Lec 23 12/0/15 RM 241

How do I pick to & that? How does of ply to

Ho! been aliens do not exist

Ha: Green alien do exist

of low -> skeptoc

& high -> credesless (pushour)

Ho! Grean olien exist

Ida: Geen Mon don earn

× lon > degrasse

& high . >

enidence Ho

Wher: if more the 5% of around don like a driver drive is first, Afor 1000 roles, Ober rules of decision; Ho P~ N(.05, (1000)) = M(0.05, 00692) Bro do I care? Ho: p = 0,05 (Vall) e defonds position Hn: p > 0.05 let x=2.5%, > Zx=2 hy nor 2? Ore-Sidel Obe-Sigle proportion test. (Righ-sindal) A Res. Regin = (-00, p + Z P (p) = (-00, 0638)

PEREX Regin = Resm Ho = Done good = done for \$ \$ '''' > Roger to > Diner bad > Free drag X=2.54. = All P(Type Jamon) Pyrus Ho = P (Shing a good domer) Pern Ho Peyers Ho

Type I en = P(Keeping a boad diner)

Type II en = P(Keeping a boad diner) Costs? Type & cost > Type I cost Hor so mkeptype Fen) sill? 49 x7

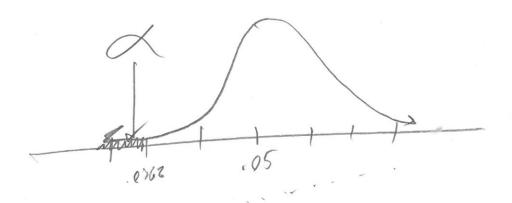
Corplain = >1

P = \frac{7!}{1000} = .071 & Res Pregin => Fix drun

There is another by to do this ...

Ho: p ≥ 0.05 (bad distra)
Ho: p < 0.05 (good distra)

X=1.5%



Res Pagin = [12, JPJ), 00) = [.0362,00)

Okun

to to Type I

16 FA TREA

Type I an: Keep a bad down on the road

Type Dan: fre a good dome

X = P(Type Len)

Whis de probler nich shis????

Penn to \$=0.071 19 Jess #1....

all these pas on regressions

Fisher had stis... He down think clear-care decisions of well for so Corphu this? Pul: - P (seing den or more extrem / Ho the = P(PAP) = P(P 2.07) | p=0.05) $= P \left(\frac{\hat{p} - 0.05}{0.009} \right) = P \left(\frac{2}{2} \right) = 0.019$ Are < 4 => Regent Ho

der O.1% is syn Vane...