

Solid Earth Discuss., author comment AC2
<https://doi.org/10.5194/se-2021-32-AC2>, 2021
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Reply on RC2

Hossein Hassani et al.

Author comment on "Imaging crustal structures through a passive seismic imaging approach in a mining area in Saxony, Germany" by Hossein Hassani et al., Solid Earth Discuss., <https://doi.org/10.5194/se-2021-32-AC2>, 2021

We are grateful for the positive opinion and careful review of referee #2 on our article. Of course we will consider your constructive and helpful comments in a revision and try to enhance the manuscript to improve the statement and declarations.

Referring to your comment about the lack of comparison with the other standard imaging approach, we would like to mention the limited coverage of the available dataset on the study area. On the other hand, in order to avoid repetitions and to demonstrate the reliability of the imaging results, we performed a one-to-one comparison to show the differences and similarities between our results and the results of the conventional active seismic imaging survey. However, we will try to enhance the comparison part (as much as possible) to provide a better understanding of the results of this study.

Sincerely yours,

Hossein Hassani on behalf of co-authors