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

Definition

[Link](#) [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

Definition

[Link](#) [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

Definition

[Link](#) [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

Definition

[Link](#) [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

Definition

[Link](#) [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](#)