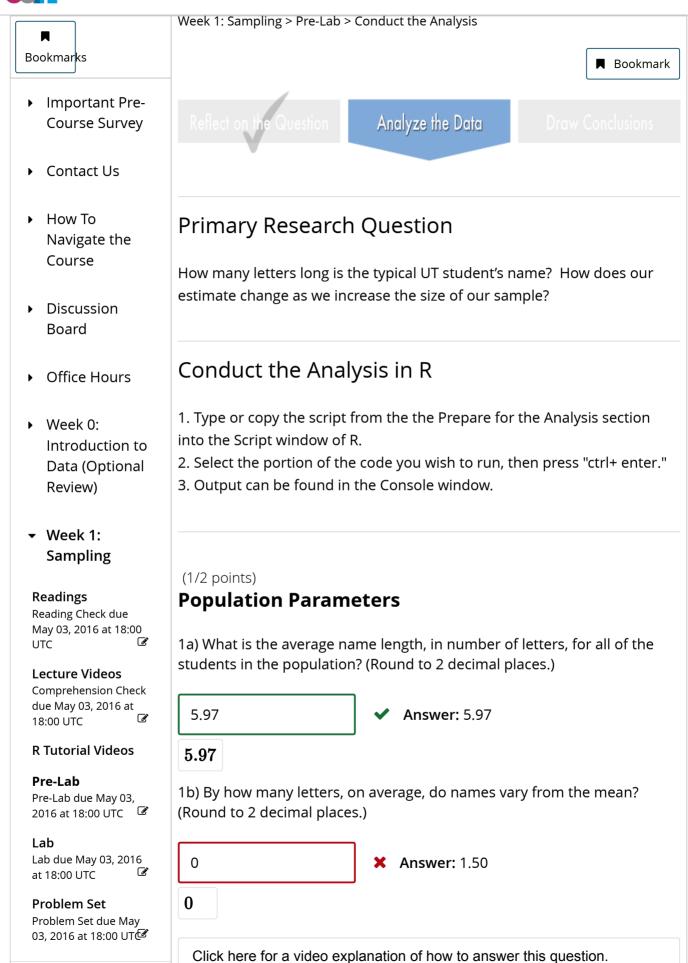


UTAustinX: UT.7.20x Foundations of Data Analysis - Part 2



You have use	d 1 of 1 submissions
the s	each time we sampled from our population we kept the ame at 1,000, but we increased the from 5 to 25. mples Answer: number of samples
sample size	▼
Click here for	or a video explanation of how to answer this question.
You have use	d 1 of 1 submissions
3a) The mean	was for all three sampling distributions. Answer: about the same
Observing 3a) The mean about the sar 3b) The size of	was for all three sampling distributions. The Answer: about the same f the standard error as the sample size increased
Observing 3a) The mean about the sar 3b) The size of from 5 to 25. decreased 3c) The distribution of the d	was for all three sampling distributions. The Answer: about the same f the standard error as the sample size increased
Observing 3a) The mean about the sar 3b) The size of from 5 to 25. decreased 3c) The distribution of t	was for all three sampling distributions. ne

(4/4 points) According to the Central Limit Theorem:
4a) What is the mean of the sampling distribution (for n=5, 15, or 25)? (Round to 2 decimal places)
5.98 ✓ Answer: 5.97
5.98
4b) What is the standard error of the sampling distribution for n=5?
.669 ▼
4c) What is the standard error of the sampling distribution for n=15?
.386 ▼
4d) What is the standard error of the sampling distribution for n=25?
.299 ▼
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions
(1/1 point)5) Were the results of the simulations consistent with what the CLT predicted?
O No
● Yes ✔
Click here for a video explanation of how to answer this question.
You have used 1 of 1 submissions



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