

Interactive comment on “Sea Ice Model Intercomparison Project (SIMIP): Understanding sea ice through climate-model simulations” by Dirk Notz et al.

Dirk Notz et al.

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We are very grateful for your positive and helpful evaluation of our manuscript. In a revised version, we will address all the issues you raise:

1. We will clarify the sign convention
2. We will explain why we request sea-ice speed. This is to account for the movement of sea ice on time scales below one day, which is the shortest period on which velocities are requested. For example, if tides cause the sea ice to move in one direction for 6 hours and then in the opposite direction for the following 6 hours, x and y components of daily velocities might be close to zero, while speed is actually non zero.

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3. We will clarify the variables in the Hibler model

4. We will correct all issues with grammar and typos. Thanks for spotting them.

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