

# NLP and the Web - Lecture 10/11 Q&A Session

Use your phone / tablet / second screen to participate

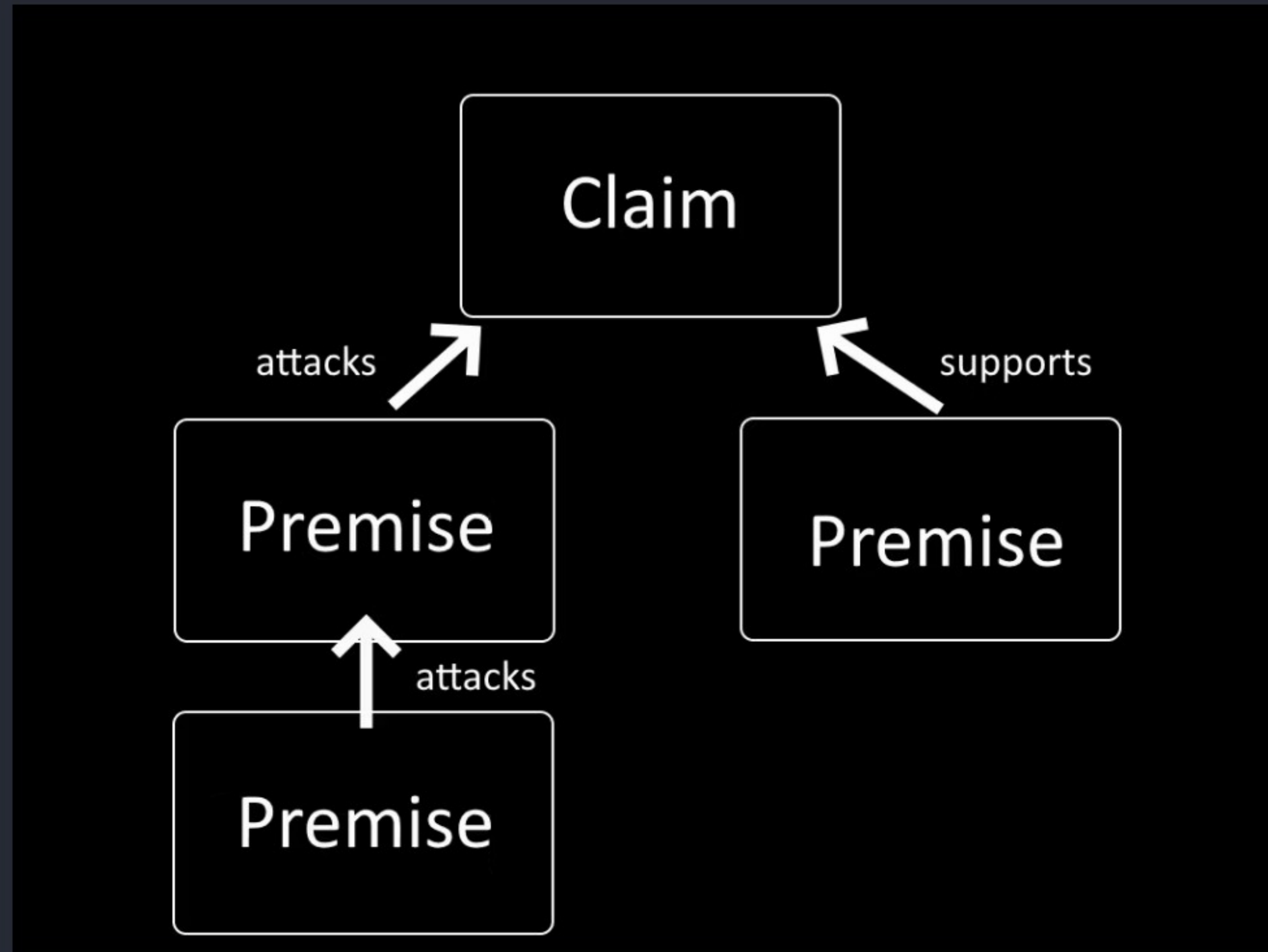
# Agenda for today

- Quick recap
- Quizzes
- Discussion
- Questions



# Argumentation

Argumentation is a verbal and social activity of reason aimed at increasing (or decreasing) the acceptability of a controversial standpoint for the listener or reader, by putting forward a constellation of propositions intended to justify (or refute) the standpoint before a rational judge.



