

Solid Earth Discuss., author comment AC2  
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## Reply on RC1

Mikael Evain et al.

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Author comment on "Crustal structure of the East African Limpopo margin, a strike-slip rifted corridor along the continental Mozambique Coastal Plain and North Natal Valley" by Mikael Evain et al., Solid Earth Discuss., <https://doi.org/10.5194/se-2020-209-AC2>, 2021

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We first would like to thank Referee #1 for his time to review our manuscript despite being unfamiliar with the study area and this type of data analysis. We understand that the initial version of our manuscript might have been hard to read. Therefore, we have prepared a new version that will hopefully be easier to read and follow. We made a full review of our manuscript to improve its clarity and respond to the community and the two referee comments. It now includes, as suggested by Referee #1:

- a shorter and more straightforward abstract,
- updated figures with improved visibility,
- an introductory figure that pictures the general geodynamic framework of the studied region,

More generally, we paid particular attention that all geographic locations and features mentioned in the text are visible on figures. We also extended figure 1 (which is now figure 2) which should now summarize most of the cited geographical locations. With respect to figure 8 (now figure 12), which is indeed the primary product of our study, it has been moved further down the text in the section 5 which specifically focuses on our results and their interpretations. Within this section we systematically refer to this figure (the velocity model) to present a top to bottom view of the crustal structure of the margin that is key for the following discussion.

Best regards,

Mikael Evain on behalf of all co-authors