NTERNNUSS DE CONFINNZA

MTERUNUOS DE CONFINNZA

NFERENCIA

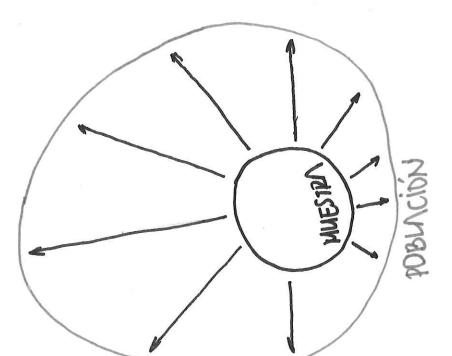
Puntua Estimación

Por intervalos de coufianza

Pruebas de Hipólesic

Ho: 8= Bo

Ha: 8 + 80



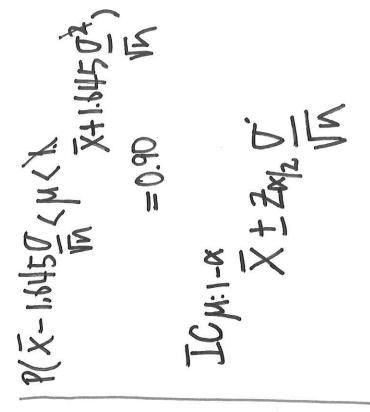
PAPA ENCONTRAR UN UNIOR APPOXIUADO A JUNNIO NO JE CONDICE EL VALOR DE UN PREMUETRO, JE UTILIZA UN ESTINACION PARTIR DE LOS UNLOPES DE UNA MUESTRA CUMNDO SE QUIERE UNITIONE UNA AFIRMACION JOBBE UN PARÂMETRU DE UNA POBLACION

ESTIMACIÓN POR INTERUADOS DECONFIANZA INFERENCIA ESTADISTÍCA ESTIMACIÓN

(LIC; LSC)

INTERNALOS DE CONFIANZA

M: 1000 1 8 0 835 -1645 P(-1.645 < 2< 4.645) = 0.90 P(-1.645 < 2< 242) = 1-00



P(-1.645 5 / X-M<1.645 5)-0.90

P(-1.645 × - 1.645) = 0.90

P(-1.6450-X<-H< 1.6450-X)=090

INTERVINDS DE CONFINNEA SUPRECTO

2+2a/2 U

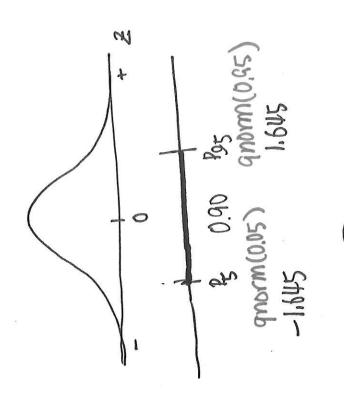
 $\times \times \times \times (\mu, \nabla^2)$

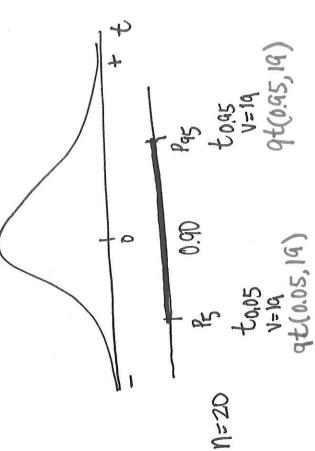
1 th S . x

· XNUOFMNL • 02 DEJ CONDCION

2+22 S

* XNDEJCOND CIDY * N>> TCL) XN NORMAL





$$p \pm 2n_L \sqrt{\frac{\hat{P}(1-\hat{P})}{n}}$$

$$1 >> 92$$

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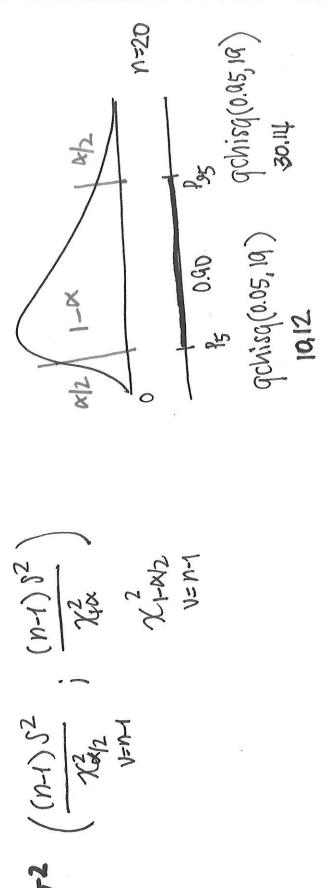
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900m (0.05) -1.645

JUPUESTO,

SURKETO2

H

02 CONDCION :

1 X+2kb ()

XNN(M,02)

02 DESCONDEIDN: X+t SINT

TOL X+ZARS

. MÉTONO NO PARAMETRICO (PEMUESTREO)

X S.