# Argument Quality

- Deductive / Inductive Logic
- Validity / Soundness
- Fallacies





# Argument Quality

- Sufficiency
- Convincingness (Pairwise approach)
- Relevance (PageRank approach)



# Argumenttext Demo

<https://www.argumentsearch.com/>

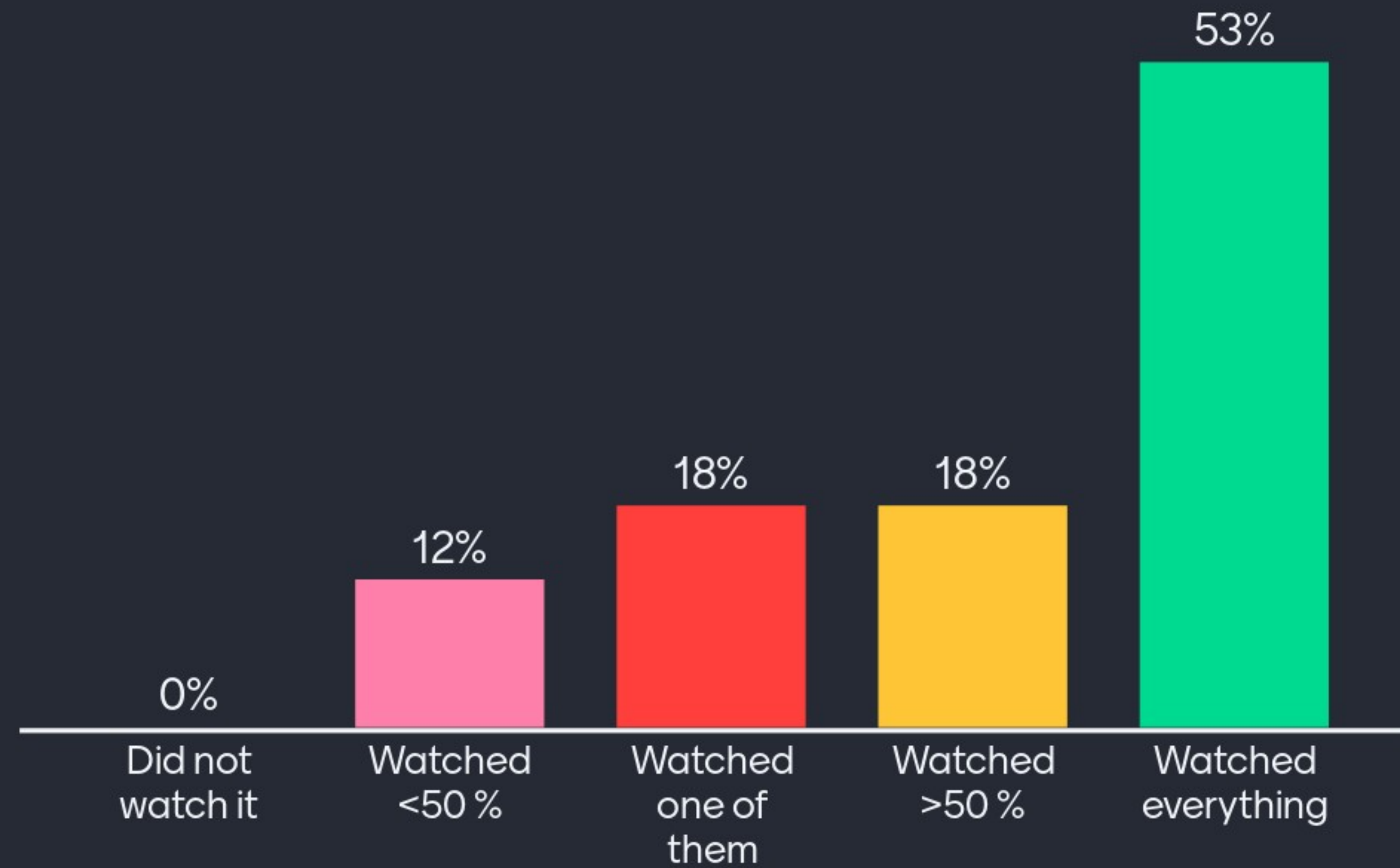
# Any questions?

0 questions

0 upvotes



# Did you watch the lecture videos for today?





Please enter the quiz  
on [www.menti.com](https://www.menti.com)





# Question 1

The famous argumentalogist and adventurer Argumentana Jones heads into the thick NLP jungle, hunting an ancient treasure. She finds an old temple of the ancient god IMHO-TEP.

