## LIS-Two Groups - Two propertions - Theoreticas

Validity Conditions - At least 10 observations in each category

Group A Group B

\* Result 1 210 210

12esult 2 ≥10 ≥10

 $\hat{\rho} = \frac{A_{R}}{A_{TR}} \qquad \hat{\rho}_{g} = \frac{B_{R}}{B_{TR}} \qquad \hat{\rho} = \frac{R}{R_{TR}}$ 

Statistic: Pi-Pi

Parameter: TI - TIZ

Validity Conditions: At least 10 observations in each category

 $Z = \frac{\hat{p_1} - \hat{p_2}}{\sqrt{\hat{p_1} + \frac{1}{p_2}}}$   $\neq \hat{p} \text{ is packed propertion}$ 

Confidence interval:  $(\hat{P_1} - \hat{P_2}) \stackrel{+}{=} Multiplier * \sqrt{\frac{\hat{P_1}(1-\hat{P_1})}{n_1} + \frac{\hat{P_2}(1-\hat{P_2})}{n_2}}$ 

Two sample 2-test" Standard error