

**KİTLE BAŞARI ORANI; P PARAMETRESİ İÇİN HİPOTEZ TESTLERİ VE
 $\%(1-\alpha)\times 100$ GÜVEN ARALIKLARI**

Yokluk Hipotezi: H_0	Test İstatistiği	Alternatif Hipotez: H_1	Kritik (Red) Bölge	$\%(1-\alpha)\times 100$ Güven Aralıkları
$P = P_0$	$Z_h = \frac{\hat{p} - P_0}{\sqrt{\frac{P_0(1-P_0)}{n}}}$	$P < P_0$	$Z_t < -z_{\alpha}^*$	$\hat{p} \pm z_{1-\frac{\alpha}{2}}^* \sqrt{\frac{P_0(1-P_0)}{n}}$
		$P > P_0$	$Z_t > z_{\alpha}^*$	
		$P \neq P_0$	$ Z_t > z_{\alpha/2}^*$	
$P_1 - P_2 = 0$ $P_1 = P_2 = P$	$Z_h = \frac{(\hat{p}_1 - \hat{p}_2)}{\sqrt{\hat{p}(1-\hat{p})\left(\frac{1}{n_1} + \frac{1}{n_2}\right)}}$ $\hat{p} = \frac{\sum_{i=1}^n x_i + \sum_{i=1}^n y_i}{n_1 + n_2}$	$P_1 - P_2 < 0$	$Z_t < -z_{\alpha}^*$	$(\hat{p}_1 - \hat{p}_2) \pm z_{1-\frac{\alpha}{2}}^* \sqrt{\hat{p}(1-\hat{p})\left(\frac{1}{n_1} + \frac{1}{n_2}\right)}$
		$P_1 - P_2 > 0$	$Z_t > z_{\alpha}^*$	
		$P_1 - P_2 \neq 0$	$ Z_t > z_{\alpha/2}^*$	