

## Read the manuscript #2

Now that you know what the manuscript is about, read it again to check that the manuscript fulfils the most important requirements.



Top tips:

Take your notes in full sentences and save time by pasting them straight into your review.

For each point include the section, paragraph, figure, or page. This will direct the editor and author directly to your example, and save you extra words explaining your point.

## Abstract and introduction

1. Have the authors adequately summarised the main research question and key findings?
2. Have the authors written a fair portrayal of the previous literature? (List any papers that are missing or shouldn't be included.)

## Figures and tables

3. Do the figures and supplementary figures (and their legends) make sense and do they support the findings?

## Methods

4. Are the experiments or interventions appropriate for the question being asked?
5. Are the methods described clearly enough for the study to be reproducible?
6. Do the authors follow best practices for reporting?
7. Does the study conform to ethical guidelines?

## Results, discussion, conclusions

8. Do the findings (including statistical analysis) support the conclusions that the authors come to? (If the data don't fully support the claims, could the authors moderate the claims to match the evidence or do they need to acquire further evidence?)
9. If the journal selects based on magnitude of advance in the field does the study demonstrate sufficient advance?
10. Are sufficient data provided to allow re-analysis by a reader?
11. How clear is the structure and the prose of the paper?

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