

$$\sqrt{S_p^2 \left(\frac{1}{n_1} + \frac{1}{n_2} \right)}$$

with $\textcircled{2}$

$$S_p^2 = \frac{(n_1 - 1) S_1^2 + (n_2 - 1) S_2^2}{n_1 + n_2 - 2}$$

$$\sqrt{\left(\frac{S_1^2}{n_1} + \frac{S_2^2}{n_2} \right)}$$

$\textcircled{3}$

$$\sqrt{\left(\frac{\sigma_1^2}{n_1} + \frac{\sigma_2^2}{n_2} \right)}$$

$\textcircled{1}$

t dist $df = n_1 + n_2 - 2$ (2)

z dist (1)

t dist $df = \min \{ n_1 - 1, n_2 - 1 \}$ (3)