Testovacie štatistiky

$$Z = \frac{\overline{X} - \mu_0}{\sigma}\sqrt{n}$$

$$T = \frac{\overline{X} - \mu_0}{s}\sqrt{n}$$

$$Z = \frac{\overline{P} - p_0}{\sqrt{\frac{p_0(1-p_0)}{n}}}$$

$$Z = \frac{\overline{X} - \overline{Y} - (\mu_X - \mu_Y)}{\sqrt{\frac{S_X^2}{m} + \frac{S_Y^2}{n}}}$$

$$T = \frac{\overline{X} - \overline{Y} - (\mu_X - \mu_Y)}{S_p}\sqrt{\frac{mn}{m+n}} \qquad S_p = \sqrt{\frac{1}{m+n-2}((m-1)S_X^2 + (n-1)S_Y^2)}$$

$$Z = \frac{|\overline{P_X} - \overline{P_Y}|}{\sqrt{\overline{P}(1-\overline{P})(1/m + 1/n)}} \qquad \overline{P} = \frac{m\overline{P_X} + n\overline{P_Y}}{m+n}$$

$$T = \frac{\overline{D} - d_0}{S_D}\sqrt{n}$$