

Interactive comment on “Constraining Quaternary erosion of the Campine Plateau (NE Belgium) using Bayesian inversion of an in-situ produced ¹⁰Be concentration depth profile” by Koen Beerten et al.

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Dear Dr Beerten and co-authors, Your paper now has two thorough reviews. Both are somewhat encouraging but with major reservations on how this 'technique' paper is a step forward from the existing technique. As such, I strongly encourage you to submit a revised version of your paper, as usual fully taking into account and responding to the reviewers' comments. I would appreciate a comment on some misunderstandings that came up regarding how the model differs from previous models. There are a couple of methods for constructing erosion/ages from depth profiles available. It would be nice

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to see a comparison of these methods and to figure out the real differences including uncertainties between them. Are you able/willing to upload the (modified?) source code as a part of the manuscript or on github so that reviewers (and eventually readers) have access to it? Thank you for submitting your work to Earth Surface Dynamics. Best wishes, Jane

Interactive comment on Earth Surf. Dynam. Discuss., doi:10.5194/esurf-2016-57, 2016.