Covid Treatment Clinical Trial Data Analysis

Student Guide

Begin by opening the data set provided by your teacher. Work with your group to come up with responses to the questions below.

1. What is the sample size of this trial? (In other words, how many participants were in the trial?)

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1. Is this sample size representative for phase 2 clinical trials?

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1. How many male and how many female participants?

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1. Make a single graph that shows the number of participants with each pre-existing condition.
2. Make a graph that shows the number of participants who got the treatment and the number who got the placebo.

# Looking at Just the Placebo Data

1. What happens to people’s outcomes (from primary to secondary) who get the placebo. Provide visual evidence.

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1. Which group(s) are most impacted? How do you know this? Provide visual evidence.

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# Looking at Just the Treatment Data

1. What happens to people’s outcomes (from primary to secondary) who get the treatment. Provide visual evidence.

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1. Which group(s) does the treatment help the most? How do you know this? Provide visual evidence.

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# To Proceed or Not?

* If you were NIH (National Institutes of Health) and were tasked with deciding whether this treatment should proceed to phase 3 clinical trials, would you approve or not? Please explain your answer.

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* What additional information do you think you would want to know?

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