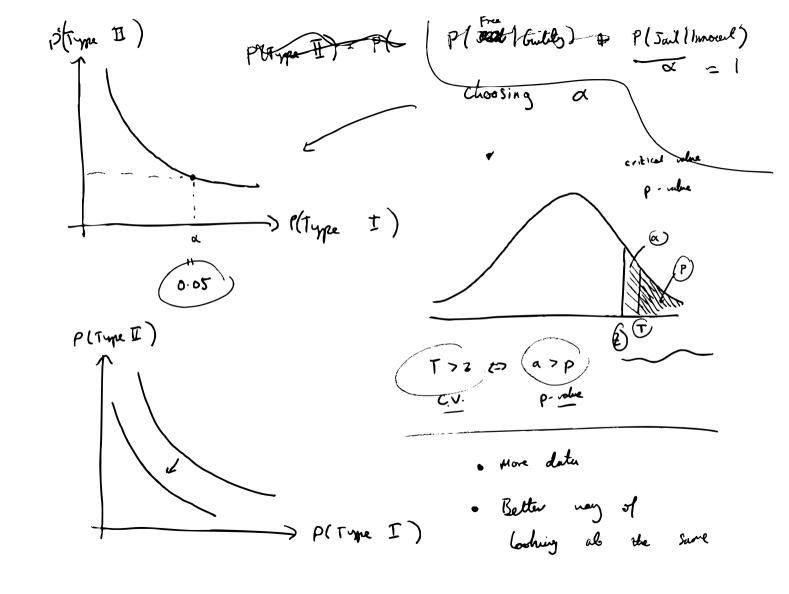
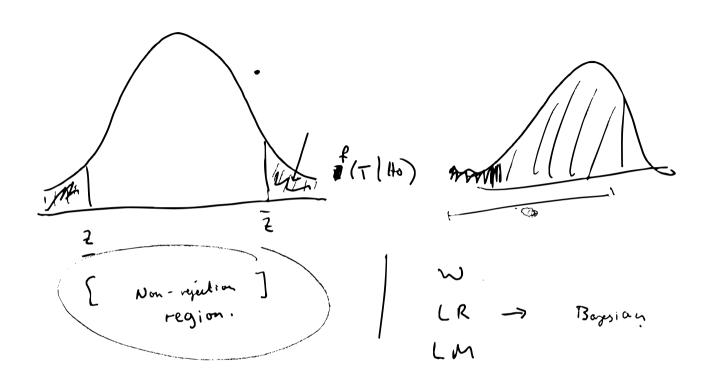
4xi3 110: Invocent Hi: Guilty Invocent until proven guilty" · Threshold in mind (reasonable doubt) T > t => reject the (back &) this thishold: (good) (Type I)

> not (Type II)

(bad)

0





Free Route Annount

P(Type I) 2 P(jail) unious)

Parer zut

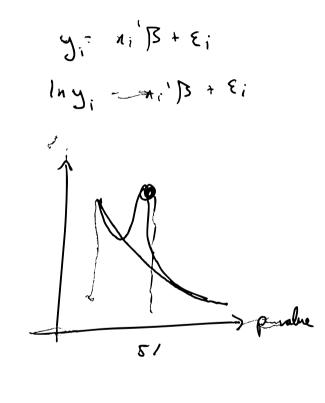
Zn

Power = 1- P(Type II) AD) P(Type I) ->PtType I) -> P(Type I) α

X ~~ ~ { h' e,) A1: 4 > 8 P(T=1 | N>7) = [P(T=1 n N>8)] P(roy) F

QUIZ 2 P (T me T)

313



X1-m ~ ~ (0,1) × ~ ~ (p, 1) CI for a) 95% x-n~~~(0, 100) X-M NNloil) 10(X-W) NN(011)

