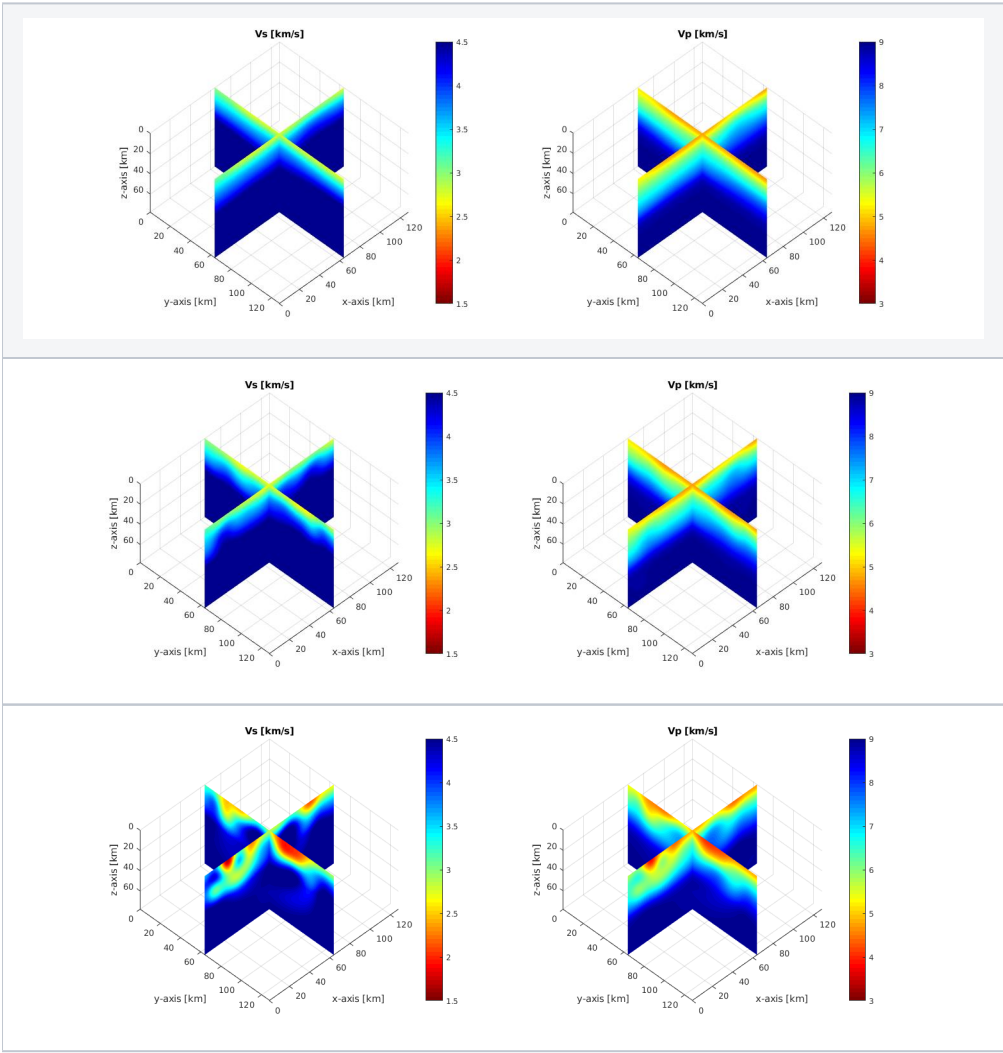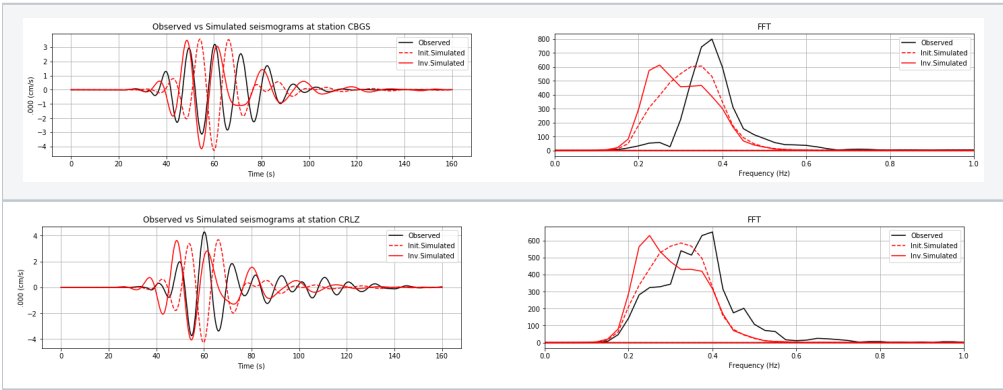# Inversion for observed data from 98 events using broad-band filter adjoint source at [0.05-0.1]Hz, NCC>0.5 and minimum of 5 stations per event
