

✔ Congratulations! You passed!

Grade received 100% To pass 80% or higher

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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.

1 / 1 point

- ☐ multicollinearity
- ☐ rate of change
- ☐ category
- ☒ mean

✔ Correct

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

☒ Standard errors

✔ Correct

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

☒ Coefficients

✔ Correct

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

☐ Variance inflation factors

☒ P-values

✔ Correct

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