

# EPPS 6313 : Recitation Session #5

## Problem 1

The table shows the sales at three different clothing stores. Determine if they are significantly different.

Store	Sale
A	30, 30, 40, 40
B	25, 20, 25, 30
C	15, 20, 25, 20

- Show the result of Bonferroni Test :

## Problem 2

Fill the blanks and test it for the effect of female and race on edu

```
anova edu female race
```

```

Number of obs =    999    R-squared    = 0.0115
Root MSE      = 2.9631    Adj R-squared = 0.0085

```

Source	Partial SS	df	MS	F	Prob > F
Model	101.296585	3 ( )		3.85	0.0094
female	32.3100572	1	32.3100572	( )	(Test?)
race	55.8883652	2	27.9441826	3.18	(Test?)
Residual	8736.07278	995	8.77997265		
Total	( )	998	8.85507953		

- In the above question, we used F-test with one-tail. Discuss 2-tailed F-test for the effect of race ?

# **EPPS 6316 : Recitation Session #5**

No Problem set for Today