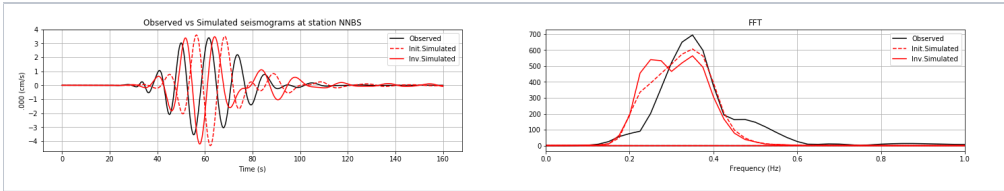
TODO:
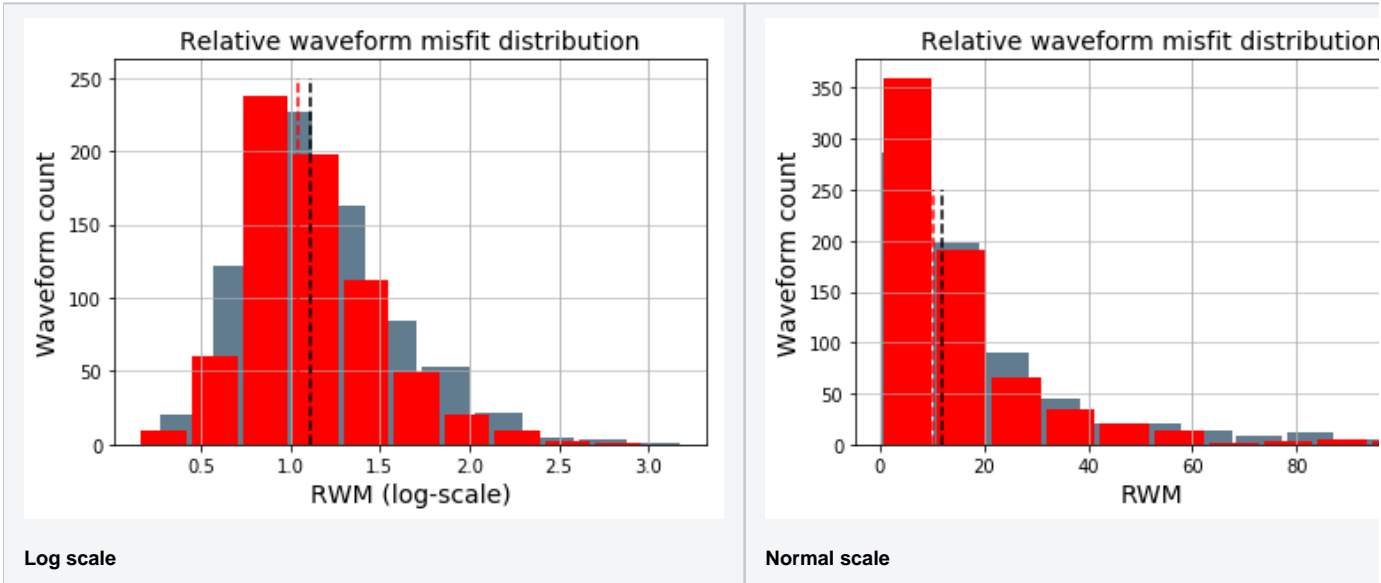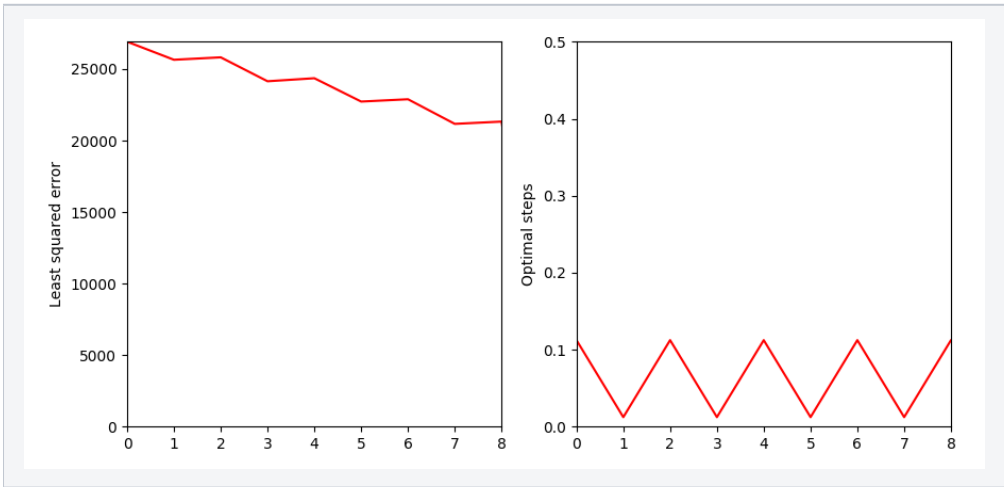
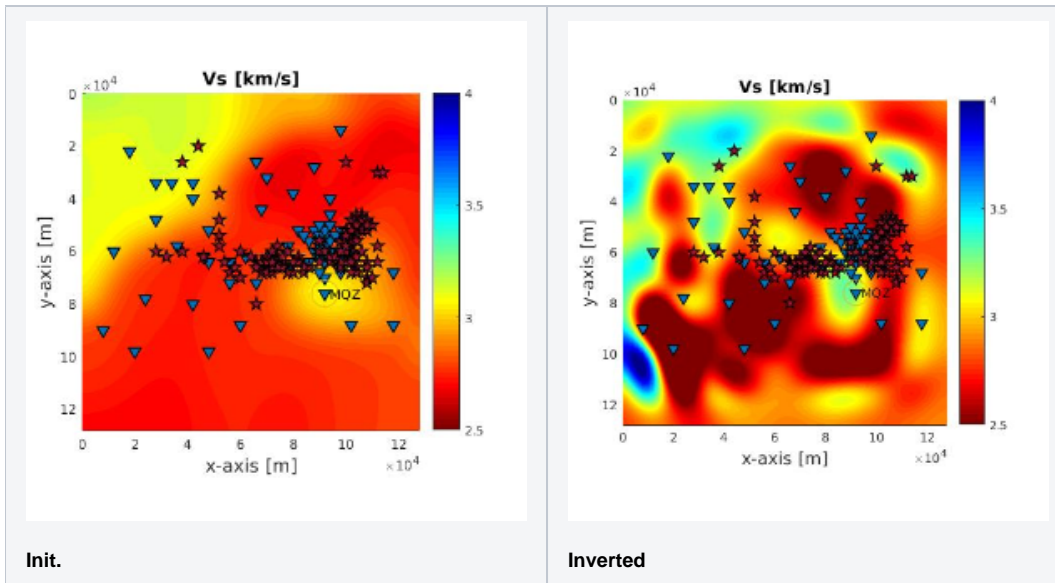Inversion for 10 iterations

