

# Prevalence prior manipulation

A

You are an astronaut-scientist exploring a distant planet. On this planet, there are animals called wugs and your team of scientists wants to figure out how to make these animals sleepy. Your team runs experiments trying to make wugs sleepy with different naturally occurring herbs. The results are shown below:

	herb A
animals made sleepy	22
animals treated	100

Your team gave herb A to 100 different wugs.  
Of those 100 treated, **22** wugs were made sleepy.

[Look at results of next experiment](#)

B

You are an astronaut-scientist exploring a distant planet. On this planet, there are animals called wugs and your team of scientists wants to figure out how to make these animals sleepy. Your team runs experiments trying to make wugs sleepy with different naturally occurring herbs. The results are shown below:

	herb A	herb B	herb C
animals made sleepy	22	0	?
animals treated	100	100	100

Your team gave herb C to 100 different wugs.  
The results of this experiment have been misplaced so **we don't know** how many wugs were made sleepy.

[Look at results of next experiment](#)

C

You are an astronaut-scientist exploring a distant planet. On this planet, there are animals called wugs and your team of scientists wants to figure out how to make these animals sleepy. Your team runs experiments trying to make wugs sleepy with different naturally occurring herbs. The results are shown below:

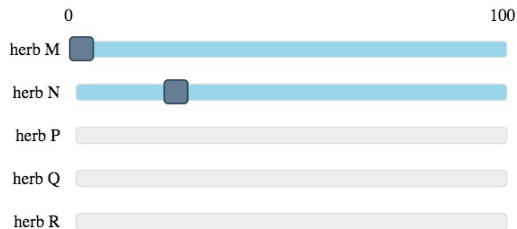
	herb A	herb B	herb C	herb D	herb E	herb F	herb G	herb H	herb J	herb K
animals made sleepy	22	0	?	0	18	0	21	0	0	1
animals treated	100	100	100	100	100	100	100	100	100	100

Please take another moment to review the results of the experiments.

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D

There were 5 other experiments conducted that day.  
For each one, your team gave an herb to 100 different wugs.  
**How many wugs do you think will be made sleepy by each herb?**



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Prior elicitation

E

The results of the experiment with herb C were found.  
Your team gave herb C to 100 different wugs.  
Of those 100 treated, **20** wugs were made sleepy.

Judge the following statement: "**Herb C makes wugs sleepy.**"

☐ No ☐ Yes

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Causal endorsement