

# Is a Hot Dog a Sandwich?

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# Motivation

Whether or not a hot dog is a sandwich is a highly debated topic. Many authorities have weighed in, from New York State to the National Hot Dog and Sausage Council. By polling UVA students, we are able to understand the specific perspective a full-time undergraduate UVA student might have on this question, and if they hold a distinct perspective in comparison to the greater population.



# Hypothesis

- **Hypothesis:** Less than 50% of full-time undergraduate students would believe that a hot dog is a sandwich.



V.S



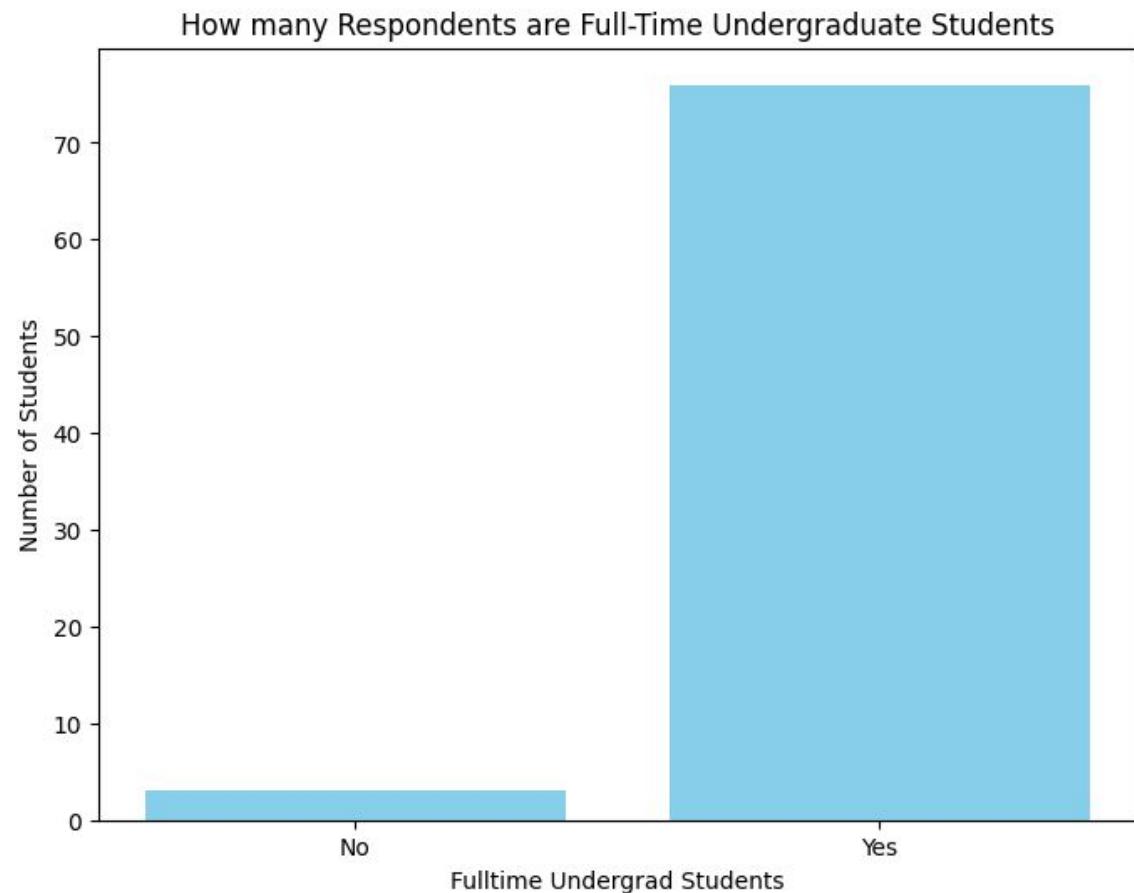
# Data

## 1) Data Collection

- Created a google survey to send to UVA undergraduate students
- 79 responses collected

## 2) Survey Responses

- Timestamp
- Are you a full-time UVA undergraduate student?
  - Yes/No
- What year are you?
  - First/Second/Third/Fourth
- Do you believe a hot dog is a sandwich?
  - Yes/No