Waveform comparison

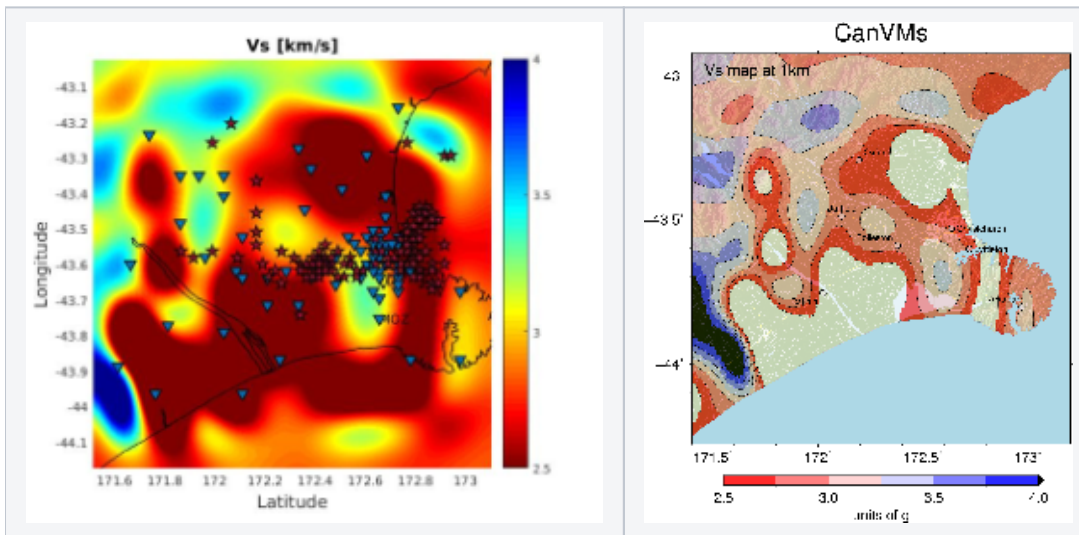Misfit distribution before (gray) and after (red) inversion

