Week 3

(3) しい 1- $\alpha = 0.95$, $\frac{2}{2} = 0.025$, $\frac{2}{3} = \frac{2}{3}, 0.025 = 1.96$ 以 $\frac{295}{6}$ 信義区問為 $\frac{5}{2} = 16.33 \pm 1.96 \frac{4.29}{\sqrt{3}6}$ $= 16.33 \pm 1.96 \frac{4.29}{\sqrt{3}6}$ $= 16.33 \pm 1.96 \frac{4.29}{\sqrt{3}6}$ (2) $1-\alpha = 0.90$, $\frac{6}{2} = 6.05$, $\frac{2}{2} = \frac{2}{3}$ $\frac{6}{3} = \frac{1}{3}$ $\frac{$

何儿9 意介 h= 1ン, $\bar{\chi}$ = 15291.67, $S = \sqrt{\frac{\Sigma(X_1 - \bar{\chi})^2}{(h-1)}} = 197.52$ $111 州 之東信計為 <math>\bar{\chi}$ = 15291.67 2) 1-X = 5290, $\frac{\alpha}{\lambda}$ = 5.05,

h-1=12-1=11

 $t_{0.05}^{(11)} = 1.796$ ルシ90%イ意頼区為文生 せき(n-1) $\frac{S}{\sqrt{n}} = 15291.67 \pm 1.796 \frac{197.52}{\sqrt{12}}$ = 15291.67 ± 102.41
⇒ (15189.26,15394.08) &

 $\frac{16.19}{1-x=0.95}, \underbrace{Z = 20.025 = 1.96}, e = 0.01, S = 0.05$ $N = \left(\frac{Z \le S}{e}\right)^2 = \left(\frac{1.96 \times 0.05}{0.01}\right)^2 = 96.04 = 97$ $\frac{97 - 35 = 62}{1.01}$ $\frac{1}{10} = 0.95 \times 100$