Sea ice in the Baltic Sea during 1993/94–2020/21 ice seasons from satellite observations and model reanalysis

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General comments

The authors have given proper answers to my comments and questions, and have improved the paper accordingly. I don't have any new comments on the paper.

However, I still think that it is still unclear what SAR and ice chart product was used. The SEAICE_BAL_SEAICE_L4_NRT_ OBSERVATIONS_011_004 product has manual ice chart which shows level ice thickness. The product SEAICE_BAL_SEAICE_L4_NRT_OBSERVATIONS_011_011 has ice thickness chart based on SAR and ice chart. From PUM: "The SAR data is used to update the ice information in the IC. The ice regions in the IC are updated according to a SAR segmentation and new ice thickness values are assigned to each SAR segment based on the SAR backscattering and the ice IC thickness range at that location." So this thickness chart shows ice chart's level ice thickness in finer spatial resolution, and that is why you likely observed model overestimating ice thickness; more off-shore than near the coasts where there is level landfast ice.