parameter	statistic	standard error	sampling distribution model
p	$\tilde{p} = \dfrac{y+2}{n+4}$	$\sqrt{\dfrac{\tilde{p}(1-\tilde{p})}{n}}$	z, plus 4 for confidence intervals
p	$\hat{p}$	$\sqrt{\dfrac{p_0(1-p_0)}{n}}$	z, for hypothesis tests of $\mathbf{H_0} : p = p_0$
μ	$\bar{y}$	$\dfrac{s}{\sqrt{n}}$	t (df: $n-1$)
$p_1 - p_2$	$\tilde{p}_1 - \tilde{p}_2$	$\sqrt{\dfrac{\tilde{p}_1(1-\tilde{p}_1)}{n_1+2} + \dfrac{\tilde{p}_2(1-\tilde{p}_2)}{n_2+2}}$	z, plus four for confidence intervals $\quad \tilde{p}_i = \left(\dfrac{y_i+1}{n_i+2}\right)$
$p_1 - p_2$	$\hat{p}_1 - \hat{p}_2$	$\sqrt{\hat{p}(1-\hat{p})\left(\dfrac{1}{n_1} + \dfrac{1}{n_2}\right)}$	z, for hypothesis tests (pooled) $\quad \hat{p} = \left(\dfrac{y_1+y_2}{n_1+n_2}\right)$
$\mu_1 - \mu_2$	$\bar{y}_1 - \bar{y}_2$	$\sqrt{\dfrac{s_1^2}{n_1} + \dfrac{s_2^2}{n_2}}$	t (df: funky)
μ_d	$\bar{y}_d$	$\dfrac{s_d}{\sqrt{n}}$	t (df: $n-1$) (n paired observations)
β_1	b_1	$\dfrac{s_e}{\sqrt{n-1}s_x}$	t (df: $n-2$)