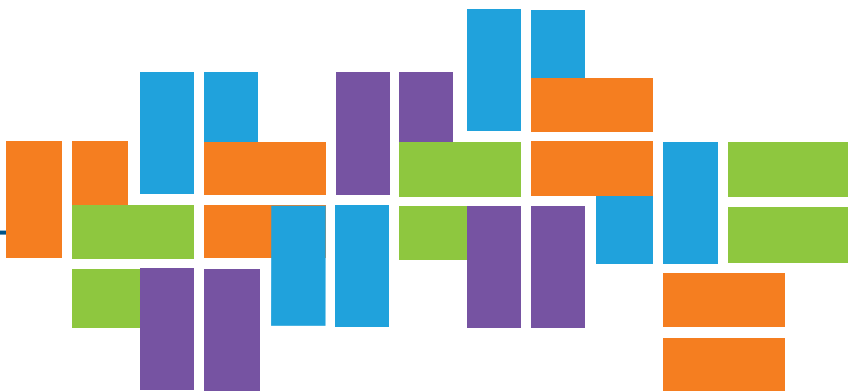


TORBECK'S
STATISTICAL
COOKBOOK
FOR SCIENTISTS
AND ENGINEERS



Lynn D. Torbeck

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**Torbeck's
Statistical Cookbook
For Scientists
And Engineers**

Lynn D. Torbeck

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Thank you Amy.

INTRODUCTION

This introduces a book of specific and unique statistical modules that are useful for statistical evaluation of industrial studies. These modules are for the busy industrial worker who needs to apply statistical techniques with the assurance they are using the technique correctly. (Selecting the correct technique is whole different issue.)

These modules are not a substitute for statistical knowledge. Using these modules does not excuse the reader/user from learning statistical concepts and theory. These modules are intended to fill a niche that is not currently addressed by other statistical books. In fact, these modules can be justified because there are so many texts that present theory and concepts.

Each module uses the same format with modifications. Where helpful, a worked example is presented in a parallel format of Procedure on the left and worked Example on the right. The sections used to organize the modules are:

Other names:

Acronyms:

Definition:

Question:

Related topics:

Philosophy:

Goal:

Note:

Assumed:

Rule:

Discussion:

Observation:

Measurement:

Calculation:

PROCEDURE

(1) (3)

(2) (4)

EXAMPLE

(1) (3)

(2) (4)

Comments:

Cautions:

Implications:

Advice:

Variations:

In math:

Quotable quote:

Regulatory:

Historical:

References:

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