

Ann. Geophys. Discuss., author comment AC2  
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## Reply on CC1

Mohammad Mahdi Khoshgoftar and Mohammad Reza Saradjian

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Author comment on "Estimation of date and magnitude of four major earthquakes using integration of precursors obtained from remote sensing data" by Mohammad Mahdi Khoshgoftar and Mohammad Reza Saradjian, Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2021-41-AC2>, 2021

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Thank you for supporting the paper and the positive points you made in this regard. I will state the following in response to your points:

- None of the precursors are focused solely on the epicenter, and the time series consisting of all of them is collected in a spatial interval relative to the epicenter.
- Yes, this equation is correct for MSE. This equation is applied when MSE is used as an estimator. The variance and median for the predicted upper and lower limits for the date and magnitude of the earthquake are calculated separately for all precursors. Finally, any parameter that has a minimum value of MSE is considered as the final parameter of the earthquake.
- Regarding minor points, all were corrected.