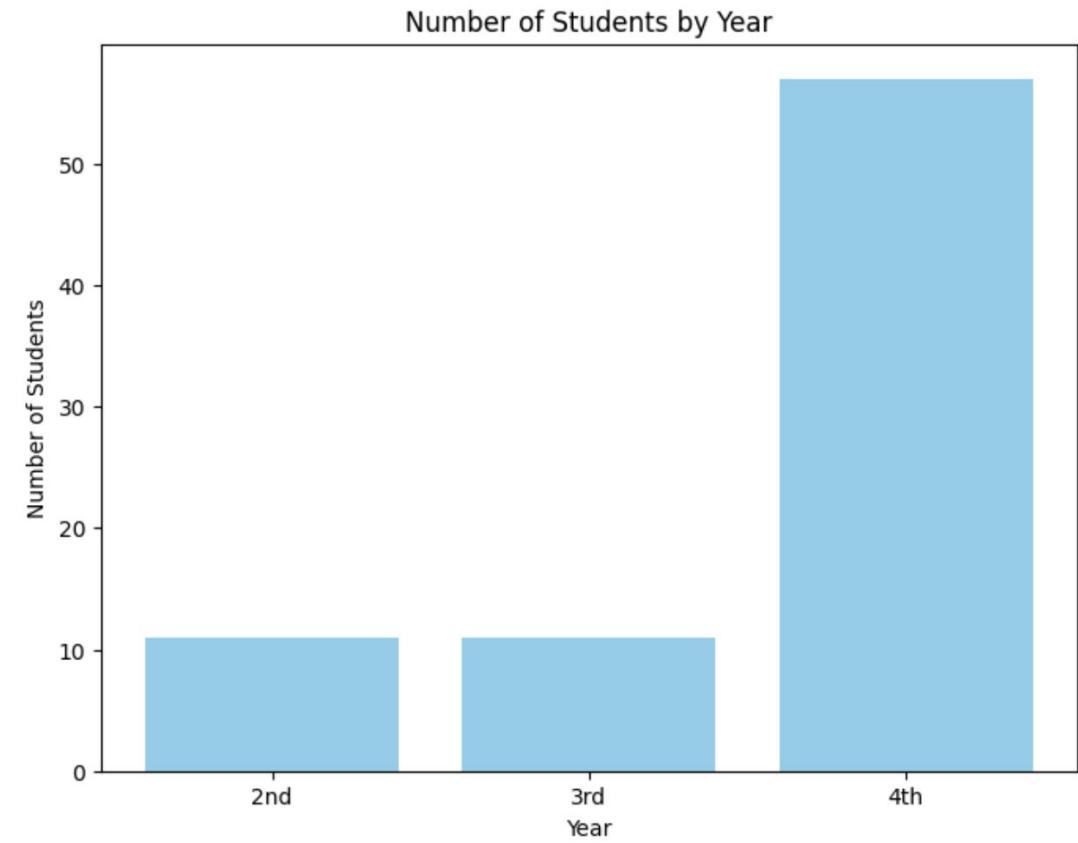
# Analysis plan

- Clean data

- Rename columns ('What year are you?' → 'year')
- Filter to show only undergrad students at UVA
- Get rid of unnecessary columns (time stamp)

- Create visualization of data

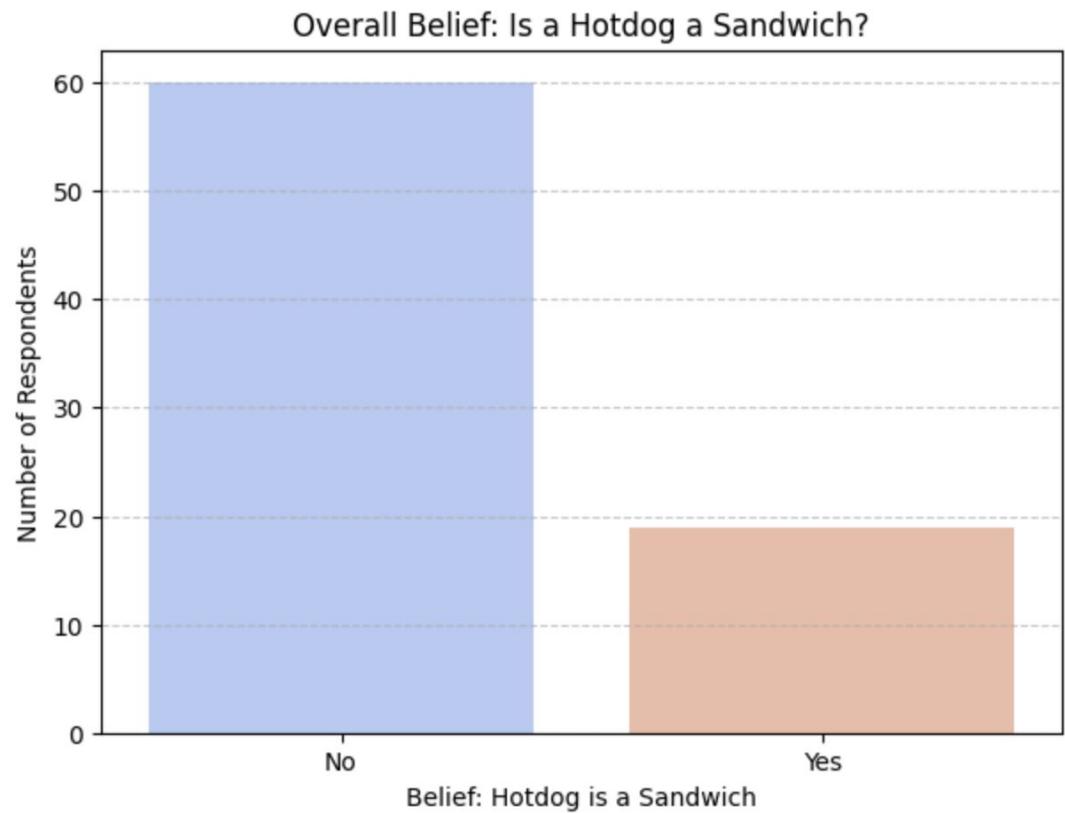
- Bar Chart
- Analyze the number of students by year to see if year impacts response to question



# Results/findings



- Our hypothesis was that less than 50% UVA undergraduate students would believe that a hot dog is a sandwich
  - 79 undergraduate responses
- **24.1%** of the population believes that a hotdog is a sandwich



# Next steps

- Survey UVA graduate students and faculty to see if there is a relation between education level and believing if a hotdog is a sandwich
- Promote surveys in various different classes to eliminate bias across different years
- Expand survey collection to other universities in Virginia



# Acknowledgements

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- DS 4002 Students
- Professor Stiller
- Sources
  - National Hot Dog and Sausage Council
  - Anthony Bourdain
  - The Government of New York