

T.N.P

Wilcoxon

Mann-Whitney

Kruskal-Wallis

$$t_{KW} = \frac{12}{n(n+1)} \sum_{j=1}^J n_j (\bar{R}_j - \bar{R})^2$$

Friedman

$$SQ_{\mu} = n \sum_{j=1}^J (\bar{r}_j - \bar{r})^2$$

$$SQ_{\mu} = \frac{1}{n-1} \sum_{i=1}^n \sum_{j=1}^J (r_{ij} - \bar{r}_j)^2$$

$$F_F = \frac{SQ_F}{SQ_{\mu}}$$

T. P

T di student

Proporzione

Test tabella di contingenza pearson X2

T. A.

Goodness of fit

ShapiroWilk

Kolmogorov-smirnov

ANOVA

$$F = \frac{SQ_S/(J-1)}{SQ_M/(n-J)}$$

ANCOVA

$$SQ_{tot} = SQ_{reg} + SQ_{res}$$

$$r_c = \frac{s_1}{S_0^2 1 + h_1}, \quad R^2 = \frac{SQ_{reg}}{SQ_{tot}}$$

$0 \leq R^2 \leq 1$

$\mu_1 = \mu_2$	$\mu_1 \neq \mu_2$	$\sigma^2 = \sigma_1^2 = \sigma_2^2$	$\sigma^2_1 \neq \sigma^2_2$
$\mu_1 = \mu_2$	$\mu_1 \neq \mu_2$	$\sigma^2 = \sigma_1^2 = \sigma_2^2$	$\sigma^2_1 \neq \sigma^2_2$
$\sigma^2_1 = \sigma^2_2$	$\sigma^2_1 \neq \sigma^2_2$	$\sigma^2_1 = \sigma^2_2$	$\sigma^2_1 \neq \sigma^2_2$

$\mu_1 = \mu_2$	$\mu_1 \neq \mu_2$	$\sigma^2 = \sigma_1^2 = \sigma_2^2$	$\sigma^2_1 \neq \sigma^2_2$
$\mu_1 = \mu_2$	$\mu_1 \neq \mu_2$	$\sigma^2 = \sigma_1^2 = \sigma_2^2$	$\sigma^2_1 \neq \sigma^2_2$
$\sigma^2_1 = \sigma^2_2$	$\sigma^2_1 \neq \sigma^2_2$	$\sigma^2_1 = \sigma^2_2$	$\sigma^2_1 \neq \sigma^2_2$

$\mu_1 = \mu_2$	$\mu_1 \neq \mu_2$	$\sigma^2 = \sigma_1^2 = \sigma_2^2$	$\sigma^2_1 \neq \sigma^2_2$
$\mu_1 = \mu_2$	$\mu_1 \neq \mu_2$	$\sigma^2 = \sigma_1^2 = \sigma_2^2$	$\sigma^2_1 \neq \sigma^2_2$
$\sigma^2_1 = \sigma^2_2$	$\sigma^2_1 \neq \sigma^2_2$	$\sigma^2_1 = \sigma^2_2$	$\sigma^2_1 \neq \sigma^2_2$