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Significance tests





In this module we'll talk about statistical hypotheses. They form the main ingredients of the method of significance

✓ More

Hypotheses and

Start Lesson

(/learn/basic-

significance statistics/lecture/N1Klj/7-

tests 01-hypotheses)



Hypotheses and significance tests

(/learn/basic-

statistics/supplement/SjhTk/hypotheses-andsignificance-tests)



7.01 Hypotheses 5 min

Help Center

(/learn/basic-statistics/lecture/N1Klj/7-01hypotheses)



7.02 Test about proportion 8 min

(/learn/basic-statistics/lecture/CMb3n/7-02-testabout-proportion)



7.03 Test about mean 5 min

(/learn/basic-statistics/lecture/JI4uV/7-03-testabout-mean)

Step-by-step plan and confidence interval



Step-by-step plan and confidence interval

(/learn/basic-statistics/supplement/dUEHq/stepby-step-plan-and-confidence-interval)



(►) 7.04 Step-by-step plan 7 min

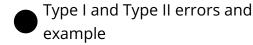
(/learn/basic-statistics/lecture/kPWP9/7-04-stepby-step-plan)



7.05 Significance test and confidence interval 5 min.

(/learn/basic-statistics/lecture/q9SLN/7-05significance-test-and-confidence-interval)

Type I and Type II errors and example



(/learn/basic-statistics/supplement/k2SLa/type-iand-type-ii-errors-and-example)



7.06 Type I and Type II errors 5 min

(/learn/basic-statistics/lecture/zDdf0/7-06-type-iand-type-ii-errors)



(▶) 7.07 Example 5 min

(/learn/basic-statistics/lecture/WtxbL/7-07example)

Review



Transcripts - Significance tests

(/learn/basicstatistics/supplement/pKSwT/transcriptssignificance-tests)



Quiz: Significance

tests 10 questions

(/learn/basic-statistics/exam/lvfjC/significancetests)



R lab - Significance

tests 1h 00m

(/learn/basic-statistics/gradedLti/JCmXy/r-labsignificance-tests)