

✔ Congratulations! You passed!

Grade received 100% To pass 80% or higher

Go to next item

1. No extreme outliers is one of the four main binomial logistic regression assumptions. What are the other three?
Select all that apply.

1 / 1 point

✔ Independent observations

✔ Correct

The four main binomial logistic regression assumptions are: linearity, independent observations, no multicollinearity, and no extreme outliers.

✔ Linearity

✔ Correct

The four main binomial logistic regression assumptions are: linearity, independent observations, no multicollinearity, and no extreme outliers.

✔ No multicollinearity

✔ Correct

The four main binomial logistic regression assumptions are: linearity, independent observations, no multicollinearity, and no extreme outliers.

☐ Homoscedasticity

2. Logit is the logarithm of the odds of a given probability.

1 / 1 point

Ⓐ True

Ⓑ False

✔ Correct

Logit is the logarithm of the odds of a given probability. It is the most common link function used to linearly relate the X variables to the probability of Y.

3. Fill in the blank: The maximum likelihood estimation is a technique used for estimating the beta parameters that _____ the likelihood of a model producing the observed data.

1 / 1 point

Ⓐ reduce

Ⓑ control

Ⓒ balance

Ⓓ maximize

✔ Correct

The maximum likelihood estimation is a technique used for estimating the beta parameters that maximize the likelihood of a model producing the observed data.