

1)

Significancia 
$$Q = 0.05$$

- 1 Parametre de interes: M
- 2 Hipotesis:

$$M_0 = 400$$

$$3 \quad \alpha = 0.05$$

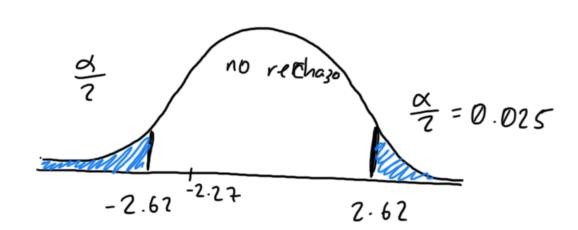
4 Estadístico de prunta

$$\bar{X} = 310 + 311 + 412 + 368 + 447 + 376 + 303 + 410 + 365 + 350$$

(viterio de rechazo

$$\frac{t}{\left(\frac{s}{\sqrt{n}}\right)} = \frac{365.2 - 400}{\left(\frac{48.41.671}{\sqrt{10}}\right)}$$

$$= -2.27$$



(on clusion Rechazou si

Rechazor si to E-2.62 esto no a comple por ende pademos rechazer la ho y decicon  $\alpha = 0.005$  and is a dicombe a 400.

$$n = 100$$

1 in Lever: M

$$\mu_0 = 0.20$$

Hipotesis:  $\mu_0 = 0.20$ 

n≥30 usamos z.

4 Estadistico prueba:

$$\frac{z_{0} = \frac{0.15 - 0.2}{\left(\sqrt{\frac{(\mu_{0})(\mu_{0}-1)}{100}}\right)} = \frac{0.15 - 0.2}{\left(\sqrt{\frac{(0.2)(0.8)}{100}}\right)} = -1.25$$