

Thank you for revising your manuscript according to the requests of the 3rd review round. The main comment did relate to the transferability of the emulator to other settings. You have followed this request and applied your emulator to Pine Island Glacier. I truly appreciate this effort. You forward some performance measures that indicate notably reduced accuracy. To better assess these bulk measures, a supplementary figure of plain-view velocity or thickness maps as well as differences (similar to Figs. 4 and 5) would be beneficial to better assess the implications. Please add such a figure to the supplement and refer to it in the text.

Once this figure is included, I will transfer your manuscript to the TC production office for publication.

Dear Editor,

Thank you for your suggestion about the supplementary figures. We added supplements, including two figures of ice velocity and thickness maps (Figs. S1 and S2; similar to Figs. 4 and 5) and a table of ice velocity and thickness RMSEs (Table S1). We also refer to these figures and table in L417.

Again, we sincerely appreciate all your efforts in processing our manuscript.

Best regards,

Younghyun Koo