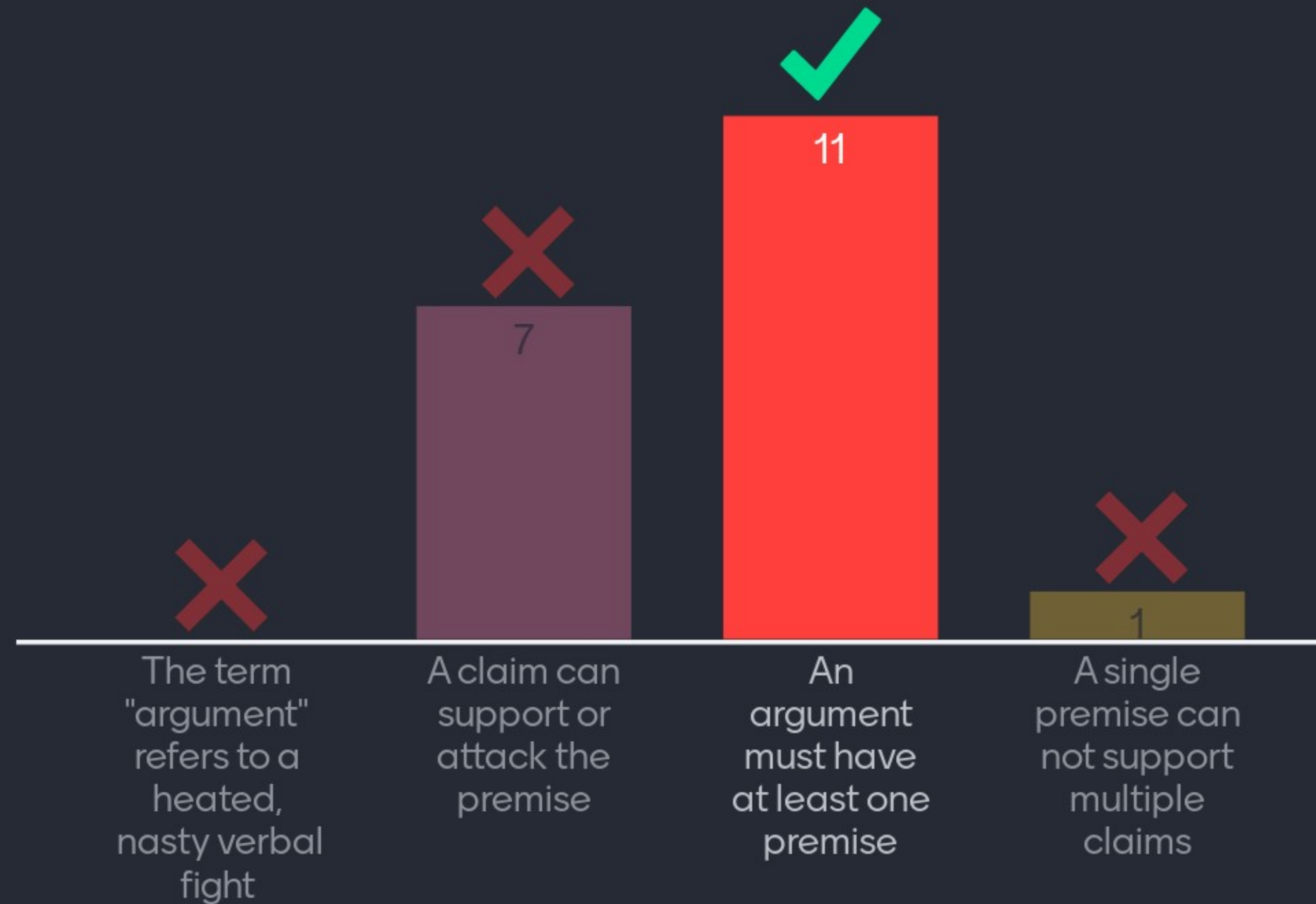
"Stop! Only those with good arguments may enter this temple. Can you prove your worth?"

Four stone tablets appear, with statements about arguments. Which of them is correct?

(Which of these statements about arguments is true?)



# Which of these statements is true?





# Leaderboard





## Question 2

Naturally, Argumentana Jones selects the correct stone tablet. The stone door opens with a loud shriek, and grants access to a large hallway that leads into a chamber, dimly lit with torches.

