
Revision Requested for Manuscript ID ci-2022-00779z

2 messages

Journal of Chemical Information and Modeling <onbehalf@manuscriptcentral.com>

22 July 2022 at 15:29

Reply-To: zhu-office@j cim.acs.org

To: jean.p.ebejer@um.edu.mt, jp@bitsilla.com

22-Jul-2022

Manuscript ID: ci-2022-00779z

Title: "Few-Shot Learning for Low-Data Drug Discovery"

Author(s): Vella, Daniel; Ebejer, Jean-Paul

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Thank you for submitting your manuscript to Journal of Chemical Information and Modeling. Please find the enclosed reviews of your manuscript. The reviewers have found significant problems with the manuscript in its current form, but we are willing to consider a revised manuscript in which you have made major revisions and responded to the reviewers' concerns. If you resubmit a revised manuscript, there may be a second round of external review, perhaps including new reviewers.

We would like to receive your revision as soon as possible, by 20-Sep-2022 at the latest.

In addition to addressing the reviewers' comments, please make each of the technical corrections listed below:

X) NEED Table of Contents (TOC) Graphic. This graphic should capture the reader's attention and provide a quick visual impression of your topic. Guidelines for the preparation of effective TOC graphics are available at: http://pubs.acs.org/paragonplus/submission/toc_abstract_graphics_guidelines.pdf. The TOC graphic should appear on the last page of your manuscript and should not have a caption.

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- b) A clean, unmarked copy of the manuscript document file.
- c) A marked copy of the revised manuscript in which all the changes are clearly tracked or highlighted. Upload this file as Supporting Information for Review.
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Associate Editor
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Email: zhu-office@jcm.acs.org

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Reviewer (s)' Comments to Author:

Reviewer: 1

Comments:
Review attached

Reviewer: 2

Comments:
This work reports the training of two few-shot machine learning models on drug discovery problem. The result indicated the potential of the models used for lead optimisation and hit identification with a low-data. There are some comments to the manuscript.

1. The related work section was suggested to move to the supporting information.
2. It is better to redrawing the Figures 8 and 9 using Figure 7 as a reference.
3. Some discussion sentences in the conclusion section should be move to result and discussion section.

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JP Ebejer <jean.p.ebejer@um.edu.mt>
To: Daniel Vella <daniel.vella.12@um.edu.mt>

22 July 2022 at 21:36

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