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It is the year 2069. Robots and sentient AI have finally taken control over the earth, and all of humanity has been conquered.

All of humanity? Well, not entirely...

One small village near Frankfurt of indomitable NLP students still holds out against the invaders!

The two hackers ASCIIX and OPENIX intercepted an encrypted message. Apparently, the robots have started to communicate in messages that resemble an IOB annotation schema on noun phrases. This was their last code:

B-NPOB-NPI-NP

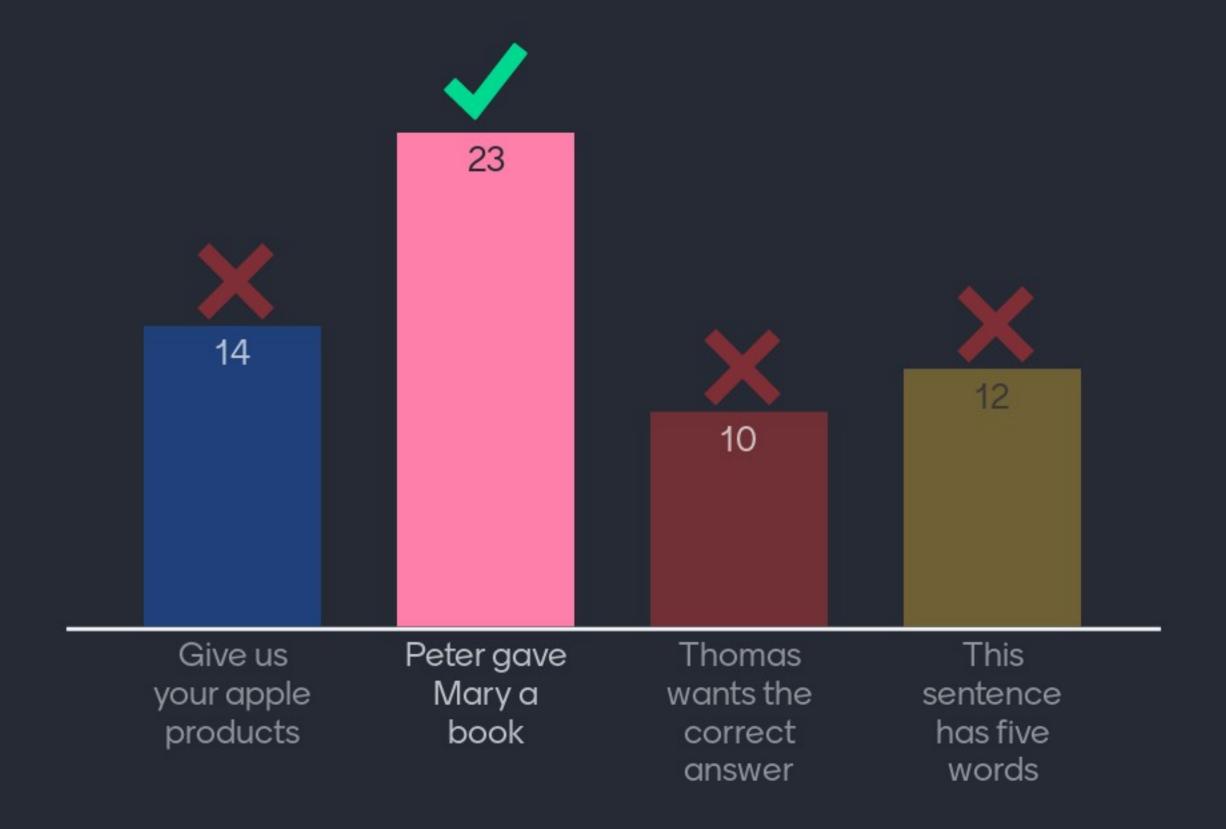
Can you find the corresponding clear text?

(Which of the following sentences follows this IOB schema?)





Which of the following sentences follows this IOB schema? B-NP O B-NP B-NP I-NP





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Give us your apple products

O B-NP B-NP I-NP I-NP
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Peter gave Mary a book

