例 6.9

N=12, \(\frac{7}{2} = 15, 291.67, 5 = \sqrt{\sum(\frac{1}{2}(\frac{1}{2} - \frac{1}{2})^2/(n-1)} = 197.52 111 班的點估計為不=15,291.67。

(2)1- 2=0.9、2=0.05、自力度 n-1=12-1=11

春表: to,os(11)=1.796

· 此的90%信粮区間

7 + t = (n-1) 5 = 15,291,67 + 1,796 197.52 =15,291,67 +102,41

BP (15,189.26,15,394.08)

(3) 从的90%的高周長度為

1,5394.08-15,189.26 = 204.82

 $\frac{1}{\sqrt{2}}$ 2t $\frac{1}{\sqrt{2}}$ $\frac{1}{\sqrt{2}}$ $\frac{1}{\sqrt{2}}$ $\frac{1}{\sqrt{2}}$

= 2 × 1.796 × 197.52

= 2×102.41

= 204, 82