Suddenly, a heavy gate falls down and blocks the way back. The ceiling of the chamber is slowly descending!

There are four buttons that can be pressed, and red markings on the wall that say:

"Find the external factor of an argument!"

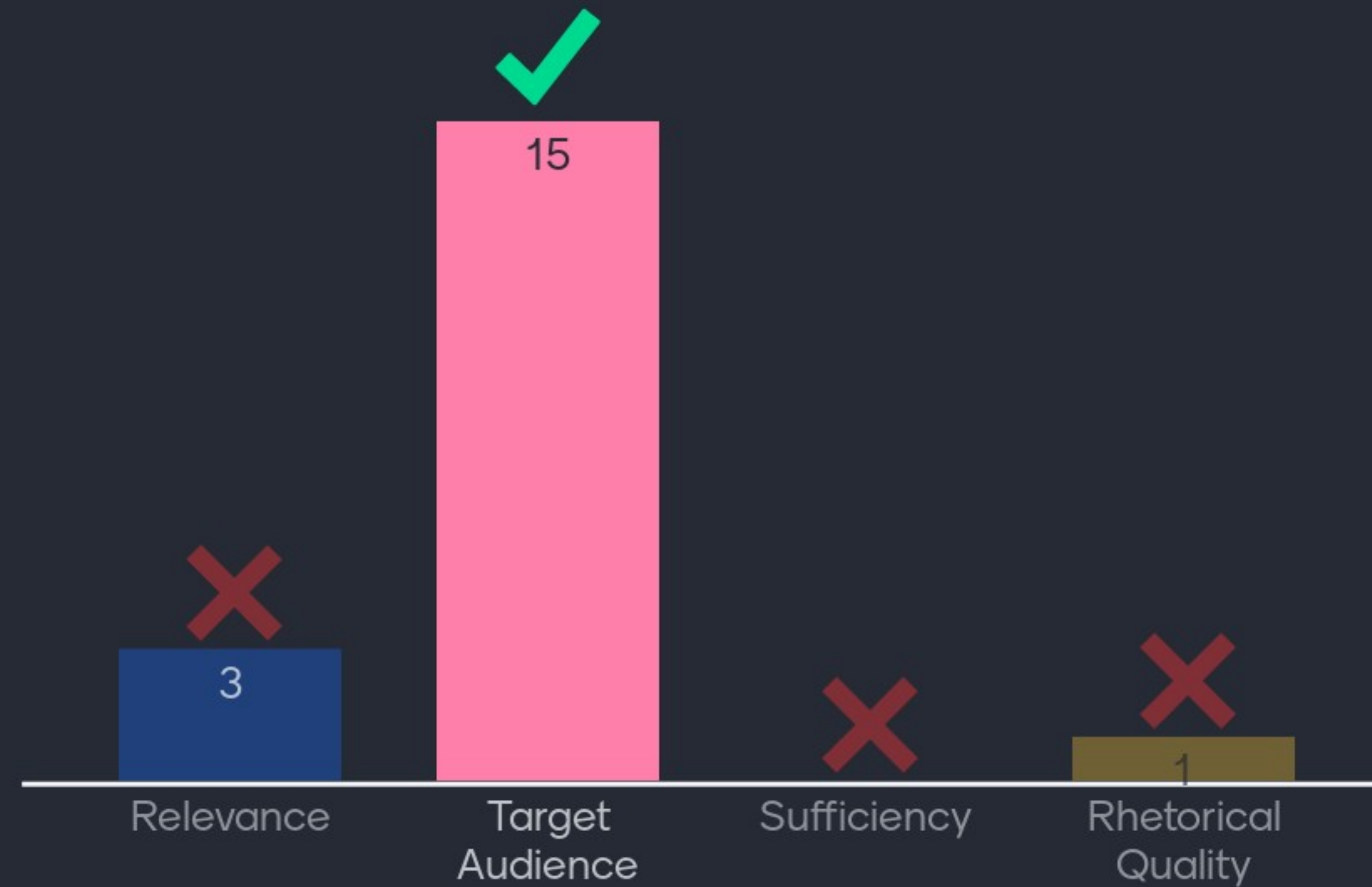
Which of the buttons will save Mrs. Jones?

(Which of the following is an external factor for an argument?)

