

## ***Interactive comment on “A long-term record of blended satellite and in situ sea surface temperature for climate monitoring, modeling and environmental studies” by V. Banzon et al.***

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As I said in my previous comment, scientific users would surely benefit having some information to identify which product better fits their needs. So, I think that even providing a single additional figure, as you propose, would be informative and interesting. I suggested the ESA CCI for comparison because it represents somehow the European counterpart of NOAA CRD. On the other hand, I understand that working on an evolving product is not an optimal choice and thus agree that taking the OSTIA REP product distributed through the European CMEMS service would be fine. Other products probably do not cover such large periods but possibly include many different sources of data, so comparison even with ultra-high-resolution L4 could probably help highlighting

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the advantages and limitations of each dataset. As you remark, this is however beyond the scope of the present paper, so I would leave it to your choice whether to include also this part or not.

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