3 實習課作業 Week

N=10 = 7 = 13.63, S=6.05, N-1=9, 1-00-96解: = = 0.01 , to.01(9) = 2-821.

· ハシ98%信頼区间为 スナ七美(N-1) = 13.63 ± to.01(9) 115

= 13.63 ±2.821 X1.91

= 13.63 ± 5.39

取18.24, 19.02)、

4. (1) 1-0=0.98, 1 ==0.01, Z==20.01=2-327.

こ、P之98%信賴区间为 Pt Z 至 1 P(1-1) = 0.33 t 2.327 x 10.33x1.67

このろうせのようののろ

民P(0.30,0.36)

(2) N=820 X=650 $P=\frac{X}{N}=\frac{650}{820}=0.79$ 1-d=0.95 $\frac{X}{2}=0.024$

Z学= Z0、025=1、96. ハ P之95%信頼区间

Pt Zz P(1-P)

n = 0.79 th. 96x 2 =0.79 土1.796 灰0、094页

即(0.76,0.82) =0.79 ± 0.03