DIFERENCIA DE MEDIAS

MI-HZ. GRUPOS PNRENDOS O EMPINEZINDOS

d=Zdi

Ker de de

Ž....Ş

X4 1/2 d= X1-1/2

X1~12(M, 97)

(21-22) t tx12 Sp 1/1-12

(-,-) M

20+05

M1>M2

(+1+)

(-,+) M=M

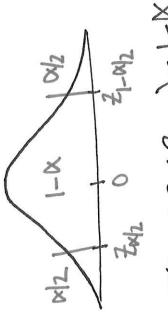
doudle Sp= (n,-1) S12 + (n2-1) S2 (52 + 1/2)

COMPARACIÓN DE MOPORCIONES

FAZÓN DE VARIANZAN

TAMANO DE MUESTAA

· ESTIMNCION DE M.



P(342 2 2 2 1-12)=1-K

DESPEJNMOS M

$$N = \frac{2a_{12}}{C^2} \times \sigma^2$$

CONFINNTY (1) VARIANZA (2)

ERPOR DE (5) MUESTREO

(2) UNSINNZY

(4) CONFINNZY

· PRUKEDA PILATO

· Estudio previo

· EXPERIO

02 MAX-MIN

(1) ERROR DE MUESTREO

B=1/M-X/LE (1)y(2) A CARGO DEL INVESTIGNODE

TAMATIO BE MUESTRA

· ESTIMACIÓN DE P

CONFINNZY (1) N = 242 Pg - UNPLANUTA (2)

CPROLDE (3)
MUESTREO

EPPOR DE MUESTIPEO

好

(1) CONFINNZY

1 P-17 148

1.645

300

WALIANZA

· PRUFEN PILLOTO

· UNCINNON MUXIMA

5分形的

0.1 0.9 0.09 0.2 0.8 0.45 0.3 0.7 0.21 0.3 0.7 0.21 0.5 0.5 0.24 0.5 0.4 0.24 pg | pg

0.7 6.3 6.24

08 02 10.4

2,576

200%

1.96

95%

0.0 10.09

TAULATIO DE MUESTRA

-CONFINITY (1)

· PRUEDA PIUNTO 202 UZ UNRINUZN (2)

-BROIL DE MUESTIPLEO (3)

N = 2012 PG -- UNRIANA(2) · UNPLIANZA MAX · PRUFER PRIOTO - CONFINIZY (4)

ETHOLDE METHED (5)

(1) y (3)

A CARGO DEL

INVESTIGNIDOR

SE DEBE CORREGIZED TO TAMAÑO DE POBLYCION FINITY MUESTRY POR 51 A > 0,05

1-27 = V

INTERUNDS DE CONFINNZA NO PARAMÉTRICOS

WETODO 1: (PRZ ; P1-MZ)

CUMUDO N < 30

XN ? (ND NORMAL

WEIDDD NO PRANMETHICO

· LUMESTER: KI, KZ, -.. Xn

· REMUESTIREO ALEMTORIO CON REPETICION

· SE RECONSTRUYE POBLACIÓN SIMULANDO UNA GRAND CANTIDAD DE VALORES

DEL ESTIMNDOR

· SE CALCULANO US PERCENTILES

LÉTODO 2.

(2X-P1-42; 2X-Paz)

XANID] (2005)

INTERVALOS DE CONFIANZA

ICM: X1242 UNFN (1)

ICM-12: 01th 54/m (4)

X±tm2 S(m(2)

 $(\bar{x}_1 - \bar{x}_2) \pm t_{ch_1} = \int_{1}^{1} \left(\frac{1}{N} + \frac{1}{L^2} \right)^{-1} (7)$

X+30 5/15 (3)

ICp: p + 242 (p(1-2) (4)

(x-x2)+tm (52+52 (8) ICA-A:

(8-2) + 2m (8(1-2) + 2(1-2) (9)

JC (St. 1-12)

ICA: ((n-1)52 (n-1)52)(5)

8