

The Cryosphere Discuss., community comment CC1
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Comment on tc-2020-371

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Community comment on "A Bayesian approach towards daily pan-Arctic sea ice freeboard estimates from combined CryoSat-2 and Sentinel-3 satellite observations" by William Gregory et al., The Cryosphere Discuss., <https://doi.org/10.5194/tc-2020-371-CC1>, 2021

Line 88: At the L0 to L1B processing stage, Hamming-weighting and zero-padding were applied, both of which have been shown to be essential for sea ice retrieval and which are not included in the ESA standard processing at this time (Lawrence et al., 2019a).

This statement is not true for CryoSat (which does have Hamming/ZP in the ESA processing). I suggest that the paragraph is changed to state that Hamming/ZP are only currently missing from the ESA processing for S3 and not CS2.