GROUP 3

Thành viên

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Ex5

1/

$$F_{obs} = \frac{MC_{reg}}{MC_{res}} = \frac{21392.50}{95.07} = 225.0184$$

On a la valeur critique: $F_{(\alpha, r, n-p)} = F_{(0.05,4,15)} = 3.06$ (utiliser le tableau Fisher)

$F_{obs} = 225.0184 > 3.06$

⇨ On rejete H_0 au seuil de signification $\alpha = 0,05$

2/

$H_0 : \beta_3 = \beta_4 = 0$

$$F_{obs} = \frac{SC_{res}(H_0) - SC_{res}(H_1)}{SC_{res}(H_1)} \times \frac{n-p}{r} = \frac{24013 - 1426}{1426} \times \frac{15}{2} = 118.7956$$

On a la valeur critique: $F_{(\alpha, r, n-p)} = F_{(0.05,2,15)} = 3.68$ (utiliser le tableau Fisher)

$F_{obs} = 118.7956 > 3.68$

⇨ On rejete H_0 au seuil de signification $\alpha = 0,05$