B-NP O B-NP B-NP I-NP

Thomas wants the correct answer

This sentence has five words

B-NP I-NP O B-NP I-NP





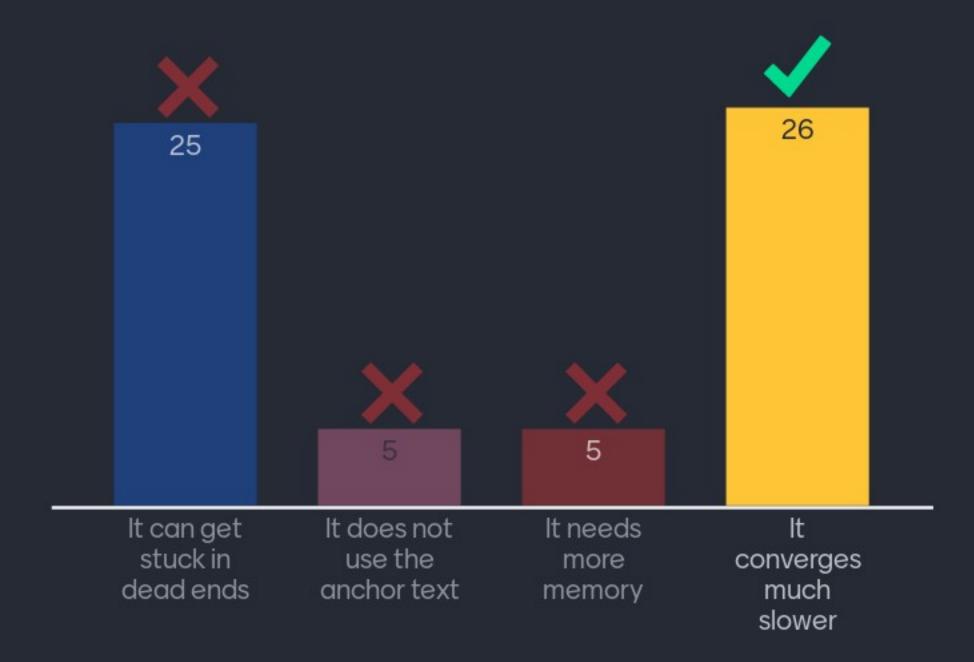
All of these messages do not help ASCIIX and OPEIX in their task! They have to understand the way the machines work, think, and interact!

They do this by implementing a PageRank model of the oppressors, to find out the central figures. You calculate the transition probability matrix of the robots' communication. Now, you have to decide if you should simulate a Random Walk or use the Power Method to generate the PageRank.

What is the main disadvantage of simulating the Random Walk compared to the Power Method?



What is the main disadvantage of simulating the Random Walk compared to the Power Method?







The famous argumentaelogist 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.

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:

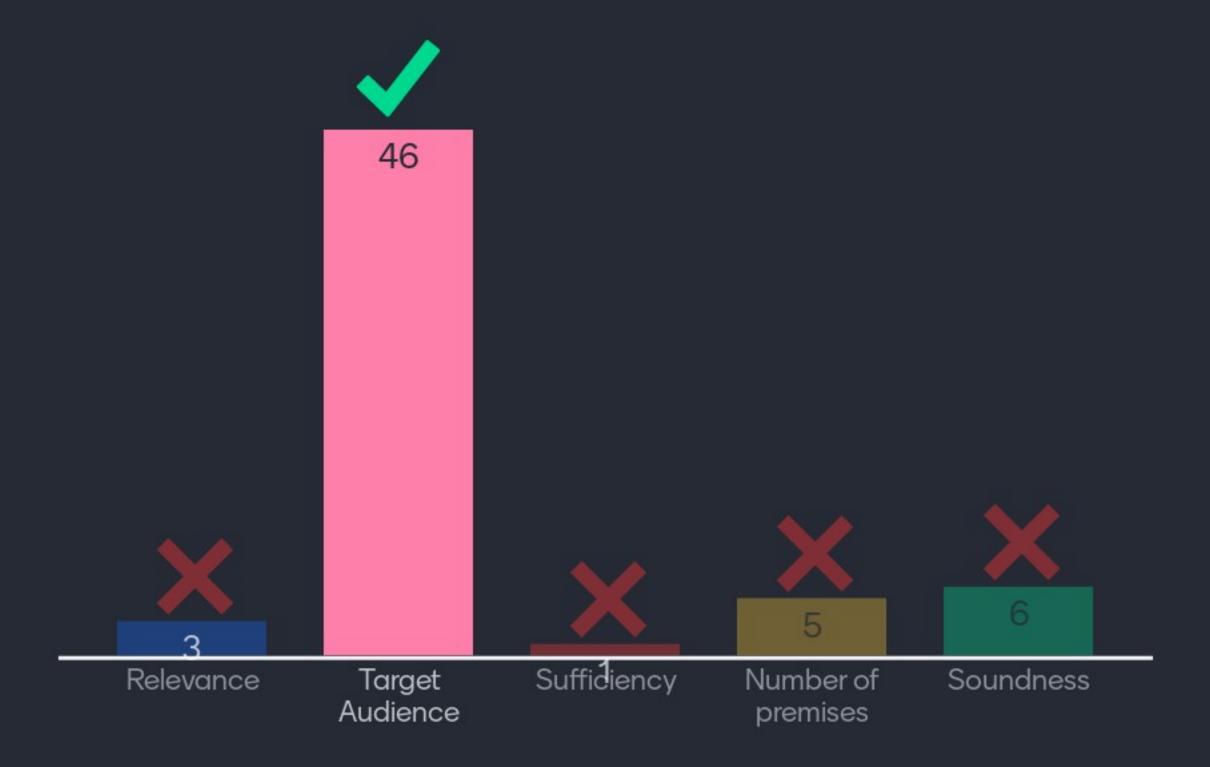
"Find the external factor of an argument!"

