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Congratulations! You have completed Week 4.

## Exploring Statistical Interactions



In this session, we will discuss the basic concept of statistical interaction (also known as

▼ More

### SAS Lessons



SAS Program Code for Video Examples

([/learn/data-analysis-tools/supplement/3yYcA/sas-program-code-for-video-examples](https://learn.data-analysis-tools/supplement/3yYcA/sas-program-code-for-video-examples))

SAS Lesson 1 - Defining moderation, a.k.a.




statistical


[Help Center](#)

## interaction 4 min


(/learn/data-analysis-tools/lecture/OVu8M/sas-lesson-1-defining-moderation-a-k-a-statistical-interaction)

-  SAS Lesson 2 - Testing moderation in the context of ANOVA 4 min

(/learn/data-analysis-tools/lecture/VEFZx/sas-lesson-2-testing-moderation-in-the-context-of-anova)

-  SAS Lesson 3 - Testing moderation in the context of chi square 7 min


(/learn/data-analysis-tools/lecture/USFDC/sas-lesson-3-testing-moderation-in-the-context-of-chi-square)

-  SAS Lesson 4 - Testing moderation in the context of correlation 4 min


(/learn/data-analysis-tools/lecture/KvnXW/sas-lesson-4-testing-moderation-in-the-context-of-correlation)

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## Python Lessons

-  Python Lesson 1 - Defining moderation, a.k.a. statistical interaction 5 min

(/learn/data-analysis-tools/lecture/K7ARD/python-lesson-1-defining-moderation-a-k-a-statistical-interaction)

-  Python Lesson 2 - Testing moderation in the context of

## ANOVA 4 min

(/learn/data-analysis-tools/lecture/kELME/python-lesson-2-testing-moderation-in-the-context-of-anova)

## Python Lesson 3 -



Testing moderation in  
the context of Chi-  
Square 5 min

(/learn/data-analysis-tools/lecture/hSo2f/python-lesson-3-testing-moderation-in-the-context-of-chi-square)

## Python Lesson 4 -



Testing moderation in  
the context of  
correlation 4 min

(/learn/data-analysis-tools/lecture/F9YsY/python-lesson-4-testing-moderation-in-the-context-of-correlation)



Python Program Code  
for Video Examples

(/learn/data-analysis-tools/supplement/Njl87/python-program-code-for-video-examples)

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But do my findings tell me  
anything about Causation?

## A Question of Causation



(Used with Permission  
from Annenberg  
Learner) 14 min

(/learn/data-analysis-tools/lecture/bNGeC/a-question-of-causation-used-with-permission-from-annenberg-learner)

**Assignment:** Testing a

Potential  
Moderator 30 min

(/learn/data-analysis-

tools/peer/3bv5A/testing-a-potential-moderator)

**Review Classmates:**

- ✓ Testing a Potential Moderator 30 min

(/learn/data-analysis-tools/peer/3bv5A/testing-a-potential-moderator/give-feedback)