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Confidence intervals





We can distinguish two types of statistical inference methods. We can: (1) estimate population parameters; and (2)

∨ More

Inference Start Lesson and (/learn/basic-confidence_{statistics}/lecture/ORpiK/6-

interval for 01-statistical-inference) mean

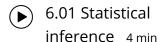


Inference and confidence interval for mean

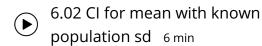
(/learn/basic-

statistics/supplement/oA7uU/inference-andconfidence-interval-for-mean)

Help Center



(/learn/basic-statistics/lecture/ORpiK/6-01statistical-inference)



(/learn/basic-statistics/lecture/Yc7DW/6-02-ci-for-mean-with-known-population-sd)

6.03 CI for mean with unknown population sd 8 min

(/learn/basic-statistics/lecture/PjxQe/6-03-ci-for-mean-with-unknown-population-sd)

Confidence interval for proportion and confidence levels

Confidence interval for proportion and confidence levels

(/learn/basicstatistics/supplement/jtjbT/confidence-intervalfor-proportion-and-confidence-levels)

(▶) 6.04 CI for proportion 6 min

(/learn/basic-statistics/lecture/Ukhl3/6-04-ci-for-proportion)

♠ 6.05 Confidence levels 7 min

(/learn/basic-statistics/lecture/rW3Na/6-05-confidence-levels)

Sample size and example

Sample size and example

(/learn/basic-statistics/supplement/Jl6Jz/samplesize-and-example)

6.06 Choosing the sample



size 6 min

(/learn/basic-statistics/lecture/V63ZH/6-06choosing-the-sample-size)



▶ 6.07 Example 4 min

(/learn/basic-statistics/lecture/5bEVT/6-07example)

Review



Transcripts - Confidence intervals

(/learn/basicstatistics/supplement/IY6RB/transcriptsconfidence-intervals)



Quiz: Confidence intervals 10 questions

(/learn/basic-statistics/exam/fTKn3/confidenceintervals)



R lab - Confidence intervals 1h 00m

(/learn/basic-statistics/gradedLti/qjELV/r-labconfidence-intervals)