

• I get more data, no 4, 421,000, 2003 considera (USA).

St(P) = [41100; Petainnat region=[pt 2 [n]]
= [,495,505]

2, 173,000 males 00)

A j= 2,113,100 = .51165

4,427,00

the retailment report the.

+ Bigger a gives somber

Martine I error

+ Type are error dieself change or a gres up & down.

prior - not on final

Return Ho # Accepting Ho

| Max p = 0.5 | Ho: p = 0.50001

| Ho: p ≠ 0.5 | Ho: p ≠ 0.50001

| n = 345 | N = 345

| x = 5% | x = 5% |
| p = .48 = peter Ho | p = .48 = peter Ho

0

Ho: UFO's & Allen do not exit

Ho: UFO's & Aliens & exit

Haido exid

Ha: do exit

a low

1 means can throw my evidua, duta, proof, will always be a NO!!! 3 ~ high

Ho : Aliens do exit Ha: Don't

Ho: Alius do exim. Ha: don4 a hight

≈ low nos 1 nothing on tell this guy to change his

· Case study: If Mure than 5% of passengers complain, the Uber driver is fired.

Uber makes a decision that is keep or fire after the state of the s

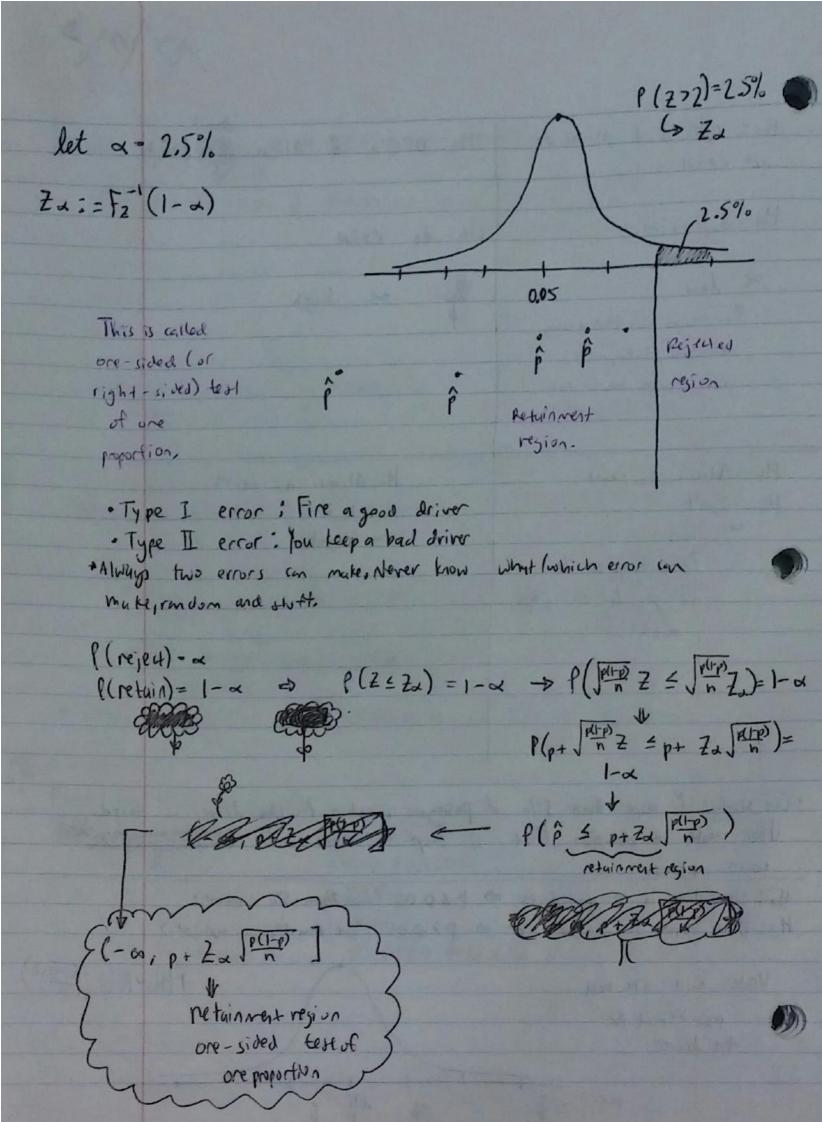
1000 rides.

Ho: Wher driver is a good driver at p 50.05 (less than 5% complaints)

Ha: Uber driver is a bud driver => p70.05 (more than 50% complaints)

Under null the best possible null for the driver.

PHO~N(p.(()2)2)



$$\hat{p} = \frac{71}{1000} = .071$$

$$\text{net in Mainword}$$

$$\text{region} \Rightarrow \text{Reject No. Fire driver.}$$

* Why does 5% * 6.36%?

\$*Will got close to 2

0.05 as laken

(penents producted probability of having a complaint.

The atunton the good drive, this had drive is one in which give true levels of the dretter doct.

So, late look at it the aller way:

Ho: bad done 120.05

Hai-good drive p < 0.05

progling else

same.

4 = 2.5%

Not a good idea became gains to reject a lot of driver.

perjent Retain

* Type I error: Keep a bad driver.
* Type II error: A lot, ex: fire a good driver.

