

Dear professor Filippas Vallianatos

We would like to thank you and reviewers for careful and thorough reading of this manuscript and for the thoughtful comments, which help to improve the quality of this manuscript. Below, we also provide a point-by-point response on how we have addressed each of the reviewer's comments:

Response to Anonymous referee #1

In the revised version of the paper "A non-extensive approach to probabilistic seismic hazard analysis" the authors have addressed most of the issues related to the previous version of the manuscript. Therefore, I recommend its publication after some minor corrections listed below.

***Thank you for these positive comments. Below is our response to the issues raised in the review.***

1) The caption of Fig.1 should describe all aspects presented, as for instance what the symbols show (earthquakes).

***Response: Corrected as suggested by the reviewer.***

2) In Table 1 there is no point in showing the parameter values up to six decimal digits. Round the values up to 2 or 3 decimal digits. Add the decimal operator to the upper confidence value of  $q$ .

***Response: Thanks for your accuracy. The correction has been made.***

3) After Equation 1, rewrite the parameter  $v$  to be similar to the one shown in the equation.

***Response: The correction has been made.***

4) In the paragraph before section 4 in page 6, correct "extansive" to "extensive".

***Response: The correction has been made.***