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Paired Sample Created Jun 14, 2019 (07:41) by Vidhyadharan-ext, Vaishna

DefinitionLink Link

6 sigma: A sample in which each sampling unit contains a pair of observations that are not independent of one another (e.g. sampling ages of husband and wife as a single sampling unit).

Label(s)

English

Paired t Test Created Jun 14, 2019 (07:42) by Vidhyadharan-ext, Vaishna

DefinitionLink Link

6 sigma: A type of hypothesis test used when analyzing the difference between the means obtained from paired samples.

Label(s)

English

Part-to-Part variation Created Jun 14, 2019 (07:42) by Vidhyadharan-ext, Vaishna

DefinitionLink Link

TS 16949: Piece-to-piece variation due to measuring different parts.

Label(s)

English

Performance Created Jun 14, 2019 (07:43) by Vidhyadharan-ext, Vaishna

DefinitionLink Link

MSA: It is the net effect of all significant and determinable sources of variation over time. Performances quantifies the long term assessment of combined measurement errors.

Label(s)

English

Population Created Jun 24, 2019 (14:26) by Vidhyadharan-ext, Vaishna , last modified Aug 18, 2023 (07:08) by GUENNOUNI, Nathalie

DefinitionLink Link

ISO 3534: Totalité des individus pris en considération

Label(s)

French

English

Population Created Jun 24, 2019 (14:26) by Vidhyadharan-ext, Vaishna , last modified Aug 18, 2023 (07:08) by GUENNOUNI, Nathalie

Definition

[Link](#) [Link](#)

ISO 3534: Totality of items under consideration.

Label(s)

- [French](#)
- [English](#)

Power of a test Created Jun 24, 2019 (14:26) by Vidhyadharan-ext, Vaishna , last modified Aug 18, 2023 (07:08) by GUENNOUNI, Nathalie

Definition

[Link](#) [Link](#)

ISO 3534: 1 moins la probabilité de ne pas commettre l'erreur de seconde espèce

Label(s)

- [French](#)
- [English](#)

Power of a test Created Jun 24, 2019 (14:26) by Vidhyadharan-ext, Vaishna , last modified Aug 18, 2023 (07:08) by GUENNOUNI, Nathalie

Definition

[Link](#) [Link](#)

ISO 3534: One minus the probability of the type II error.

Label(s)

- [French](#)
- [English](#)

Pp Created Jun 14, 2019 (07:45) by Vidhyadharan-ext, Vaishna

Definition

[Link](#) [Link](#)

6 sigma: A capability index that measures the potential capability of a process to meet expected specification limits, or tolerance levels, in the long term, assuming the process is ideally centered (regardless of where the process is actually centered).

Label(s)

- [English](#)

Ppk Created Jun 14, 2019 (07:46) by Vidhyadharan-ext, Vaishna

Definition

[Link](#) [Link](#)

6 sigma: A capability index that measures the potential capability of a current process to meet expected specification limits, or tolerance levels, in the long term, using the current process average.

Label(s)

- [English](#)

Predicted R² Created Jun 24, 2019 (14:26) by Vidhyadharan-ext, Vaishna

Definition

[Link](#) [Link](#)

Minitab: Indicates how well the model predicts responses for new observations, whereas R2 indicates how well the model fits your data. Predicted R2 is between 0 and 1; larger values of predicted R2 suggest models of greater predictive ability.

Label(s)

- [English](#)

PRESS Created Jun 14, 2019 (07:47) by Vidhyadharan-ext, Vaishna , last modified Aug 18, 2023 (07:07) by GUENNOUNI, Nathalie

Definition

[Link](#) [Link](#)

Minitab: Prediction sum of squares; an assessment of your model's predictive ability. PRESS, similar to the residual sum of squares, is the sum of squares of the prediction error.

Label(s)

- [English](#)

Process Created Jun 14, 2019 (07:47) by Vidhyadharan-ext, Vaishna , last modified Aug 18, 2023 (07:07) by GUENNOUNI, Nathalie

Definition

[Link](#) [Link](#)

ISO 3534: Ensemble d'activités corrélées ou interactives qui transforme des éléments d'entrée en éléments de sortie,

Label(s)

- [French](#)

P-value Created Jun 14, 2019 (07:48) by Vidhyadharan-ext, Vaishna

Definition

[Link](#) [Link](#)

Minitab: The p-value is the probability of obtaining a test statistic that is at least as extreme as the actual calculated value, if the null hypothesis is true. A commonly used cut-off value for the p-value is 0.05.

Label(s)

- [English](#)

Precision Created Aug 18, 2023 (07:07) , last modified Aug 18, 2023 (07:08) by GUENNOUNI, Nathalie

Definition

[Link](#) [Link](#)

ISO 3534-2:2006: : closeness of agreement between independent test results obtained under stipulated conditions

Note 1 to entry: Precision depends only on the distribution of random errors and does not relate to the true value or the specified value.

Note 2 to entry: The measure of precision is usually expressed in terms of imprecision and computed as a standard deviation of the test results. Less precision is reflected by a larger standard deviation.

Note 3 to entry: Quantitative measures of precision depend critically on the stipulated conditions. Repeatability and reproducibility conditions are particular sets of extreme conditions.

Label(s)

- [English](#)