How to be a good reviewer?

Review Tutorial for EECE695D-01 Reproducibility Challenge

Fall 2022

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Announcement

- Peer-review period
 - Send TA your OpenReview ID (due: 11/11)
 - 11/15 ~ 11/29, write review in EECE695D OpenReview.
- Each student should review 2 papers. (Each paper will get 4~5 reviews)
- Paper to review will be assigned considering your background.
- There are 4 scores (criteria is for yours)
 - Needs revision, Weak Accept, Accept, Strongly Accept

 For grading, "how carefully you reviewed" matters more than the scores you got.

The role of reviewer in the process

• Provide an independent, objective, and comprehensive review

Explain clearly the basis of your review and recommendation

Make your final recommendation with solid justifications

- Be constructive to the authors
 - Suggest how they could make project better.

Understand what should be included in review

- A concise summary of paper
 - Brief summary about what authors focused and what is reproduced.
 - Contribution of report

- A clear statement of strong and weak points in project
 - Hyperparameter search? Generalization?

- Other feedback
 - Suggestions for additional work, typos and etc.

Understand what should be avoided in review

- Arrogance, ignorance, and inaccuracy
 - Do not provide an opinion on things you do not know about

- Pure opinions (without reasons)
 - Check if you grounded your statement with a "because..."

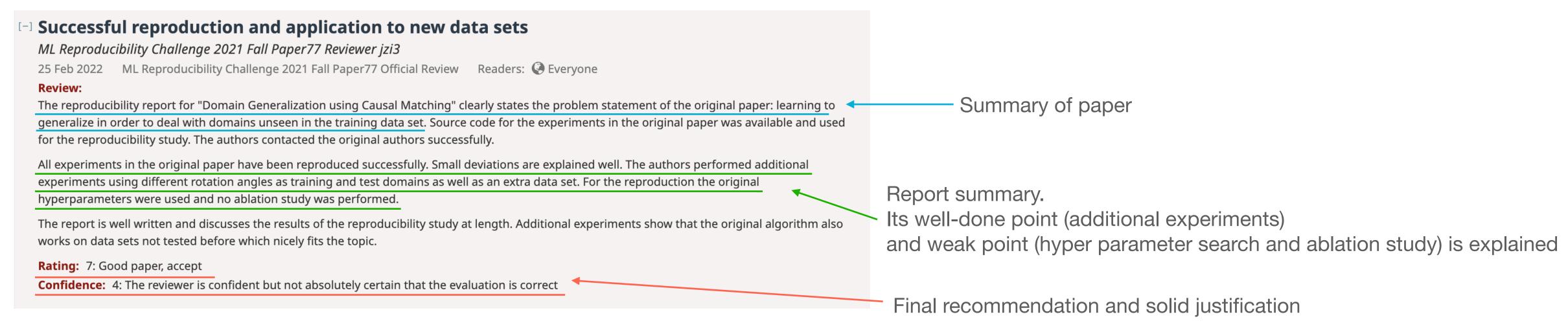
- Intellectual laziness
 - You should follow common principles in scientific review

Difference compared with conference review

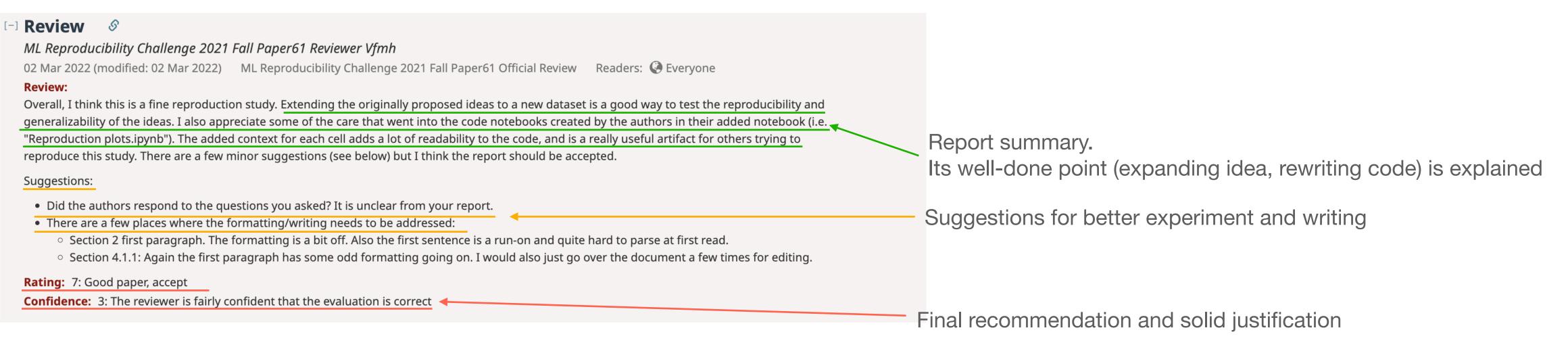
- Less consideration about novelty
 - Reproducibility challenge is not mainly focusing on developing novel method.
 - How well the authors tackled hidden limitation of original paper

