

No.	Type	Parameter	Assumptions	Estimate	SE	Distribution	R
1	Categorical	π		$\frac{X}{n}$ $\frac{X+2}{n+4}$	$\sqrt{\hat{\pi}(1-\hat{\pi})/n}$	z (approximation)	<code>prop.test(x,n,correct=F)</code>
1	Quantitative	μ		\bar{x}	s/\sqrt{n}	t	<code>t.test(x)</code>
2	Cat.-Cat.	π_{ij}		$\frac{n_{i.}n_{.j}}{n}$		chi-square	<code>chisq.test(t)</code>
2	Cat.-Quant.	$\mu_X - \mu_Y$		$\bar{x} - \bar{y}$	$\frac{s_x^2}{m} + \frac{s_y^2}{n}$	two sample t	<code>t.test(x~f,data=d)</code>