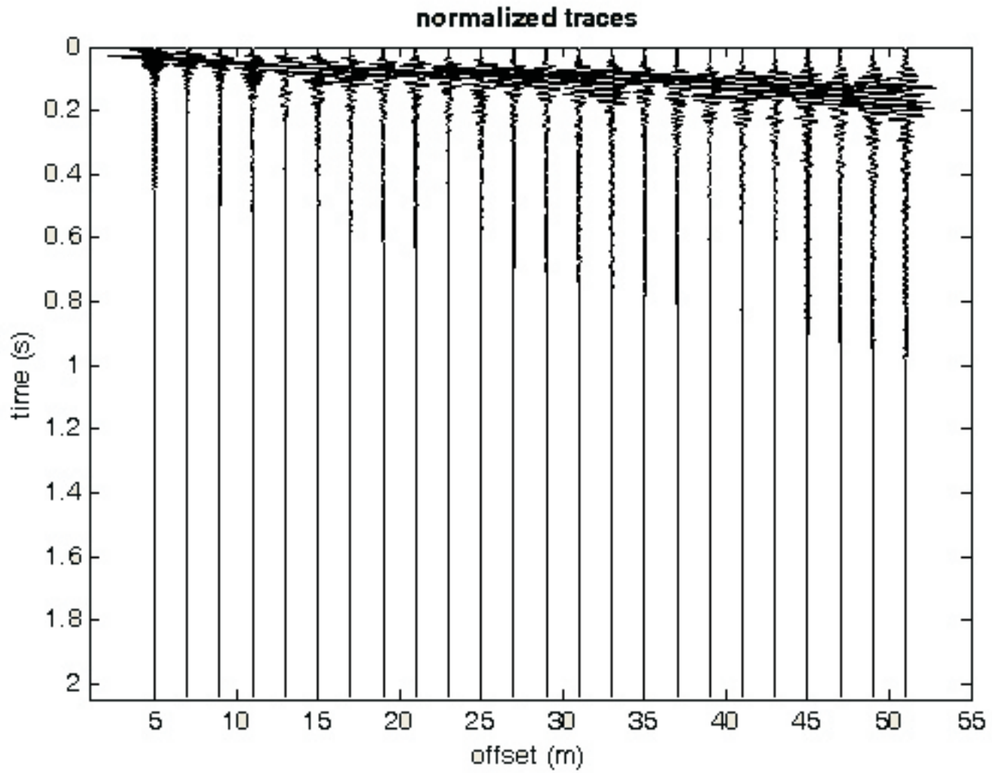
#1: uploading & processing (MASW analyses)

dataset: 2smaswvenanzio.dat
minimum offset: 5 m
geophone spacing: 2 m
sampling: 0.125 ms



utilities
flip traces
spectrum
movie ?

