Assignment 8

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-03-27, 23:59 IST.

1) How does a MANCOVA differ from an ANCOVA? 1 point
   - MANCOVA has two or more covariates
   - ANCOVA has only one covariate
   - MANCOVA requires at least two dependent variables
   - MANCOVA is used when there are more than three independent variables

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   MANCOVA requires at least two dependent variables

2) Which of the following is not an assumption of MANOVA? 1 point
   - No univariate or multivariate outliers
   - Independence of observations
   - Multivariate normality
   - Multi-collinearity

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Multi-collinearity

3) What must you include when reporting an ANOVA? 1 point
   - F statistic
   - Means and standard deviations
   - Degree of freedom and P value
   - All of these
5) Where would you look on an ANOVA output to determine if there is an overall significant difference?

- Descriptive statistics box
- The Sig. column of the Levene's test
- The Sig. column of the ANOVA table
- The Sig. column of the multiple comparisons

No, the answer is incorrect.
Score: 0
Accepted Answers:
The Sig. column of the ANOVA table

6) Which of the following assumptions must be met to use an ANOVA?

- There is homogeneity of variances
- There is only one dependent variable
- The data must be normally distributed
- All of these

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of these

7) Which of the following is not a method for reporting multivariate outcome?

- Bonferroni
- Wilk's Lambda
- Pillai's Trace
- Roy's Largest Root

No, the answer is incorrect.
Score: 0
Accepted Answers:
Bonferroni

8) How many dependent variables must you have for an ANOVA to be conducted?

- 2 nominal variables
- 3 ordinal variables
- Only 1 continuous variable
- 4 continuous variables

No, the answer is incorrect.
Score: 0
9) Which test out of these is used for testing homogeneity of variance?  
- Box-M
- Levene's test
- f-test
- Roy's test

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Levene's test

10) ..... is a variable that is related to the DV, which you can't manipulate, but you want to account for its relationship with the DV.  
- Covariate
- Independent variable
- None of these
- Both A and B

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
Covariate