

Interactive comment on “Teleseismic P-waves at the AlpArray seismic network: Wave fronts, absolute traveltimes and traveltime residuals” by Marcel Heinz Paffrath et al.

Marcel Heinz Paffrath et al.

marcel.paffrath@rub.de

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Dear Referee #1,

Thank you very much for your comments and suggestions. We will include a geological map (Fig. 1) showing the tectonic setting and stations. We use the term traveltime residuals, as we are indeed calculating differences of demeaned observed traveltimes to demeaned theoretical ones and not time differences between stations.

We will include the remaining smaller suggestions and corrections as well.

Best regards,

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Marcel Paffrath

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2020-189>, 2020.

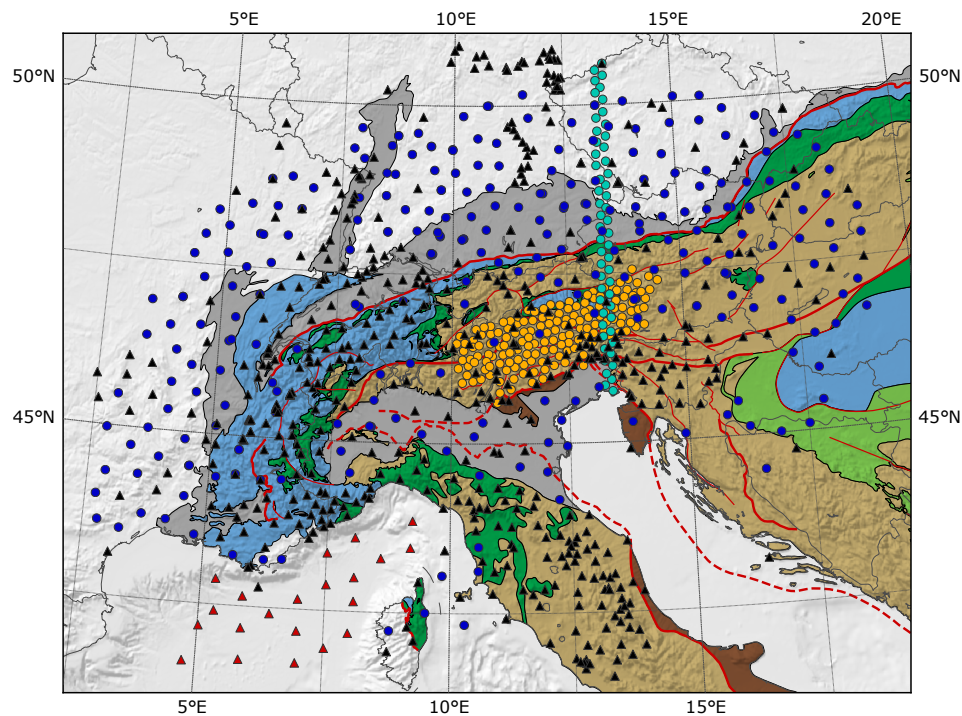
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Seismic Networks

- AlpArray
- EASI
- SWATH-D
- ▲ OBS
- ▲ Permanent (other)

Tectonic Units

- Adria accreted
- Adria autochthon
- Europe accreted
- Neotethys
- Alpine tethys
- Flexural foredeep and graben fill

Faults

- Deformation front, exposed
- - - Deformation front, subsurface
- Important Neogene fault

Fig. 1.

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