1. Fill in the blank: An interaction term represents how the relationship between two independent variables is associated with the changes in the _____ of the dependent variable.

0 / 1 point

- ◉ rate of change
- ○ mean
- ○ multicollinearity
- ○ category

⊗ Incorrect
An interaction term represents how the relationship between two independent variables is associated with the changes in the mean of the dependent variable. Typically, data professionals represent an interaction term as the product of the two independent variables in question.

2. Which of the following relevant statistics can be found by using statsmodel's OLS function? Select all that apply.

1 / 1 point

- ☐ Variance inflation factors
- ☑ Coefficients

✓ Correct
Coefficients, standard errors, p-values, and t-statistics can be found by using statsmodel's OLS function.

- ☑ P-values

✓ Correct
Coefficients, standard errors, p-values, and t-statistics can be found by using statsmodel's OLS function.

- ☑ Standard errors

✓ Correct
Coefficients, standard errors, p-values, and t-statistics can be found by using statsmodel's OLS function.