

## Case Study on F-Distribution and ANOVA

Below are given the yield in kgs/acre for 5 trial plots of 4 varieties of treatments:

Plot No.	I	II	III	IV
1	42	48	68	80
2	50	66	52	94
3	62	68	76	78
4	34	78	64	82
5	52	70	70	66

Calculate the F-ratio value and conclude whether the treatments and the plots have the same effect on the yield or not.

Write your answers in a word doc and show the calculations in the excel sheet. Convert the doc file into a PDF file. Submit the excel sheet with the calculations and the PDF file in a zip file and submit it in Paatshala. The name of the folder should be your name.

