

Interactive comment on “Heuristic Estimation of Low-Level Cloud Fraction over the Globe Based on a Decoupling Parameterization” by Sungsu Park and Jihoon Shin

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Dear Dr. Kawai

Thank you very much for the very valuable comment.

Following your comment, we repeated the analysis using stratiform LCA (the sum of stratocumulus, stratus, fog) over the 60oS-60oN in the sea ice free ocean. The results are added in the Supplementary Material (Table S1 and Figure S1) with a brief mentioning in L.21-22 of Page.12 in the attached revised draft. As you speculated, EIS/ECTEI and also beta2/ELF showed improved performance over the ocean.

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Thank you very much for your very nice comments. Sungsu

Please also note the supplement to this comment:

<https://www.atmos-chem-phys-discuss.net/acp-2019-104/acp-2019-104-AC1-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-104>, 2019.

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