

Interactive comment on “Seismicity at the Rwenzori Mountains, East African Rift: earthquake distribution, magnitudes and source mechanisms” by M. Lindenfeld et al.

T. Iwasaki (Editor)

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I checked the referees' comments and the authors' replies. I think we should go the next step, namely the revision of your manuscript. I recommend the following points in your revised version.

(1) The two reviewers require the explanation on your analysis methods. The “Referee 1” pointed out the reliability on your hypocenter determination. So, you can add more explanation, for example, results using another velocity model as you provided in your replay. Also, some discussion is useful for the relationship between the earthquake locations and low velocity zone.

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(2) Both of the reviewers mention the reliability on your focal mechanism determination. I strongly recommend adding more explanation and discussion on this matter. Comparison of your results from combined data set of P wave first motion and SV/P amplitude ratio to those only from P-wave data is very useful.

(3) Generally, the referees' comments are positive and useful. So, inclusion and discussion of their comments improve your paper.

Interactive comment on Solid Earth Discuss., 4, 565, 2012.