



~~$$Z = \frac{(\bar{X}_A - \bar{X}_B) - (\mu_A - \mu_B)}{\sqrt{\frac{\sigma_A^2}{n_A} + \frac{\sigma_B^2}{n_B}}}$$~~

~~$$t = \frac{\bar{X}_A - \bar{X}_B}{S_P \sqrt{\frac{1}{n_A} + \frac{1}{n_B}}}$$~~

$$t = \frac{\bar{X}_A - \bar{X}_B}{\sqrt{\frac{S_A^2}{n_A} + \frac{S_B^2}{n_B}}}$$

~~$$Z = \frac{\bar{D} - \mu_0}{\frac{\sigma_D}{\sqrt{n}}}$$~~

$$t = \frac{\bar{D} - \mu_0}{\frac{S_D}{\sqrt{n}}}$$

