

Step 3: Look at the Methodology

This section will help you identify how the data for this study was collected. You may want to draw diagrams for each experiment to help you fully understand the work.

Methodology

What methods did the authors use to answer their question? Briefly summarize the main steps or measurements. Use your own words as much as possible.

Step 4: Examine Results

Before reading the authors' conclusion, analyze any data presented in tables or figures and try to draw your own conclusions.

Results

What are the results of each experiment?
What conclusions can you make based on the data provided?

Step 5: Read the Conclusion/Discussion/Interpretation

This section will provide the authors' interpretation of the results and help you gain insight into current competing theories and hypotheses.

What do the authors think the results mean?

Do you agree? Do the authors identify any weaknesses in the study? Do you see any?

What is the importance of this scientific work?

Explain the significant contributions of this study as reported by the authors.