The Cryosphere Discussions

The Cryosphere Discuss., community comment CC1
https://doi.org/10.5194/tc-2021-56-CC1, 2021
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Comment on tc-2021-56

Christoph Marty

Community comment on "Evaluating a prediction system for snow management" by Pirmin Philipp Ebner et al., The Cryosphere Discuss., https://doi.org/10.5194/tc-2021-56-CC1, 2021

Congratulations on this important piece of evaluation, which has never been done so far. I hope the next important step, running the different models in one resort, can be done soon.
I only miss a clearer declaration of the impact of SRUs with different spatial resolution. If I interpret Fig. 7 and Table B1 correctly, there is no clear difference between 50 and 400 m. From the application side, a clear statement in the abstract or in the conclusion is neccesary in this regard.

Otherwise, just a few minor comments:
L15: This sentence is very hard to understand. Please, rephrase.
L187: CM is not used anymore later!
L273: elevation and not altitude
Fig. 4 (caption): overall accuracy (OA)
Fig. 7 (caption): What do you mean with "global average"?
Table 3: OA is defined with the unit %, but was so far in all figures always given in decimals.
Table C1: Arosa & Obergurgl: Snowfall is per se ephemeral! Do you mean ephermal snow cover?
Table C1: Garmisch: Heterogeneous in what regard?