

Interactive comment on “Lithospheric image of the Central Iberian Zone (Iberian Massif) using Global-Phase Seismic Interferometry” by Juvenal Andrés et al.

Anonymous Referee #2

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This work is about the application of global phase interferometry to map the crustal structure beneath a linear seismic array across Central Iberia.

In general, the manuscript reads well. However, I believe that the results are overinterpreted, and there is significant potential for further improvement. In the current shape of the results, I have a hard time to associate the interpretation with the observed results in Figure 4.

-Figure 4: The reflectivity traces can be further boosted by applying an AGC type operator. I strongly suggest that authors try this for several windows of choice.

Authors openly discuss strategies about eliminating the side lobes of the AC traces.

However, in the end, they opted to use a surgical mute. It would be great if they can share their results with both of the techniques in figures.

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-107>, 2019.

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