

Interactive comment on “Brief communication: Accuracy of the fallen blocks volume-frequency law” by Valerio De Biagi

V. De Biagi

valerio.debiagi@polito.it

Received and published: 11 July 2017

Thank you for your insightful comments that help me to improve the quality of manuscript.

[AR2's comment] . . . The readability and rigour of this contribution would highly benefit from a closer link to its predecessor publication especially to the presented data sets of Buisson and Becco dell'Aquila. As exercised out in RC1, bringing the content of the previously shown data into the here presented framework, both shows the applicability as well as helps in understanding the proposed formalism.

[Author's response] I perfectly agree with the observation of the anonymous referee. In the revised version of the manuscript, two examples drawn from the dataset presented

C1

in the parent paper (De Biagi et al., 2017) will be added.

[AR2's comment] Here is to note, that the absence of the aleatoric error in the review of the frequency law reliability is indeed a major concern as pointed out already in RC1.

[Author's response] Please refer to the response to Dr Hantz (RC1). As reported, the aleatoric error will be debated in a separate section in the revised manuscript.

[AR2's comment] The abstract should conclude in a more precise way showing the link to engineering practice.

[Author's response] I agree with the observation. The manuscript will be modified in the revised version of the manuscript.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2017-151>, 2017.

C2