Test	Sampling Statistic	Population Variance	Standard Error (SE)
1-sample t test	$\bar{x} - \mu_0$	$s^2 = \frac{\sum(x-\bar{x})^2}{n-1}$	$\frac{s}{\sqrt{n}}$
2-sample t test[1] (difference of means)	$\bar{x}_A - \bar{x}_B$	$s_p^2 = \frac{\sum_{x\in A}(x-\bar{x}_A)^2 + \sum_{x\in B}(x-\bar{x}_B)^2}{n_A+n_B-2} = \frac{(n_A-1)s_A + (n_B-1)s_B}{n_A+n_B-2}$	$s_p\sqrt{\frac{1}{n_A}+\frac{1}{n_B}}$
2-sample z test (difference of proportion)	$p_A - p_B$		$\sqrt{\hat{p}(1-\hat{p})\left(\frac{1}{n_A}+\frac{1}{n_B}\right)}$
2-sample paired difference	$\frac{\sum d}{n} - \mu_0$	$s^2 = \frac{\sum\left(d-\bar{d}\right)^2}{n-1}$	$\frac{s}{\sqrt{n}}$

Confidence interval: sampling statistic $\pm\, t \cdot SE$
z-score (or t-score) : sampling statistic$/SE$

[1] Can also use non-pooled SE: $\sqrt{\frac{s_A}{n_A}+\frac{s_B}{n_B}}$