Z-sample test for proportions.

 H_{\circ} : $\Delta = 0$

H: A +0

 $\Delta = \mu_1 - \mu_2$

= P1 -P2

Data

În, Îz, Nr, Nz (50mples)

Number of successes (in the samples)

x = P, N1

N= Pz.Nz

 $\hat{P} = \frac{\chi + \eta}{\mu_1 + \mu_2}$

(pooled sample proportion)

2+ A-0 3e

5e= \(\frac{1}{7}(1-\hat{p})\). (\(\frac{1}{1}\) + \(\frac{1}{N}\) \(\text{N}_1\) \(\text{N}_2\)

- Z~N(0,1)