Solid Earth Discussions

Solid Earth Discuss., referee comment RC1
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Comment on se-2021-87

Anonymous Referee #1

Referee comment on "A Normal Faults System in the Monte Nerone area and its significance in the recent seismo-tectonic setting of the Northern Umbria-Marche Apennines (Italy)" by Mauro De Donatis et al., Solid Earth Discuss., https://doi.org/10.5194/se-2021-87-RC1, 2021

The paper shows some interesting data on active tectonics in northern Apennines but the supporting data set seems a bit poor. Moreover, the arguments are exposed in a generic way and do not support completely the conclusions. The figures are not exhaustive to demonstrate recent fault activity, English is poor as well. Since the scientific approach and applied methods are fairly valid, I think that it should be resubmitted after major revisions. Other comments are annotated in the attached file.

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Please also note the supplement to this comment:
https://se.copernicus.org/preprints/se-2021-87/se-2021-87-RC1-supplement.pdf