2020/4/8	CH6 習題4和14.JPG
1111	
	電視4 (1) $n=1200$ $\hat{\rho}=0.33$ $1-d=0.98$ (1) $n=1200$ $\hat{\rho}=0.33$ $1-d=0.98$ (2) $0.33 \pm 2 \times \sqrt{\hat{\rho}(1-\hat{\rho})} = 0.33 \pm 2.327 \times \sqrt{0.35 \times 0.69}$ (2) $0.30 \times 0.36$ )
- ( )	$(2) n = 820  \chi = 650   - d = 0.93  \frac{d}{2} = 0.025$ $\hat{\rho} = \frac{\chi}{n} = \frac{650}{870} = 0.19  d = 0.05  \frac{1}{2} = 0.09  t = 1.96  \chi = 0.014$ $0.79 \pm 1.96  \sqrt{\frac{0.79 \times 0.21}{820}} = 0.79 \pm 0.03 = (0.76, 0.82)$
2	(4) n=15 = 1+4+9+4+1+9+9+4+1+1+1 +4+1+1=54
	$1-d=0.95 \pm (n-1) = \pm 0.025(14) = 2.145$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
	$\frac{1.73t \pm 0.1(14) \frac{0.8}{\sqrt{15}} = 1.73 \pm 1.345 \frac{0.8}{\sqrt{15}} = 1.73 \pm 0.28}{\sqrt{15}} = 1.73 \pm 0.28}$