data selection
activate
select 20
cancel save

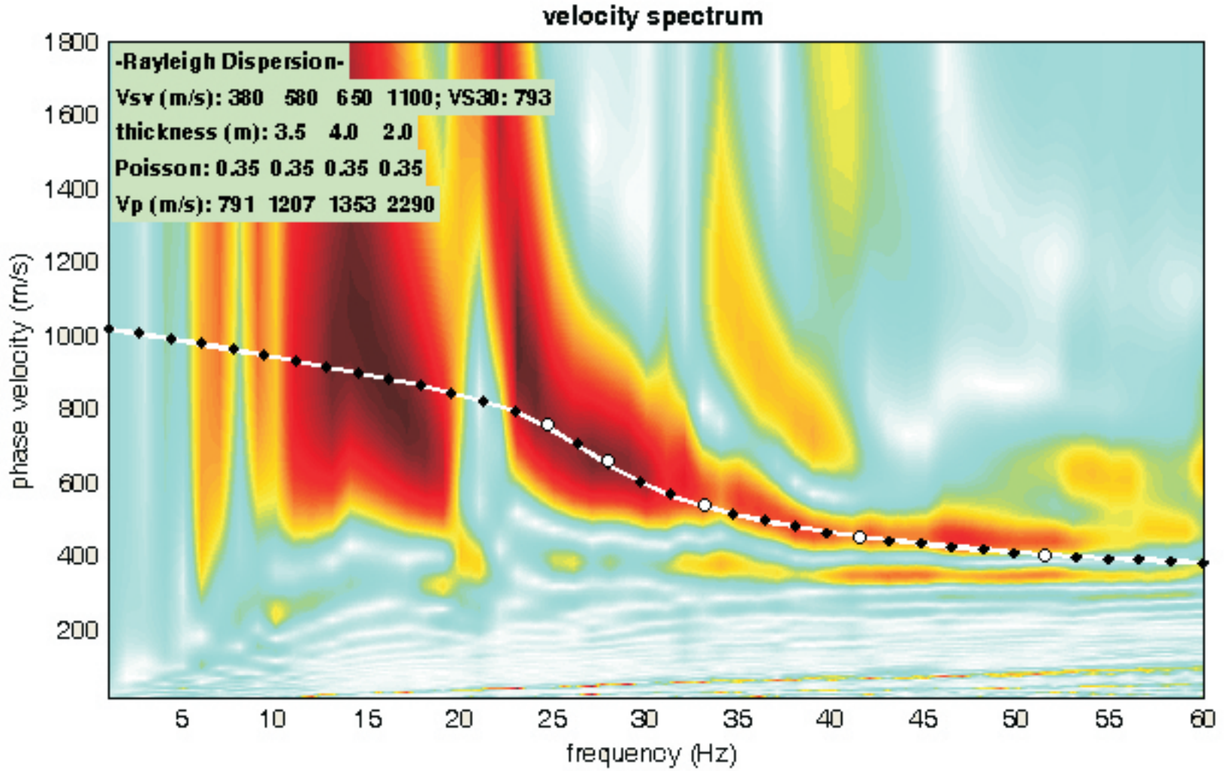
refraction
Professional version

#2: velocity spectrum, modelling & picking (MASW & ReMi analyses)

MASW
calculate spectrum Tau - v

ReMi
Professional version

visualize curves
input curve ?



