

Dear Katja Gänger,

We would like to sincerely thank you for your constructive review of our manuscript ([An Effective Communication Topology for Performance Optimization: A Case Study of the Finite Volume WAve Modeling \(FVWAM\)](#)). Your insightful comments have been invaluable in improving the quality of our work. Please find below our detailed responses to each of the comments you raised.

Sincerely,

Renbo PANG, on behalf of the co-authors

Minor comments 1: a) Regarding figures 2, 3, 6, and 14: the figures' panels are included separately with their own captions. This will be unacceptable in the final paper.

Reply : The subfigure captions in Figures 2, 3, 6, and 14 have been removed.

Track changes: Please refer to Figure 2 between Lines 121 and 122, Figure 3 between Lines 166 and 167, Figure 6 between Lines 261 and

262, and Figure 14 on page 26 in the revised manuscript with tracked changes.

Minor comments 2: b) FYI: The supplement zip file was removed because it contains the source files of your manuscript which will be requested at a later stage.

Reply: Thank you very much for your kind reminder.