

Peer Review

Review of: "Annealed Stein Variational Gradient Descent for Improved Uncertainty Estimation in Full-Waveform Inversion"

Milad Bader¹

1. Chevron (United States), San Ramon, United States

The paper treats an interesting topic related to FWI using a flavor of simulated annealing. It is well structured and well written. I only have minor comments, mainly regarding the notations (see annotated pdf). The particle clustering part could use some improvement in the clustering itself and the displays. I also recommend the authors to be more critical/cautious when interpreting the clustering results.

Attachments: available at <https://doi.org/10.32388/R9DNG7>.

Declarations

Potential competing interests: No potential competing interests to declare.