助教課作業 · 3.24.

張單力

習題1.

(1). 6=3, 1-d=0.95, α=0.05., ½=0.025, Z½=Z0.025=1.96 e=0.05

$$3.N = \left(\frac{2 + 6}{e}\right)^2 = \left(\frac{1.96 \times 3}{0.05}\right)^2 = 138.3 \approx 139$$

取1-139.

(2). 6 = 0.2, 1 - 0.90, $\alpha = 0.10$. $\frac{4}{2} = 0.05$. $\frac{24}{2} = 20.05 = 1.645$ e = 0.03.

$$IN = \left(\frac{Z_{\frac{1}{2}}^{2}6}{e}\right)^{2} = \left(\frac{1.645 \times 0.2}{0.03}\right)^{2} = 120.27 = 121$$

历又 1-121.