

Lesson 10:
Sampling distributions and the Ce...

SEARCH

RESOURCES

CONCEPTS

✓ 17. Video: Two Useful Theorems - ...

✓ 18. Notebook + Quiz: Central Limit...

✓ 19. Notebook + Quiz: Central Limit...

✓ 20. Video: When Does the Central ...

✓ 21. Notebook + Quiz: Central Limit...

✓ 22. Video: Bootstrapping

✓ 23. Video: Bootstrapping & The Ce...

✓ 24. Notebook + Quiz: Bootstrappi...

✓ 25. Video: The Background of Boo...

✓ 26. Video: Why are Sampling Distri...

✓ 27. Quiz + Text: Recap & Next Steps

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Notebook + Quiz: Bootstrapping

6, 2, 4])

In [17]: set(xy)

Out[17]: {2, 3, 4, 5, 6}

2. Use the code below to choose another sample from **die_vals**, then answer the question in the first quiz below.

In [10]: ab = np.random.choice(die_vals, replace=False, size=len(ab))

Out[10]: array([1, 2, 6, 3, 5, 4])

NB: Note the value error when the size of the non-bootstrapped replace = False was 20

Menu Expand

QUESTION 1 OF 2

Question 1. Use the resulting values from **1.** in the notebook above to select the statements here that are true.

☐ Once a value is chosen, it was not able to be selected again.

☒ This sampling is an example of bootstrap sampling.

☐ All of the values were randomly chosen in this sample.

QUESTION 2 OF 2

Question 2. Select all of the statements that are true about the code you ran in the notebook above.

☐ This was an example of bootstrap sampling.

☒ The code broke.

☒ The `replace=False` portion did not allow us to select 20 times from a set of 6 values.

☒ This was an example of sampling without replacement.