

Interactive comment on “Present and future changes in winter climate indices relevant for access disruptions in Troms, northern Norway” by Anita Verpe Dyrørdal et al.

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Dear Markus Eckerstorfer (Referee #2)

We greatly appreciate the time and effort you have put into reviewing our manuscript, and for the very detailed and valuable suggestions. Thank you for pointing us towards interesting and relevant literature. We have responded to each of your questions and suggestions below, and hope to have clarified some of the major issues raised. In particular, we better explain the choice of weather indices and their link to avalanche release, which as you point out is a complex process. We have cleaned up the use of terms and focus the manuscript more towards snow avalanches, including slushflows,

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and challenging road conditions. In this regard, we have also made our aims more focused. The manuscript has undergone a major restructuring and all sections have been rewritten. Please refer to our answers in the attached pdf.

Please also note the supplement to this comment:

<https://www.nat-hazards-earth-syst-sci-discuss.net/nhess-2019-188/nhess-2019-188-AC2-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2019-188>, 2019.

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