



SEARCH



RESOURCES

CONCEPTS

- ✓ 16. How Do We Choose Between ...
- ✓ 17. Video: Simulating from the Null
- ✓ 18. Notebook + Quiz: Simulating f...
- ✓ 19. Solution Notebook: Simulatin...
- ✓ 20. What is a p-value Anyway?
- ✓ 21. Video: Calculating the p-value
- ✓ 22. Quiz: What is a p-value Anyw...
- ✓ 23. Quiz: Calculating a p-value
- ✓ 24. Quiz: Calculating another p-v...
- ✓ 25. Connecting Errors and P-Valu...
- ✓ 26. Conclusions in Hypothesis Te...
- ✓ 27. Quiz: Connecting Errors and ...



Mentor Help

Ask a mentor on our Q&A platform

Peer Chat ☐

Chat with peers and alumni

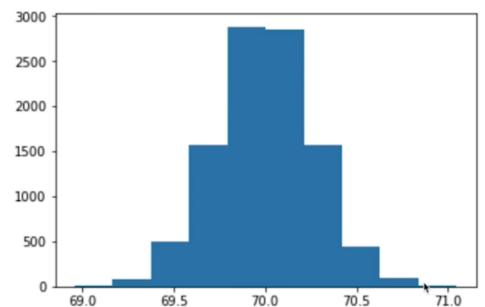


Some Clarity On The Ending

At the end of the video, it is suggested that we do not believe that our null hypothesis would be supported, which is true. However, since our null is that the population mean is equal to 70, we do have evidence to support this claim with our sample mean. This would suggest not rejecting our one-sided null alternative.

If we had a null where we asked if the population mean was equal to 70, then we would reject this null in favor of an alternative that suggested the population mean was not equal to 70. You will see more of this idea in the upcoming content.

```
In [7]: plt.hist(null_vals);
```



```
In [8]: sample_df.height.mean()
```

```
Out[8]: 67.632976882280587
```