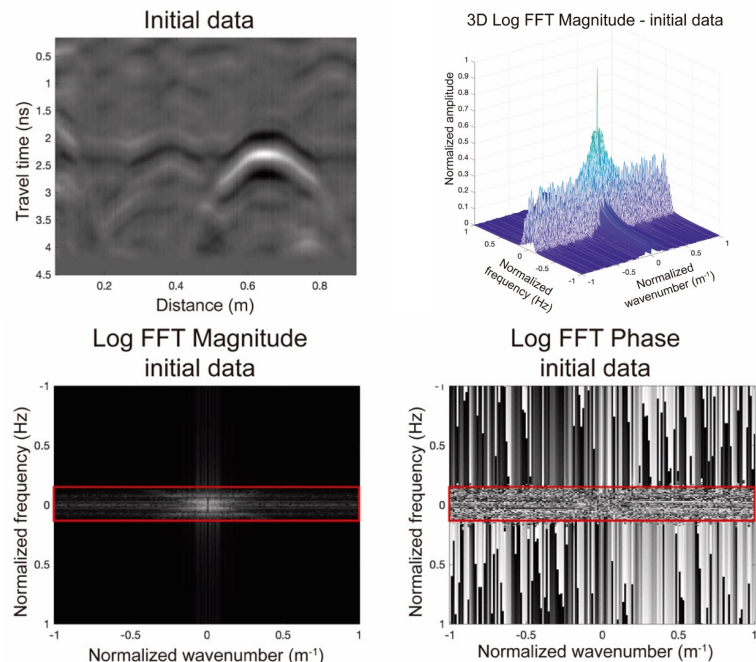


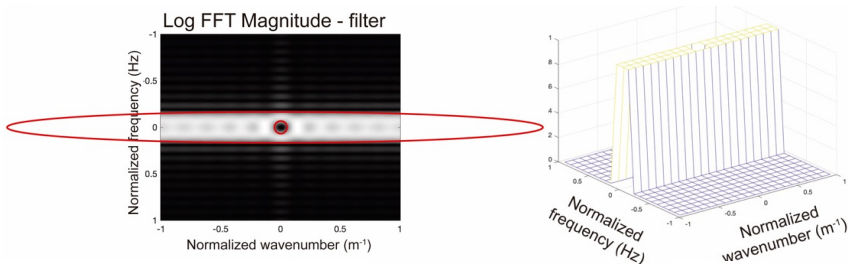


1. Spectral Analysis GPR data

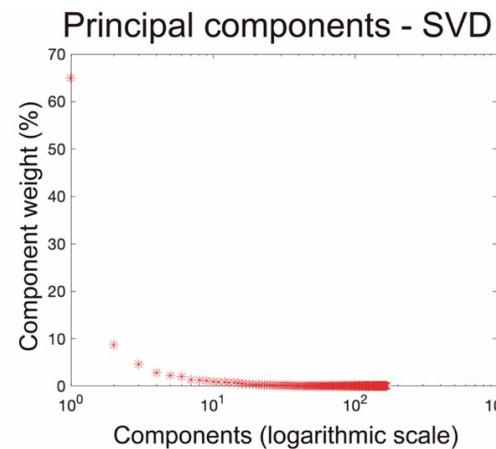


2. Filter design (by trial and error)

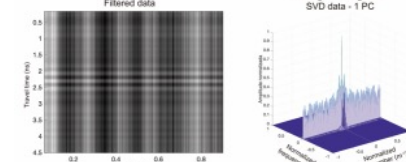
Filter design



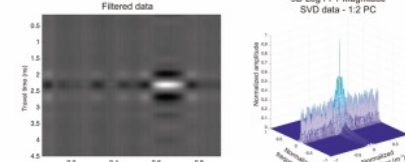
3. Using SVD to automate the data selection



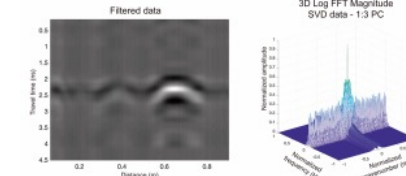
1st PC



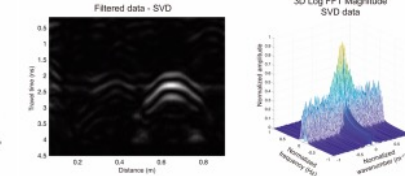
1st to 2nd PC



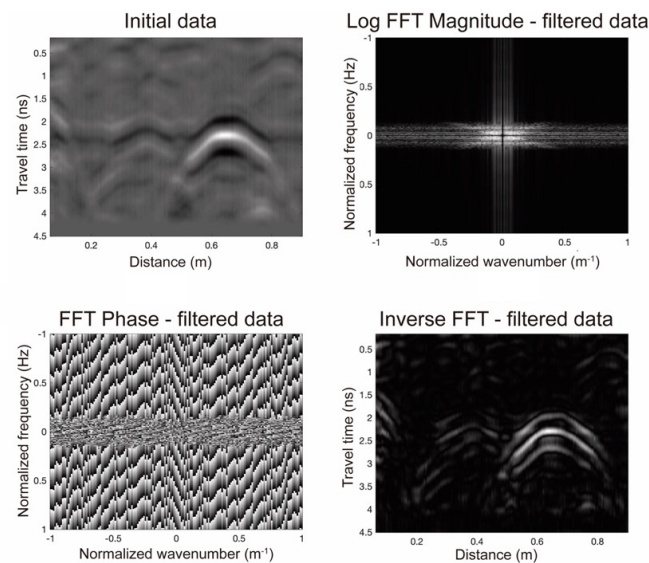
1st to 3rd PC



All except 1st PC



4. Results: 2D laboratory data (left) and 3D field data (right)



FFT2 + SVD processing

Standard filtering vs FFT2+SVD filtering

