統計學 week6 作業 企管三甲 A106270024 廖德皓

and a
●day ●month
旦か教言果 3、n=10 〒=13.63 S=6.05 n-1=9 1-0=0.98 至この。14、n
3. n=10 = 13.63 S=6.05 N-1=9 1-0=0.98 &=0.0
PS-0=(8, X) 78.07 14, h
$\frac{1}{7} \pm \frac{1}{2} (n-1) = 13.63 \pm \frac{1}{2} \cdot \frac{1}{10} = 13.63 \pm \frac{1}{2} \cdot$
= 13.63 ± 2.82 x1.97 Files (1)
= 13.63 ± 5.39 [1.00.00.0]
= (8,24,19.02)#
= (8)24/11:22/#
4 (.)
4. (1) h=1200 $\hat{p}=0.33$ $1-\alpha=0.98 \approx =0.01$
$0.33 \pm 2.327 \times 0.33 \times 0.67$
7 1200
=0.33+0.03
= (0.30, 0.36)#
$(z) h = 800 \lambda = 650 P = \frac{650}{800} = 0.79$
$1-x=0.95$ $\frac{x}{2}=0.025$
1 W-U.75 2-0.029
0.79± 1.96× [0.79×0.2]
800
-0.79 ± 1.96× 0.014
50.7920.03
= (0.76, 0.82)#

14, h=15 =1.73 S=0.8 1-x=0.95 ==0.025

n-1=14

1.73 + to.025 (14) = 1.73 + 2.145 × == (1)

=1.73 = 0.44 = (1.29, 2.17)#

(2) 1.73 ± to.1 (14) 5.8 = 1.73 ± 1.345 6.8 $=1.73\pm0.28$ =(1.45, 2.01)