Review is NOT about rejecting report.

Example reviews

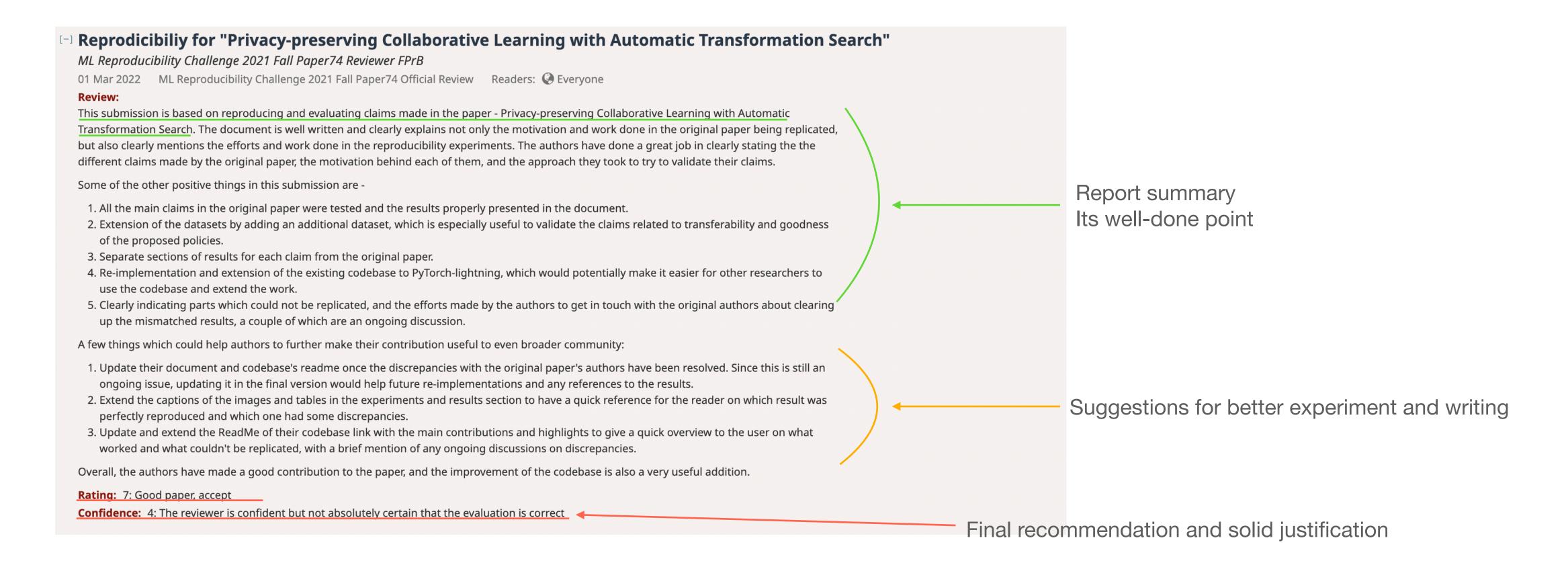


https://openreview.net/forum?id=r43elaGmhCY



https://openreview.net/forum?id=rNgg03fXnRY

Example reviews



https://openreview.net/forum?id=SY84JTG73CK

Additional link

- Paper review example
 - OpenReview ML Reproducibility Challenge

- Reference
 - CVPR2022 Review Tutorial
 - ACL Rolling Review