

The Cryosphere Discuss., community comment CC1
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Comment on tc-2021-56

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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 necessary 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 ephemeral snow cover?

Table C1: Garmisch: Heterogeneous in what regard?