Title: MC1

1) This is the question for multiple choice

A screenshot of a social media post

Description automatically generated

~ Feedback for correct answer before answer choices.

@ Feedback for incorrect answer before answer choices. (This worked.)

\*a. correct answer 1

@ Feedback after answer choice

b. incorrect answer 2

@ Feedback after answer choice

c. incorrect answer 3

@ Feedback after answer choice

Title: TF1

2) This is the question for true false

~ Feedback for correct answer before answer choices. (This didn’t work.)

@ Feedback for incorrect answer before answer choices. (This didn’t work.)

\*a. True

@ Feedback after answer choice

b. False

@ Feedback after answer choice

Type: F

Title: FB1

3) This is the question for fill in the blank

~ Feedback for correct answer before answer choices. (This didn’t work.)

@ Feedback for incorrect answer before answer choices. (This didn’t work.)

a. Answer format 1

@ Feedback after answer choice

b. Answer format 2

@ Feedback after answer choice

c. Answer format 3

@ Feedback after answer choice

Type: MR

Title: MR1

4) This is the question for multiple response

~ Feedback for correct answer before answer choices.

@ Feedback for incorrect answer before answer choices. (This worked.)

a. incorrect 1

@ Feedback after answer choice

\*b. correct 1

@ Feedback after answer choice

c. incorrect 2

@ Feedback after answer choice

\*d. correct 2

@ Feedback after answer choice

Type: MT

Title: MT1

5) This is the question for matching (not supported in csv file)

~ Feedback for correct answer before answer choices. (This didn’t work.)

@ Feedback for incorrect answer before answer choices. (This didn’t work.)

a. one = 1

@ Feedback after answer choice

b. two = 2

@ Feedback after answer choice

c. three = 3

@ Feedback after answer choice

Type: E

Title: ES1

6) This is the question for essay

a. This is an example answer for an essay question. (Feedback could go here. This worked.)

Type: MT

Title: wAss14004 StatCat

4) Match the steps to use StatCat in Jamovi to find the correct statistical test.

a. Analyses = Jamovi Menu

b. StatCat = Jamovi Menu

c. Relationships, Predictions, and Group Comparisons = Jamovi Menu

d. Cured = Dependent Variable

e. Intervention = Independent Variables

f. Duration = Independent Variables

g. Recommended test(s) = Logistic Regression

Type: MT

Title: wAss14005 PrepSteps

5) What are the steps to prepare (clean) data before conducting statistical tests?

a. 1 = Check data accuracy.

b. 2 = Check for missing data and missing data pattern.

c. 3 = Check for outliers.

d. 4 = Check statistical assumptions.

e. Not a data preparation step = Determine the criteria for rejection.

Type: MT

Title: wAss14006 AccuracySteps

6) What steps can be taken to check data accuracy? How do things look in our data set?

a. Determine the level of measurement for each variable and make sure data types are correct = This is part of the initial review. (used more than once)

b. Check data for typos = This is part of the initial review. (used more than once)

c. Check data for nonsensical values = This is part of the initial review. This is part of the initial review. (used more than once)

d. Check categories make sense = This is part of the initial review. (used more than once)

e. Correct problems if possible or exclude = This is part of the initial review. (used more than once)

f. Reverse code items if needed = Complete before scoring instruments. (used once)

g. Score instruments if needed = Complete after reverse coding items if needed. (used once)

h. Keep track of what you so it can be reported with results = This is an important part of transparency. (used once)

i. What data problems were noted in our data set? = No missing or problematic values noted. (used once)

Type: MT

Title: wAss14009 Assumptions

9) How can you assess assumptions for logistic regression?

a. Linear relationship between continuous predictor and logit of outcome variable = check if interaction term between predictor variable and the log transform of predictor variable is significant

b. Linear relationship between predictor variable and outcome variable = Not an assumption checked for this test.

c. Independence of errors = check for overdispersion

d. Univariate outliers = check histograms and boxplots

e. Normality = check histograms and boxplots

f. Homogeneity of variance = Not an assumption checked for this test.

g. Incomplete information from the predictors = check contingency tables and for large standard errors for predictors

h. complete separation = check if outcome variable can be perfectly predicted by one variable or a combination of variables

i. multicollinearity = check VIF

Type: MT

Title: wAss14010 ViolateAssumptions

10) How can you assess assumptions for logistic regression?

a. Linear relationship between continuous predictor and logit of outcome variable = note the assumption is violated when reporting results or drop the variable from the analysis

b. Univariate outliers & normality = double check the linear relationship between the continuous predictor and logit of the outcome variable

c. Incomplete information from the predictors = note the assumption is violated when reporting results

d. complete separation = note the assumption is violated when reporting results

e. multicollinearity = drop one of the variables from the analysis

Type: MT

Title: wAss14011 StepsNHST

11) What are the steps for conducting a statistical test?

a. 1 = State the null and alternative hypotheses

b. 2 = Determine the criteria for rejection

c. 3 = Calculate the test statistic

d. 4 = Draw conclusions about the null hypothesis

e. 5 = Report results

Type: MT

Title: wAss14012 StepsNHST

12) What are the steps for conducting a statistical test?

a. There’s no difference between the previous model and the current model. = Null for the model

b. There’s a difference between the previous model and the current model = Alternative for the model

c. There’s no difference between the estimate and the value of 0. = Null for the variable

d. There’s a difference between the estimate and the value of 0. = Alternative for the variable

Type: MT

Title: wAss14014 StepsNHST

14) What are the test statistics you should look at for the logistic regression?

a. Pseudo R squared = statistics for the model overall

b. Chi-squared and p-value for the overall model test = statistics for the model overall

c. Chi-squared and p-value for the model comparisons = statistics for the model overall

d. P-value and odds ratio for the variables = statistics for the variables

e. F statistic and p-value = Not a statistic used in logistic regression

Type: MT

Title: wAss14015 StepsNHST

15) What conclusions can be drawn from results?

a. Duration x Log Duration = not statistically significant

b. Duration x Intervention = High VIF, problem with multicollinearity

c. Duration p-value – 0.964 = variable is not a significant predictor in the model

d. Model 1-2 comparison p-value – 0.964 = model 2 is not significantly better than model 1

e. Model 1 overall model test p-value – 0.002 = the model with the predictor is significantly better than the model with no predictor

Type: MT

Title: wAss14016 StepsNHST

16) What conclusions can be drawn from results?

a. Pseudo R squared = Ranges from 0.0644 to 0.113

b. Overall model test p-value = 0.002

c. Z for Intervention = 3.07

d. p-value for Intervention = 0.002

e. Odds ratio for Intervention = 3.417

f. Interpretation of odds ratio for Intervention = For every 1 point increase in Intervention the odds of recovery increase by 3.417.

g. Is the value of 1 contained within the confidence interval for the odds ratio for Intervention? = No