

confidence level

The probability of covering the expected value of an estimated parameter with an interval estimated for the parameter (symbol $1 - \alpha$). The confidence level can be expressed as a number between 0 and 1, or in percent. The complementary quantity is known as the significance level.

Comment:

In some cases the confidence level is dictated by the needs of the situation. In all other instances, use of $1 - \alpha = 0.95$ is recommended.

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