Log scale

Normal scale

Misfit and step length after iterations

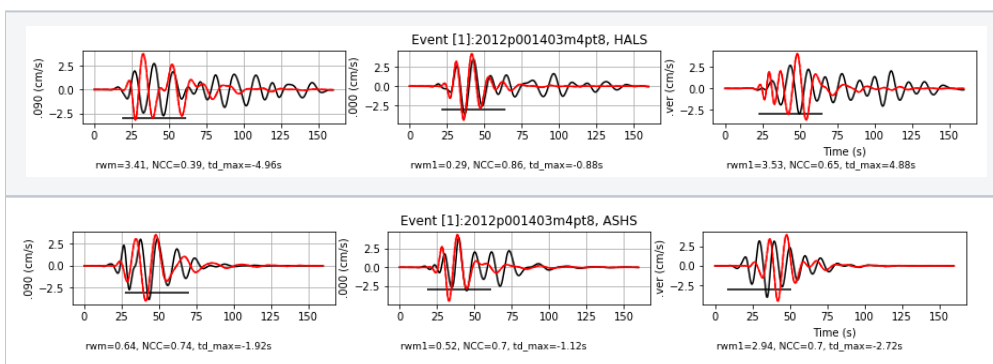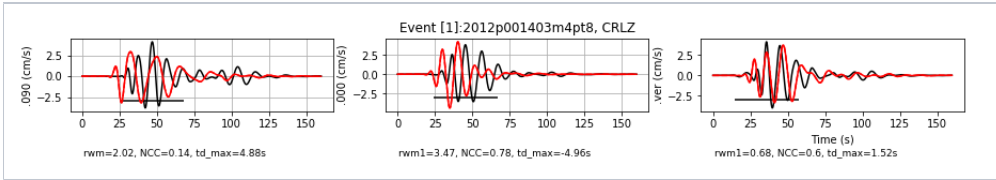Plane view comparison of the initial and inverted models at 2km depth

Init.

Inverted

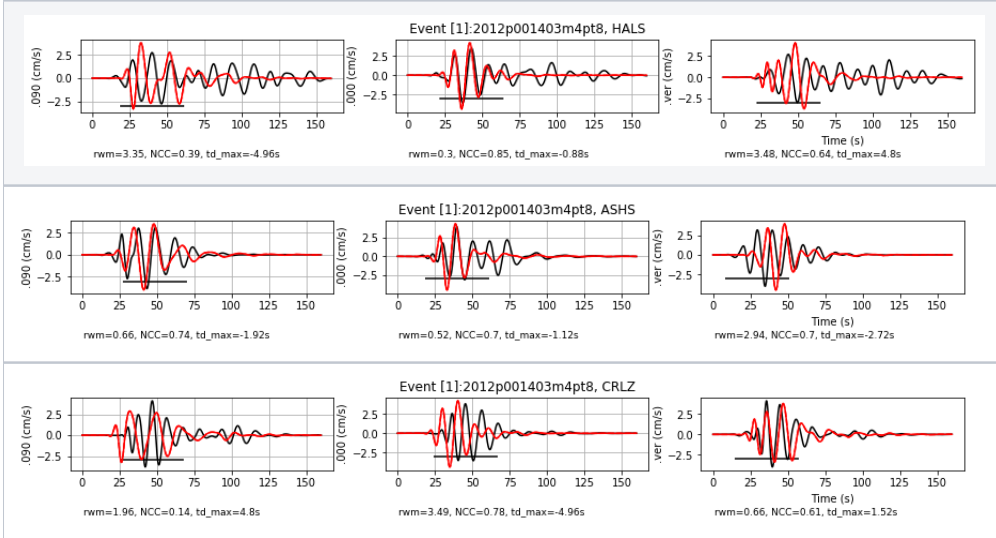Plane views of the inverted models at 2km depth with coast lines

