The Cryosphere
Discussions

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# *Interactive comment on* "Opportunistic evaluation of modelled sea ice drift using passively drifting telemetry collars in Hudson Bay, Canada" *by* Ron R. Togunov et al.

**Anonymous Referee #2**

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The manuscript aims to assess the accuracy in the sea ice drift products provided by NSIDC, by comparing them to drift collars. The manuscript is well written and clear.

The area investigated is relatively limited. How are the drift speeds compared to other regions, i.e. would the underestimate also extend to other regions and what would the effect then be on the Pan-Arctic scale?

There are some minor comments that needs to be addressed before publication. Row 44. What is meant with ecology? Ecological studies? Row 87. 4h. Row 87. Are -> have a Row 99. The -> the Row 99. Replace – with for Row 100. AMSRE -> AMSR-E Row 156. Please explain what: intercept, CI, df, t and p stands for Row 181. What kind

C1

of biases were identified? Row 199. Remove "but see"

Does TC allow for paper in review to be included in the reference list? If not please remove Klappstein et al. in review from the reference list.

Row 257-258. Please provide the link to the data here. Row 266. Please provide the link to the data here. Row 326. What type of reference is this? PhD thesis? Report?

Interactive comment on The Cryosphere Discuss., https://doi.org/10.5194/tc-2020-26, 2020.