

Interactive comment on “Evaluating Seismic Beamforming Capabilities of Distributed Acoustic Sensing Arrays” by Martijn P. A. van den Ende and Jean-Paul Ampuero

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We thank dr. Martin for her suggestions for the manuscript. Converting the DAS strain rates to a horizontal velocity component is indeed an intuitive step to make, and in fact we explored this idea when this manuscript was first submitted. We have now completed the analysis, and we have dedicated a new section (3.5) to describe the procedure and results of integrating the DAS strain rates. In summary, performing this analysis leads to DAS beamforming results that are nearly identical to those of the nodal array, and are thus better (less affected by heterogeneities) than beamforming the raw DAS strain rate data.

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2020-157>, 2020.

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