

Elementary Statistics
Excel Assignment 4

Open the EXCEL application.

ANOVA

Type the data on page 345 (7th edition) or page 346(8th edition) as follows.

Method 1 data on column A

Method 2 data on column B

Method 3 data on column C

Click on Tools, Data Analysis, Anova: Single Factor.

Highlight data on all three columns.

Click on OK

Print the output

Your output should look like the following

Anova: Single Factor

SUMMARY

<i>Groups</i>	<i>Count</i>	<i>Sum</i>	<i>Average</i>	<i>Variance</i>
Column 1	4	280	70	17.33333
Column 2	4	340	85	17.33333
Column 3	4	304	76	8.666667

ANOVA

<i>Source of Variation</i>	<i>SS</i>	<i>df</i>	<i>MS</i>	<i>F</i>	<i>P-value</i>	<i>F crit</i>
Between Groups	456	2	228	15.78462	0.001141	4.256492
Within Groups	130	9	14.44444			
Total	586	11				

Repeat the steps for problem 10.52 on page 359 (7th edition).

Repeat the steps for problem 10.52 on page 359 (8th edition).

Turn in the output for problem 10.52 with the answers to the question.