$$P(-1.96 \le 2 \le 1.96) = 0.95$$

$$P(-1.96 \le 2 \le 1.96) = 0.95$$

$$P(-1.96 \le 10(\bar{x}-\mu) \le 1.96) = 6.965$$

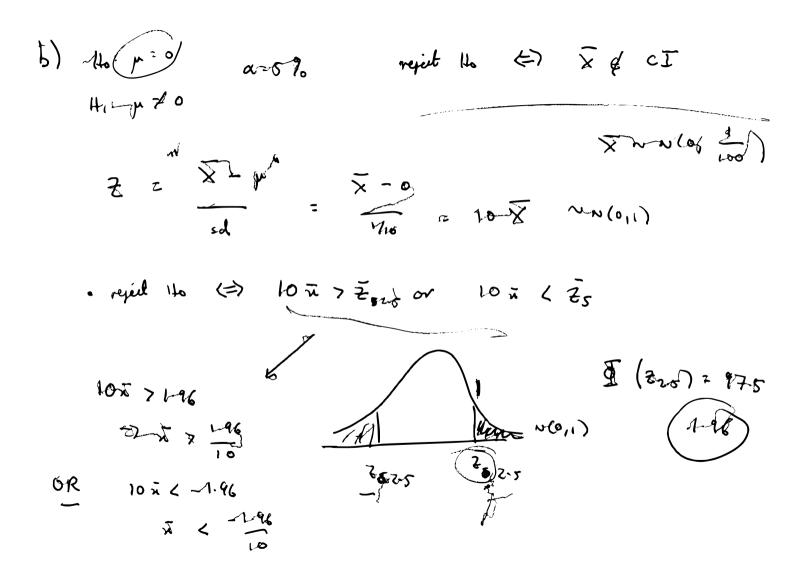
$$P(\frac{1.96}{10} > \mu = \bar{x} > \frac{1.96}{10}) = \frac{1.96}{10} \ge x^{-1}\mu \le \frac{1.96}{10}$$

$$P(-\frac{1.96}{10} \le x^{-1}\mu \le \frac{1.96}{10})$$

$$P(-\frac{1.96}{10} \le \mu = x^{-1} \le \frac{1.96}{10})$$

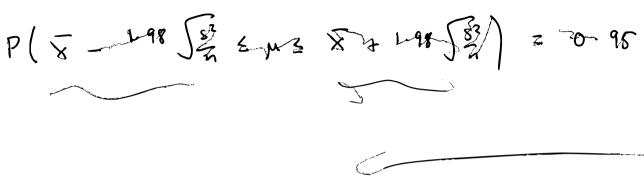
$$P(-\frac{1.96}{10} \le \mu = x^{-1} \le \frac{1.96}{10})$$

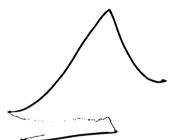
$$P(-\frac{1.96}{10} \le \mu = x^{-1} \le \frac{1.96}{10})$$

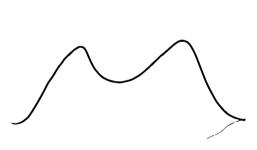


[\frac{1}{10} \fr E N CON)2

P(-1.98 5 T & 1-98) - Congres I P(-1.98) 5 5 5 46 48 5 = $P(-1.98 \int_{\frac{\pi}{n}}^{2^2} \le \overline{x} - \mu \le 1.98 \int_{\frac{\pi}{n}}^{2^2})$ 1-98 JE 2 N 8 3 A 98 JE

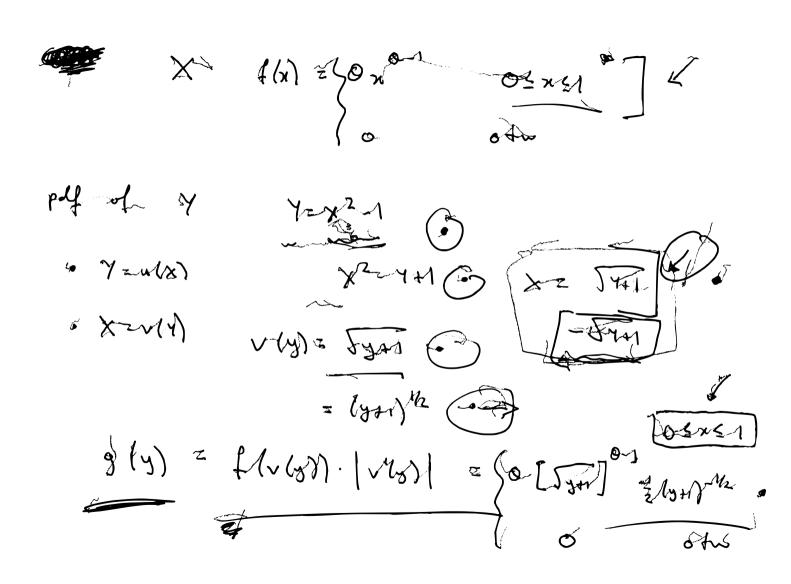






Hormany X NM MIN PT 854 > 20 / pm Gully Tuil (fuil text) (H) PCType II) More Sp (Type I)

May 28 Her hand Power type of (T zzad perso) Ploy() 3 4 1 (22 8 1)



03 Jyn 31 03×51 (=) 0 % YN & 1 (=>) -A 2 y 3 0 360 0 (yel) 12 (yel) 5/2 (NEYED) 2 (yar) 200-1 gly) = Salysin his s Lizyso