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?







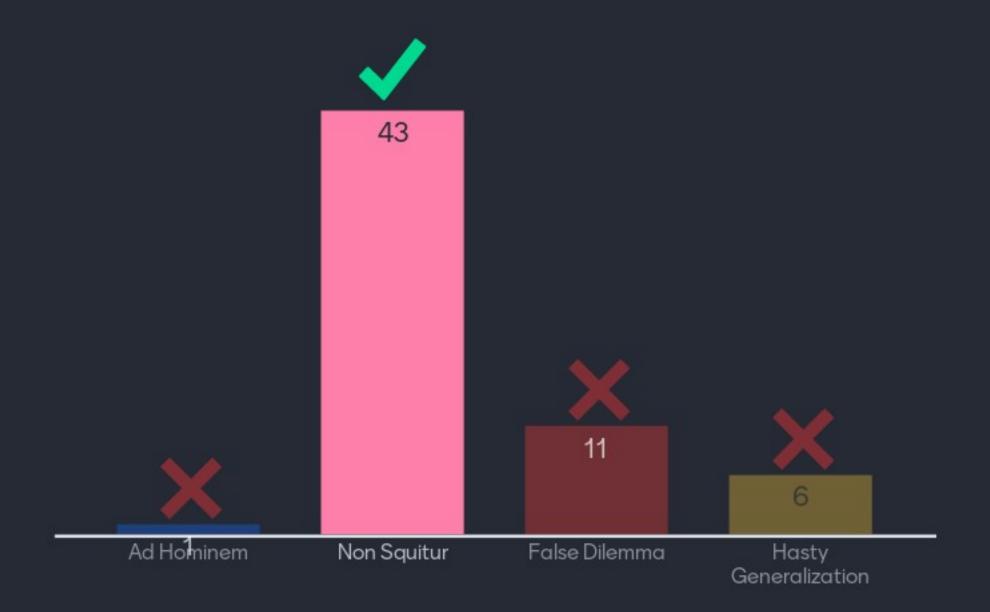
At the last second, Argumentana Jones escaped the dangerous death trap!

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?

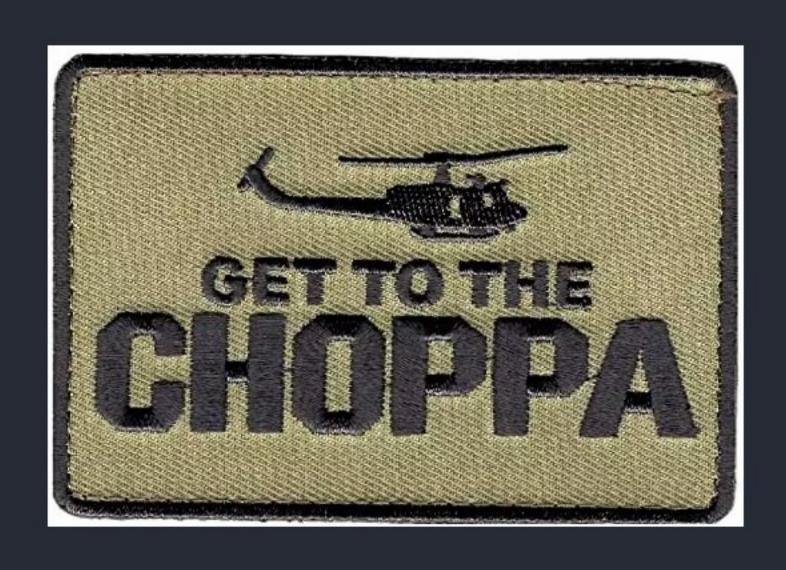
"Because you stole my math notes, I failed my English test!" suffers from which argument fallacy?





Any questions?

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Fin

As soon as Argumentana 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 Argumentana, you have survived the Adventure!

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