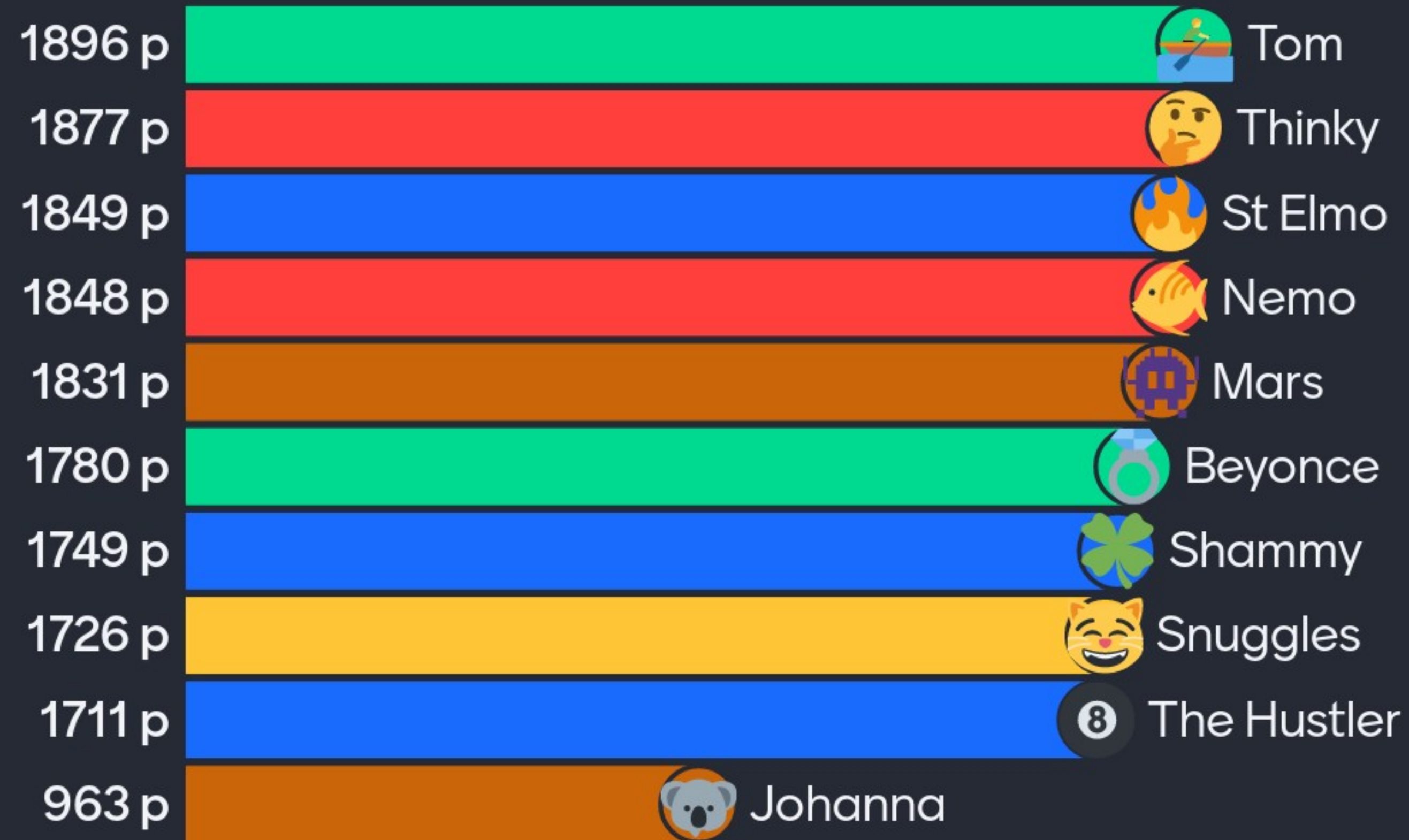




# Which of these is an external factor for an argument?



# Leaderboard





## Question 3

At the last second, Argumentana Jones escaped the dangerous death trap!

She quickly swipes the dust from her hat and follows the hallway into the heart of the temple - the treasure chamber! On arrival, she has to face the last obstacle: A giant stone statue challenges her to an argumentative duel! She quickly has to disarm the argument of the statue by stating the correct argument fallacy to survive its attack!

The statue shouts "Because you stole my math notes, I failed my English test!"

Which argument fallacy does this sentence suffer from?





