

Pre-Calculus Multiple Choice Questions - Chapter S11

1 The _____ model in a one-way ANOVA represents a separate line at each mean of the response variable for each treatment group

- a Simple
- b Full
- c Complete
- d Correct

	S11.1
--	--------------

2 The _____ model in a one-way ANOVA represents a flat line at the overall mean of the response variable

- a Simple
- b Full
- c Complete
- d Correct

	S11.1
--	--------------

3 A one-way ANOVA is used to determine if significant differences exist among the _____ of more than two treatment groups

- a Variances
- b Standard Deviations
- c Medians
- d Means

	S11.1
--	--------------

Pre-Calculus Multiple Choice Questions - Chapter S11

1 What assumption related to the variances among treatment groups is required to complete an ANOVA?

- a Unequal Variances
- b Equal Variances
- c Varying Variances
- d No assumption exists

	S11.2
--	--------------

2 What assumption about the individuals within a group is required to complete an ANOVA?

- a Individuals within a group are uniformly dist.
- b Individuals within a group are randomly dist
- c Individuals within a group are normally dist.
- d No assumption exists

	S11.2
--	--------------

3 What assumption about outliers is required to complete an ANOVA?

- a No outliers allowed
- b Less than two outliers are allowed
- c Less than five outliers are allowed
- d No assumption exists

	S11.2
--	--------------