

Interactive comment on “Time difference of arrival estimation of microseismic signals based on alpha-stable distribution” by Rui-Sheng Jia et al.

Anonymous Referee #1

Received and published: 8 January 2018

After reviewing said manuscript, several points spring to mind with regards to improving paper

- A review of paper for grammatical errors and typos is suggested. Some missing punctuation in some places - Some clarity is required with regards to certain statements: e.g "The pulse characteristics of the microseismic signal is outstanding" seems vague. General contains a number of vague sentences - The examples provided haven't fully demonstrated how this is better than the generalized cross- correlation. - Paper isn't suitable for a general audience, provide better context as to why this is important/useful. Also provide some background to better understand concepts presented. - Figures are too small, try increasing font sizes on captions and figure size.

C1

Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2017-49>, 2017.

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