

Answers to the questions cited by the reviewers of the manuscript:

Multifractal structure and Gutenberg-Richter parameter associated with volcanic emissions of high energy in Colima, México (years 2013-2015)

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Dear Editor,

Thank you for considering our manuscript for review. We have reviewed our manuscript in detail and considered all the comments of the two reviewers, integrating their observations for the improvement of the document. We mark in red the modifications suggested by Dr. Ramón Zúñiga, and in blue the suggested by the anonymous reviewer.

- 1) The **Abstract** has been rewritten to improve readability and clarify the text.
- 2) Changes are also added to the **Introduction**, with the aim of a more clear explanation of the background and objectives of the manuscript.
- 3) Some changes have been introduced in the section **Database** to improve the readability
- 4) Changes to the **Multifractal Methodology** section include the rewriting of two paragraphs and a better explanation of Holder's exponent.
- 5) The section **Results** has been revised with detail and only two very small changes appear in red types.
- 6) In **Conclusions** we also rewrite some paragraphs to improve the readability
- 7) The caption of the **figures** have also been revised and detailed in those cases where the text was not very descriptive.