Assignment 10

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-04-10, 23:59 IST.

1) A dummy variable is used as an independent variable in a regression model when
- The variable involved is numerical
- The variable involved is categorical
- When two independent variables interact
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
The variable involved is categorical

2) If a categorical independent variable contains two categories, then …… dummy variable (s) are needed to uniquely represent these categories.
- 1
- 2
- 3
- 4

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

3) Inclusion of …… in the regression model is referred to as regression model with dummy (indicator) variables.
- Artificial variables
- Quantitative variables

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4) In case of multiple regression, the \[ \ldots \ldots \ldots \] is the proportion of variation in the dependent variable (Y) that is explained by the combination of independent (explanatory) variables.

- Coefficient of multiple determination
- Coefficient of correlation
- Coefficient of partial determination
- Time series analysis

No, the answer is incorrect.
Score: 0
Accepted Answers:
Coefficient of multiple determination

5) When two or more of the explanatory variables are highly correlated, this situation is referred to as

- Collinearity
- Autocorrelation
- Heteroscedasticity
- Linearity

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

6) Wilk’s \( \lambda \) for each predictor is

- The ratio of the within-group sum of squares to between-group sum of squares
- The ratio of the between-group sum of squares to within-group sum of squares
- The ratio of the within-group sum of squares to the total sum of squares
- The ratio of the between-group sum of squares to the total sum of squares

No, the answer is incorrect.
Score: 0
Accepted Answers:
The ratio of the within-group sum of squares to the total sum of squares

7) A regression analysis with two or more independent variables, or at least one non-linear predictor, is called as

- Multiple regression analysis
- Simple regression analysis
- Time series analysis
- Least square method

No, the answer is incorrect.
Score: 0
Accepted Answers:
Multiple regression analysis

8) Assumptions of hierarchical multiple regression involve

- Linearity
9) A technique for analysing marketing research data when the criterion or dependent variable is categorical and the predictor or independent variables are interval in nature is called as

- Regression analysis
- Discriminant analysis
- Correlation analysis
- All of these

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

1 point

10) In two group discriminant analysis

- The criterion variable involves one category
- The criterion variable is continuous
- The criterion variable involves three or more categories
- The criterion variable has two categories

No, the answer is incorrect.
Score: 0
Accepted Answers: The criterion variable has two categories

1 point