

The Cryosphere Discuss., referee comment RC3  
<https://doi.org/10.5194/tc-2020-361-RC3>, 2021  
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## Comment on tc-2020-361

Anonymous Referee #2

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Referee comment on "Edge displacement scores" by Arne Melsom, The Cryosphere  
Discuss., <https://doi.org/10.5194/tc-2020-361-RC3>, 2021

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This study introduces a new distance-based approach for assessing the quality of the representation of the displacement over time of the sea-ice edge. The methodology introduced is promising, however the article is yet not mature and need some major revisions for being acceptable for publication in the CryoSphere. Major revisions (attached pdf file) aim to improve the structure and exposition of the article, as well as some aspects of the verification method (e.g. display the results of Tables 1 and 2 as histograms).

Please also note the supplement to this comment:

<https://tc.copernicus.org/preprints/tc-2020-361/tc-2020-361-RC3-supplement.pdf>