

Comments for 6358 project proposal/draft

Callum Doyle

Please post a rough draft of your project here. To be counted, you need to have addressed at least one of the points I brought up in comments on your proposal.

Please indicate the point you addressed and highlight the text in your draft (whether in bold type or in a color) that addresses this point. This is good practice for responding to journal reviews!

I thank Dr. McGee for their helpful feedback. In this revision, I have carefully reviewed the proposal manuscript and addressed the comments. Please find the point-by-point responses below, with Dr. McGee's comments quoted in *italic*.

You need to fill in more with a literature review.

- Thank you for your suggestion. The introduction section has been revised to include a more thorough background on previous research and results published in the literature, whilst covering some commonly used methods and approaches in the analysis of RNA-seq data.
- Additionally, the introduction has been reorganised into subsections for a more natural and structured flow to improve readability.

And find a real data set to try your results.

- Thank you for the suggestion. A new section has been included to analyse a real data set and compare the results of the four different methods.

The camp function is missing from the simulation code.

- Good spot, thank you for pointing this out. The simulation code has been updated and the simulation should run as intended.