Comment on egusphere-2022-43
Nicolas Young

Community comment on "Quantification of post-glacier bedrock surface erosion in the European Alps using $^{10}$Be and optically stimulated luminescence exposure dating" by Joanne Elkadi et al., EGUsphere, https://doi.org/10.5194/egusphere-2022-43-CC1, 2022

I enjoyed reading this paper and I found it really helpful to have such a nice summary of glacial vs. non-glacial erosion rates that are found in the literature. In particular, I like your Figure 6 that nicely summarizes the range of erosion rate estimates, and including the method used to derive these rates is a very nice touch. I just wanted to mention that the Young et al datasets shown in Figure 6, were recently expanded upon by Balter-Kennedy et al., 2021. Balter-Kennedy 2021 adds several new data points and also introduces a new method for constraining long-term erosion rates with TCN. Authors could take a look a decide if its appropriate for this figure or discussion.

Anyway, I really enjoyed reading this manuscript.


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