Solid Earth Discussions

Solid Earth Discuss., author comment AC1
https://doi.org/10.5194/se-2021-87-AC1, 2021
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Reply on RC1

Mauro De Donatis et al.

Author 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-AC1, 2021

One of the aims, I would say the main one, of this paper is to start a debate on the ground evidences of the strongest earthquake event of the Northern Marche region. No other authors worked on this topic because, I think, the evidence is very poor and do not allow to get quality data as well as the recent events (L'Aquila 2009, Norcia 20016).

This contribution is just the beginning of this study and wants to stimulate other researchers more experienced to bring their contributions. We are aware that this work is not exhaustive, and some part must be deepened and extended to a larger sector. Nevertheless, we tried to offer some new sight on the mapped structures in an extensional tectonic framework very similar to the one interpreted for the southern Marche region.

About English language, we have submitted to a professional (paid) language revision. Anyway, we will try to improve in a next version.

Please also note the supplement to this comment:
https://se.copernicus.org/preprints/se-2021-87/se-2021-87-AC1-supplement.pdf