

Nhess-2024-89

The Avalanche Terrain Exposure Scale (ATES) v.2

Author's response to Editor and Executive Editor comments – February 11, 2025

Dear Editors,

We are pleased to see you have accepted our manuscript pending technical corrections. Please find below our explanations of the corrections/changes we have made to the FINAL manuscript.

1. We have removed **Section 8 Code Availability** and added the same information into **Section 5.3 AutoATES** (lines 652-654). This is the more appropriate section for referencing this code, which is not our code (Sykes et al., 2024; Toft, et al., 2024) and is referenced here using a doi link to directs readers to the AutoATES code repository.
2. With regards to the Editor's comment "*It would be very helpful if even just a few paragraphs could be added to the README.md file explaining how to install and run the code.*" We have contacted John Sykes who maintains this code bank and requested that he add this explanation to the code. Because this is not our code and we do not maintain this repository, we cannot make these changes ourselves.
3. We understand the request to NOT have coloured tables as these cannot be published in the final revised version. Thus, we have included Tables 1, 2 and 3 as .png files (images) but continue to refer to them as Tables (even though they are technically now an image). We are prepared to change this if necessary, but Sykes et al. (2024) encountered the same issue with a similar table last year and it was published in this way. See Table 1 in <https://doi.org/10.5194/nhess-24-947-2024>. Sykes described this issue as being solved through the typesetting process. We are prepared to modify if necessary.

We hope this satisfies your request for technical corrections, and please advise if you require anything further.

Sincerely,

Grant Statham and Cam Campbell