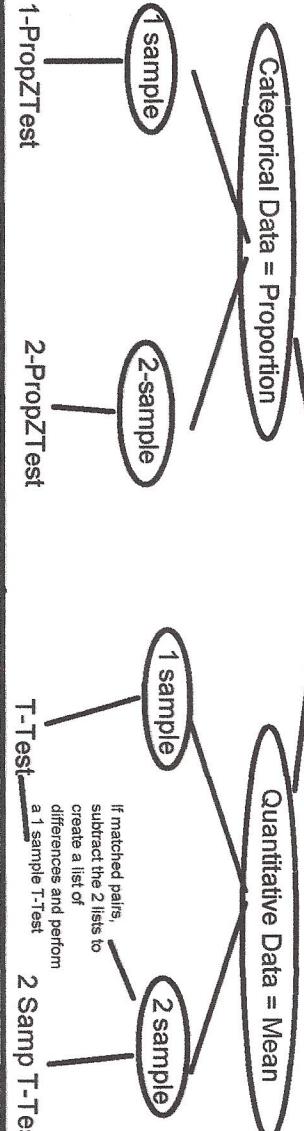


## Significance Tests



1-PropZInt	2-PropZInt	T-Int	2-SampT-Int
$\hat{p} \pm z^* \sqrt{\frac{\hat{p}(1-\hat{p})}{n}}$ conditions: * $n\hat{p} \geq 10$ AND $n(1-\hat{p}) \geq 10$ *SRS from the population of interest OR random assignment	$(\hat{p}_1 - \hat{p}_2) \pm z^* \sqrt{\frac{\hat{p}_1(1-\hat{p}_1)}{n_1} + \frac{\hat{p}_2(1-\hat{p}_2)}{n_2}}$ conditions: * $n_1\hat{p}_1 \geq 5$ AND $n_1(1-\hat{p}_1) \geq 5$ $n_2\hat{p}_2 \geq 5$ AND $n_2(1-\hat{p}_2) \geq 5$ *2 independent SRS from the populations of interest OR random assignment	$\bar{x} \pm t^* \frac{s}{\sqrt{n}}$ conditions: * $n \geq 30$ OR population is normal *SRS from the population of interest OR random assignment	$(\bar{x}_1 - \bar{x}_2) \pm t^* \sqrt{\frac{s_1^2}{n_1} + \frac{s_2^2}{n_2}}$ conditions: * $n_1 \geq 30$ AND $n_2 \geq 30$ OR populations are normal *2 independent SRS from the populations of interest OR random assignment