coursera (/)

Like this course? Become an expert by joining the Methods and Statistics in Social Sciences Specialization (/specializations/social-science).

(https://accounts.coursera.org/i/zendesk/courserahelp? return_to=https://learner.coursera.help/hc)

Upgrade

ℹ️ Congratulations! You've completed the course.

View Final Grade

(/learn/basic-statistics/home/welcome)

Correlation and Regression

In this second module we'll look at bivariate analyses: studies with two variables. First we'll introduce the

⌄ More

Start Lesson

Correlation

(/learn/basic-statistics/lecture/UfSpH/2-01-crosstabs-and-scatterplots)

⬤ Correlation

(/learn/basic-statistics/supplement/vktvC/correlation)

▶ 2.01 Crosstabs and scatterplots   7 min

Help Center

(/learn/basic-statistics/lecture/UfSpH/2-01-crosstabs-and-scatterplots)

▶ 2.02 Pearson's r   7 min

(/learn/basic-statistics/lecture/SiL4u/2-02-pearsons-r)

Regression

⬤ Regression

(/learn/basic-statistics/supplement/0YrqT/regression)

▶ 2.03 Regression - Finding the line   4 min

(/learn/basic-statistics/lecture/qHwMV/2-03-regression-finding-the-line)

▶ 2.04 Regression - Describing the line   8 min

(/learn/basic-statistics/lecture/6ZvEn/2-04-regression-describing-the-line)

▶ 2.05 Regression - How good is the line?   6 min

(/learn/basic-statistics/lecture/TBC3a/2-05-regression-how-good-is-the-line)

⬤ Reference

(/learn/basic-statistics/supplement/bqg0K/reference)

Caveats & examples

⬤ Caveats and examples

(/learn/basic-statistics/supplement/btZTd/caveats-and-examples)

▶ 2.06 Correlation is not causation   5 min

(/learn/basic-statistics/lecture/IDqEJ/2-06-correlation-is-not-causation)

▶ 2.07 Example contingency
table   3 min

(/learn/basic-statistics/lecture/CJUeF/2-07-
example-contingency-table)

▶ 2.08 Example Pearson's r
and regression   8 min

(/learn/basic-statistics/lecture/Ogg6n/2-08-
example-pearsons-r-and-regression)

● Reference

(/learn/basic-
statistics/supplement/hyTkc/reference)

Review

● Transcripts - Correlation and
regression

(/learn/basic-
statistics/supplement/bYbyC/transcripts-
correlation-and-regression)

⭐ Quiz: Correlation and
Regression   10 questions

(/learn/basic-statistics/exam/IGjAz/correlation-
and-regression)

✓ R lab - Correlation and
Regression   1h 00m

(/learn/basic-statistics/gradedLti/1skSY/r-lab-
correlation-and-regression)