故不棄卻虛無...

(7-11)

(1) $H_0 : \dfrac{6_1^2}{6_2^2} = 1$, $H_1 = \dfrac{6_1^2}{6_2^2} \neq 1$

(2) $\alpha = 0.1$

(3) 棄卻域 $C = \{ F < F_{1-\frac{\alpha}{2}}(n_1-1, n_2-1) \text{ or } F > F_{\frac{\alpha}{2}}(n_1-1, n_2-1) \}$

$\qquad = \{ F < F_{0.95}(9, 7) \text{ or } F > F_{0.05}(9, 7) \}$

$\qquad = \{ F < 0.304 \text{ or } F > 3.68 \}$

(4) $F = \dfrac{S_1^2}{S_2^2} = \dfrac{0.653^2}{0.627^2} = 1.085$

不棄卻虛無假設

故兩廠牌電池壽命無太大差異

乙廠品牌無較多的

超過四成？計算 p 值，並且下決策。