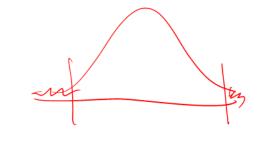


 $X \rightarrow Y$.



X2 test in Topic 6. In x c table. X-Y. 2x2 table

· random

cate; nominal.

. PExpected counts all 75 (for 2x2 table);

LExpected counts: > 757. of them are > 5. > 1 x & table

 $H_0: \mu = 1.63 \text{ m}$.

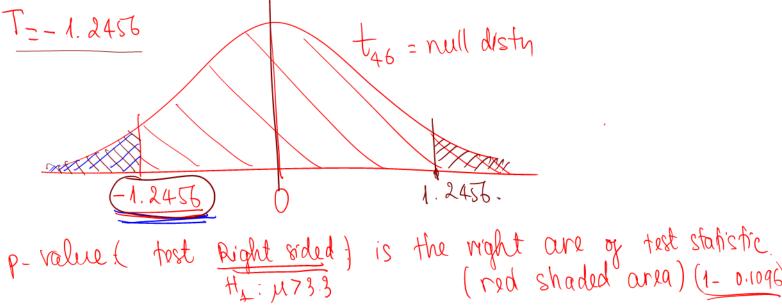
CLT: n>30 » X ~ N (M; 6/n)

SD of X is %/w

n is known but o is unknown.

» SD(X) = 0/m is unknown.

=> estimated by S/N, S = sample:= SE(X) deviation.



p-value (test is left sided): is left area of test statistic

Hi: µ < 3.3

(blue shaded area) = 0.1096

p-value (test is 2 sided): is the 2 fail probabilities.

Hi: µ ≠ 3.3

(2 shaded area in brown color)