New inversion using 98 events with rwm<4 for each individual windowed seismogram, no time shift applied:

Examples of simulated waveform vs observed data, the measurements include time-window (underline), relative waveform misfit (rwm), normalized correlated coefficients (NCC) and optimal time shift (Td_max).
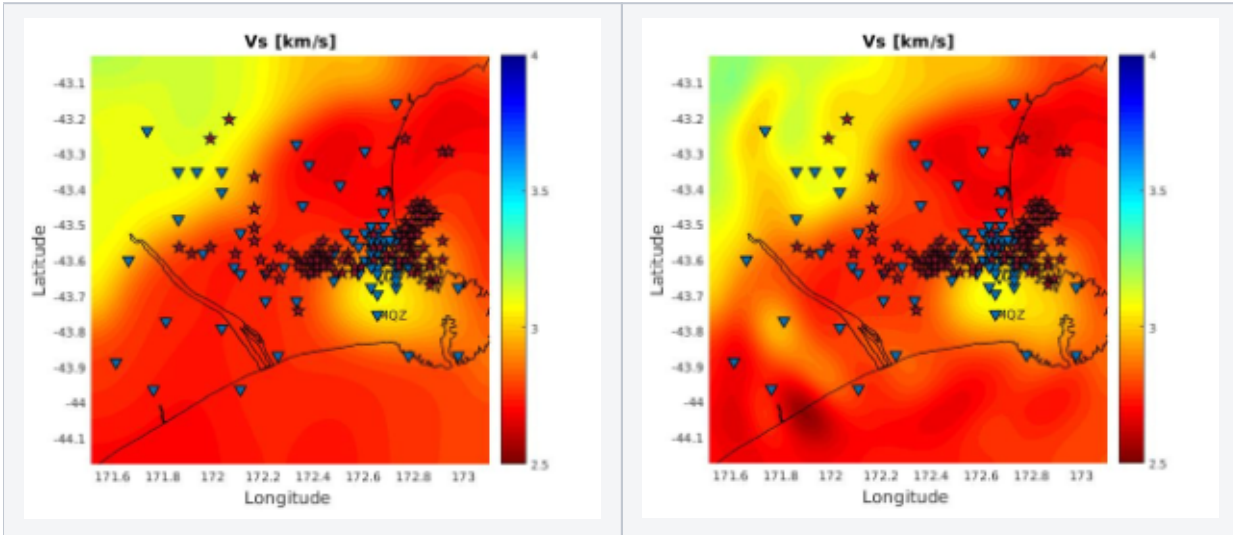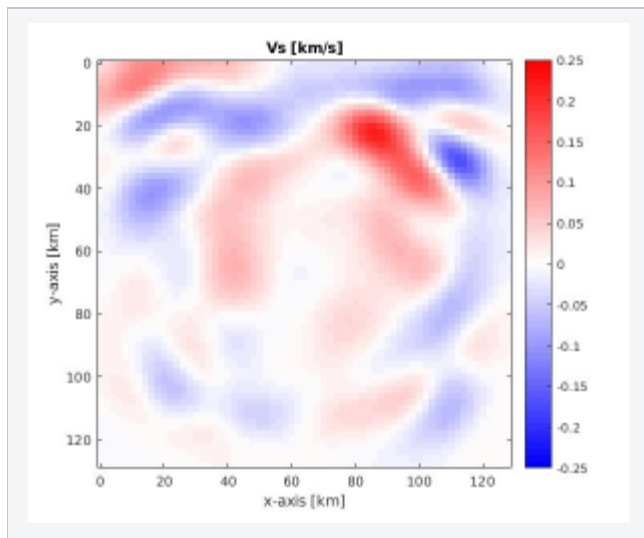
Simulated waveform vs observed data after 2 iterations

Plane view comparison of the initial and inverted models at 2km depth

Plane view of the perturbation between initial and inverted models at 2km depth

Vs [km/s]

RWM distribution before and after inversion

Relative waveform misfit distribution