



EGUsphere, community comment CC2
<https://doi.org/10.5194/egusphere-2022-660-CC2>, 2022
© Author(s) 2022. This work is distributed under
the Creative Commons Attribution 4.0 License.

Reply on CC1

Jiping Xie

Community comment on "Assimilation of sea surface salinities from SMOS in an Arctic coupled ocean and sea ice reanalysis" by Jiping Xie et al., EGU sphere,
<https://doi.org/10.5194/egusphere-2022-660-CC2>, 2022

For the comment "The authors do much of their analysis on absolute fields, which all look very similar to each other. This makes it hard to believe their conclusions. It would be much more informative to look at the difference fields."

Some words should be added for replying:

Other different model variables had been checked, as Line 482-484: "In addition, the increments for other variables such as SST, SIC and so on are diagnosed, but their spatial features during the same time (figures not shown) have no clear differences as in Exp0"