

Dear Editor,

first of all we gratefully thank all the people involved in the revision of our manuscript, in particular Dr Hantz for his suggestions and corrections to the manuscript which certainly improved its overall quality. They have been acknowledged in the appropriate section of the manuscript.

Following the observations made by Dr Hantz, the manuscript has been corrected.

In the following "Editor' response" letter, the comments of Dr Hantz are in bold, while authors' reply is in normal character.

We hope that our revision has fulfilled editor's and reviewer's requests.

Yours truly,

Valerio De Biagi (corresponding author)
Maria Lia Napoli
Monica Barbero
Daniele Peila

In the "Report #1" published on the online procedure on Dec 9, 2016, Dr Hantz points out few observations:

DrH: The most important remarks and comments have been taken into account in the revised manuscript, but some minor revisions are still necessary. They are listed below. Moreover, some minor corrections suggested in the pdf of the first version are still necessary.

AUTH: The minor corrections suggested in the PDF of the first version have been made.

DrH: 1. In their interactive comment, the authors intend to mention the studies of Rosser et al. (2005), Abellan et al. (2010) and Dewez et al. (2013), but they mention only Dewez et al. in the new manuscript (line 13, page 4). Rosser et al. are also forgotten in the reference list.

AUTH: The references have been added to the manuscript (page 4, line 13).

DrH: 2. At the end of section 2 (page 5), when discussing the influence of the lithology, it should be mentioned that the deposits surveyed by Hantz et al. (2016) consists is a limestone deposit (page 5, line 7).

AUTH: This information has been added "Hantz et al. (2016) surveyed four limestone deposits in..." (page 5, line 5-6).

DrH: 3. Page 9, line 25, the term bedding should be replaced by foliation, which is convenient for metamorphic rocks.

AUTH: The term has been replaced (page 9, line 25).

DrH: An error in Equation (5) must be corrected (lambda is missing):

Replace "(1- FV(v)) = 1/T" by "lambda (1- FV(v)) = 1/T".

AUTH: The equation has been corrected (Page 7, Eqn.(5)).

DrH: Page 7, line 25 and 28, "half the annual mean frequency" must be replaced by "half the return period". Moreover, it should be mentioned that t/n^* is a good estimate of the return period only if n^* is high enough (with $n^* = 1$, the return period may be strongly underestimated if the observed period is short!).

AUTH: "Half the annual mean frequency" was replaced by "half the return period" in page 7, line 24. In addition, as suggested by Dr Hantz, page 7, lines 27-28 have been rewritten accordingly: "If n^* is larger enough, the term t/n^* is a good estimate of the return period of the events of the reduced catalogue. In the case $n^* = 1$, the return period may be strongly underestimated if the observation period is short."

DrH: Page 8, line 13: Equation (10) isn't the cumulative "density" function but the cumulative "distribution" function.

AUTH: The term has been corrected (page 8, line 13).

DrH: Page 12, line 7: "the block" is the beginning of a new sentence.

AUTH: The error has been corrected (page 12, line 7).

DrH: Page 12, line 4: Replace "with the dominant bedding planes orientation of the foliation N140/50" by "with the foliation plane N140/50".

AUTH: The sentence has been replaced (page 12, line 4).

DrH: Page 13, line 5: "detach from" should be replaced by "stop on", because all the blocks which detached from the slope are not surveyed, but only those which have reached the observed area.

AUTH: The term has been replaced (page 13, line 4).

DrH: Page 14, line 9, replace "colleauges" by "colleagues"

AUTH: The error has been corrected (page 14, line 9).