"Because you stole my math notes, I failed my English test!" suffers from which argument fallacy?



Ad Hominem



Non Sequitur



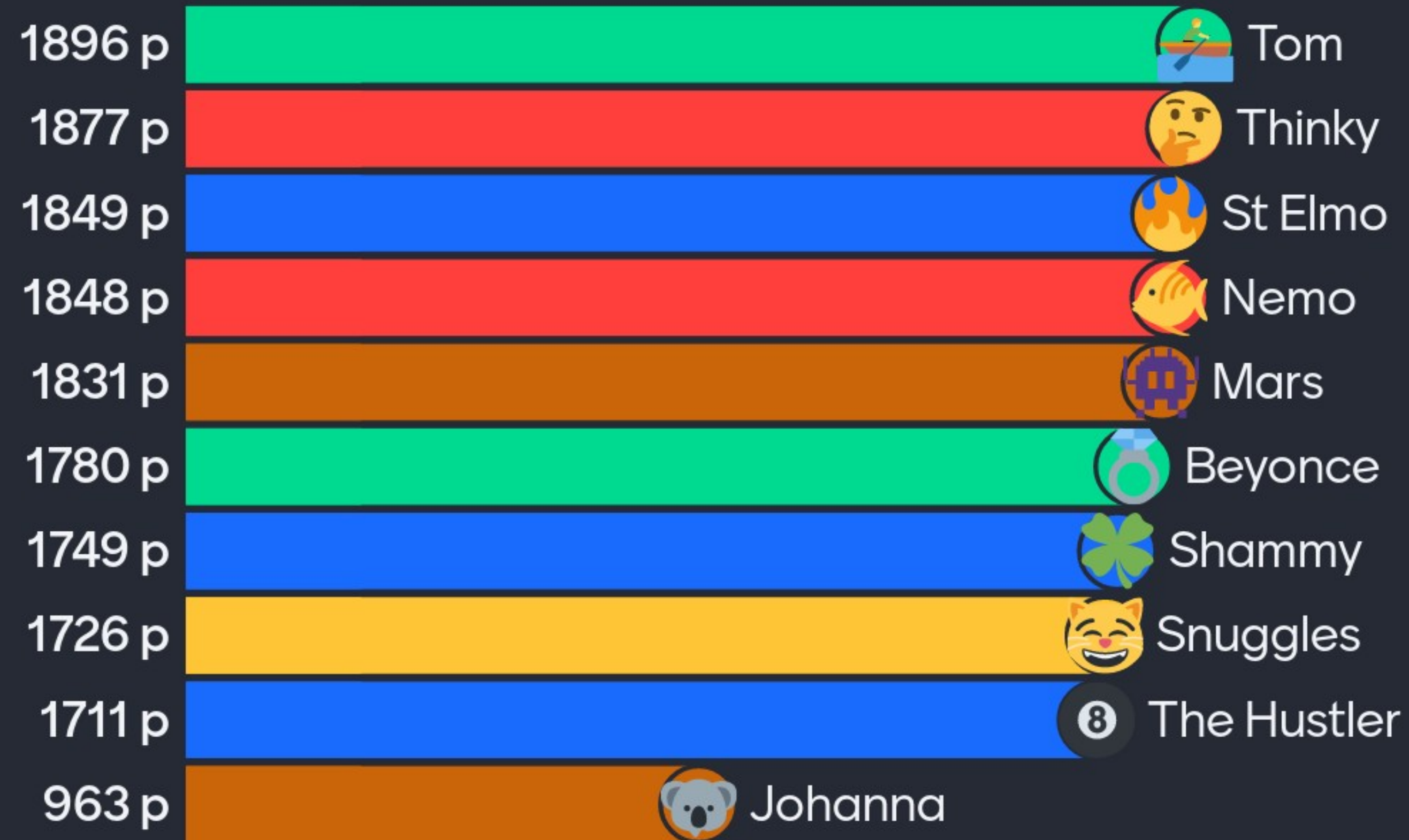
Divergent  
Argument



Hasty  
Generalization

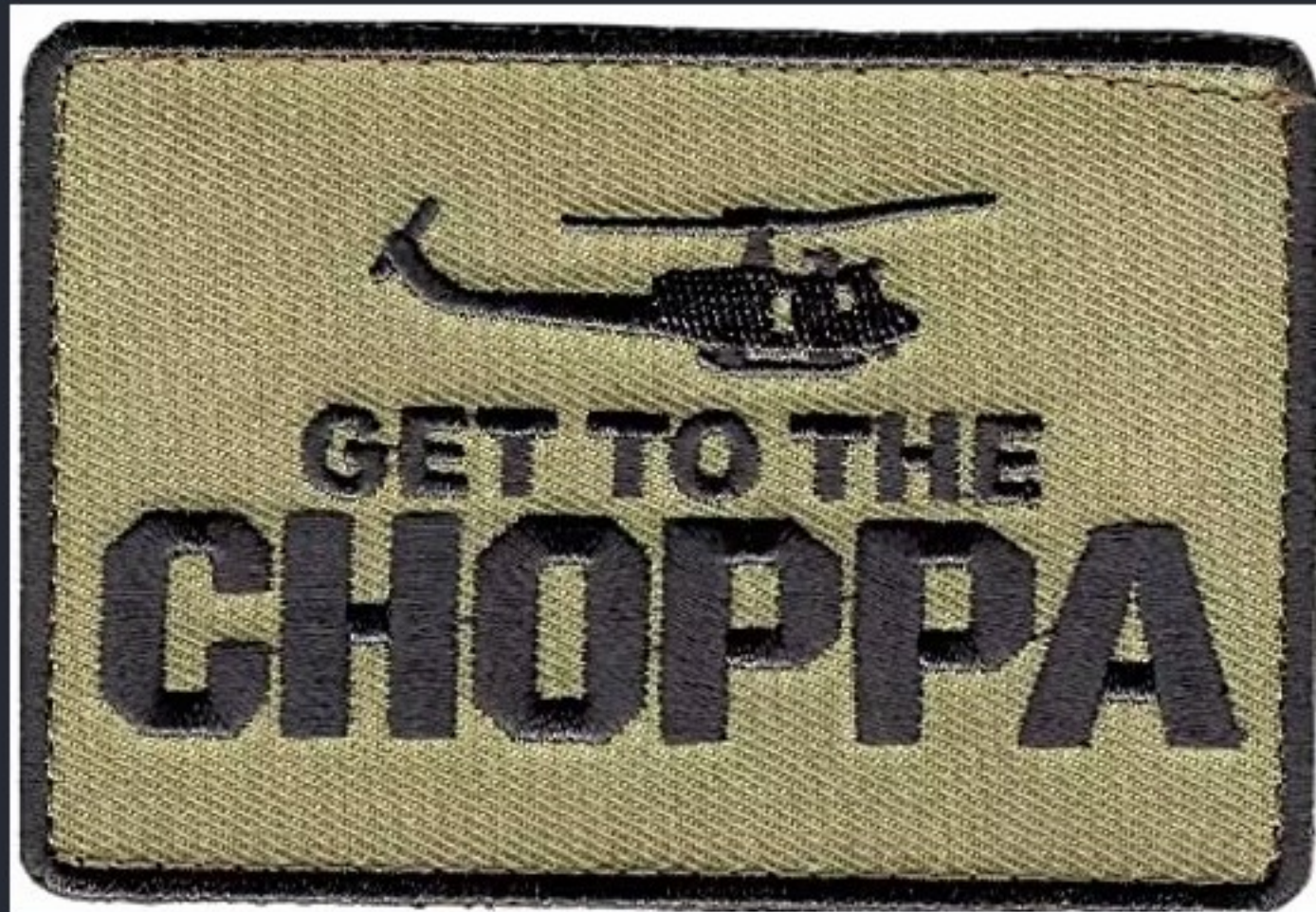


# Leaderboard





# Fin



As soon as Arguentana Jones grabs the ancient treasure, the temple begins to crumble and collapse. She barely got to the top of the temple, where she called her escape vehicle (a ROFL-copter) and managed to flee her demise.

Congratulations, you have survived the Adventure!

# Any questions?

0 questions

0 upvotes



# Examples

Example 1: Brownies would make a lot of money at our school sale, but we have no chocolate.

Example 2: Mandatory helmets made streets less safe for cyclists because their number dropped substantiately.



# Discussion

We learned about two argument ranking systems:

- Habernal et al. (regarding convincingness)
- Wachsmuth et al. (regarding relevance)

What are main similarities and differences between these two argument ranking methods?





# Any questions?

0 questions

0 upvotes

# Next week: Quesion Answering I

Q&A (Zoom)



Any final words / feedback?

