Hydrol. Earth Syst. Sci. Discuss.,
https://doi.org/10.5194/hess-2020-152-SC2, 2020

Hydrology and Earth System Sciences
Discussions

Interactive comment on "Snow Water Equivalents exclusively from Snow Heights and their temporal Changes: The $\Delta_{\mathrm{SNOW.MODEL}}$" *by* Michael Winkler et al.

Michael Matiu

michael.matiu@eurac.edu

Received and published: 5 June 2020

Dear Michael,

thanks for the answers.

I agree that my suggested cross-validation involves quite some (computational) effort, and its benefit is unknown; but at least you could get an idea for the influence of your SWE samples.

Nonetheless, for the "normal" validation, like you did with a holdout sample (even and odd years), it is considered best practice to use all your data for both training and

validation. In your case of a two-fold split, this would have meant repeating the fitting and validation also for the other variant (A: use even for training, odd for validation, B: use odd for training, even for validation). Maybe for the next time...

Best, Michael

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2020-152, 2020.