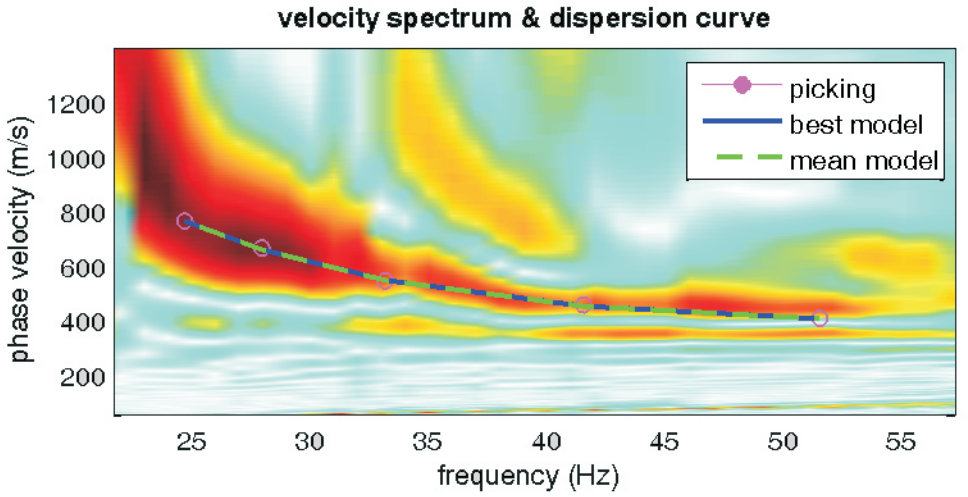
explore spectrum

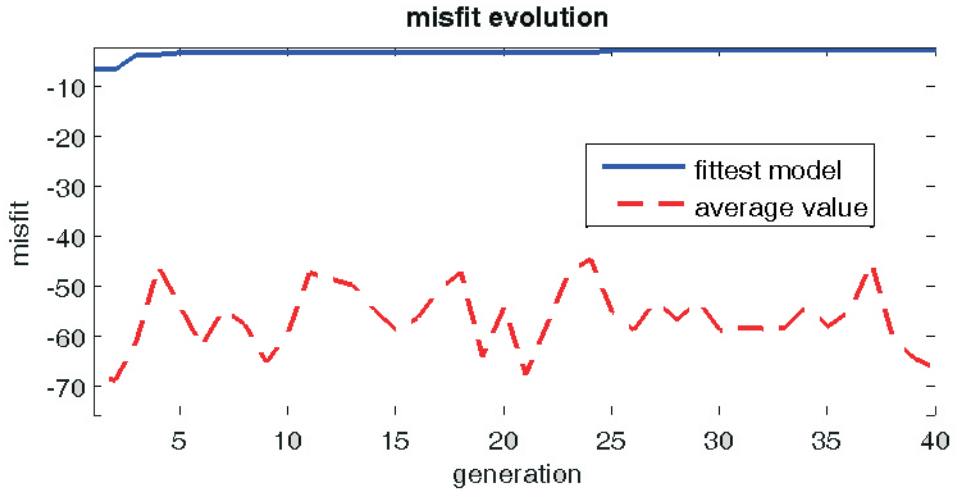
castel san venanzio.cdp

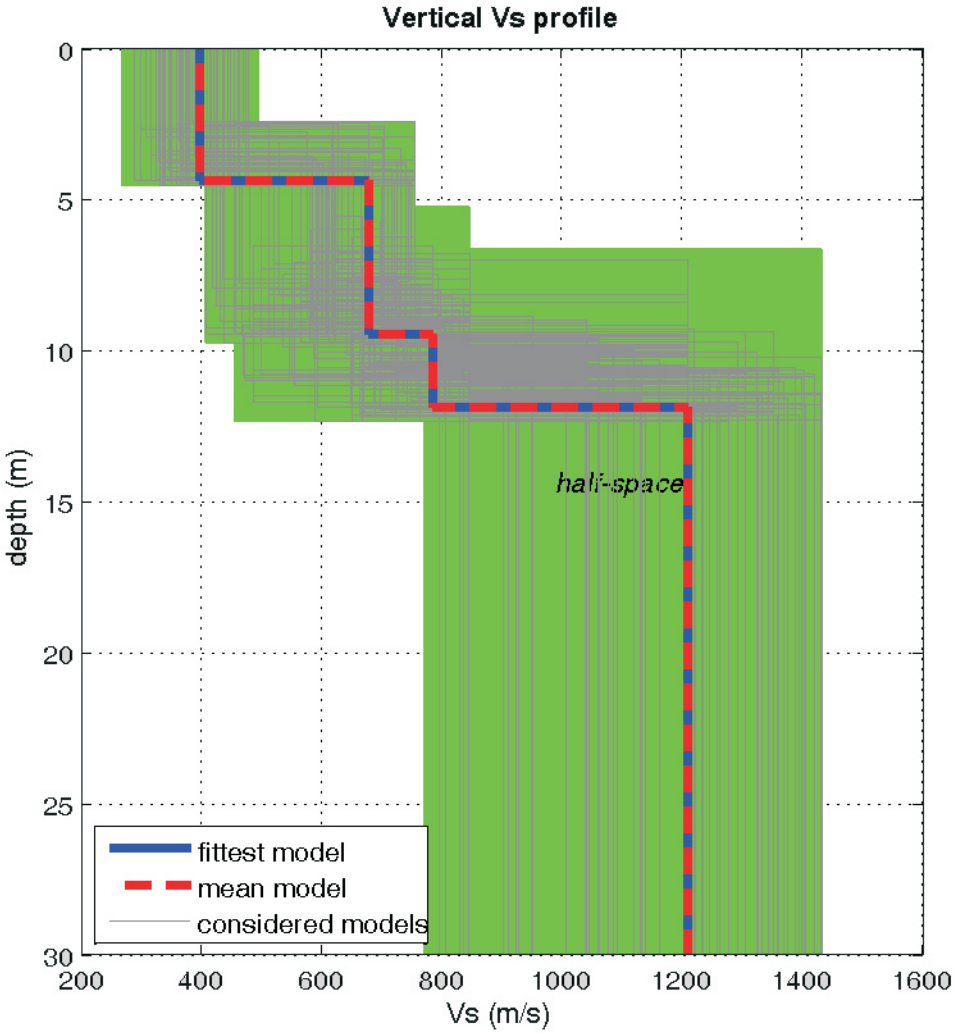
modelling
parameters save model
upload model 3
Love analysis: Professional version
eigen period refresh ?

picking
fundamental ?
use the right button to select the last point of the considered mode
save picking ? cancel picking

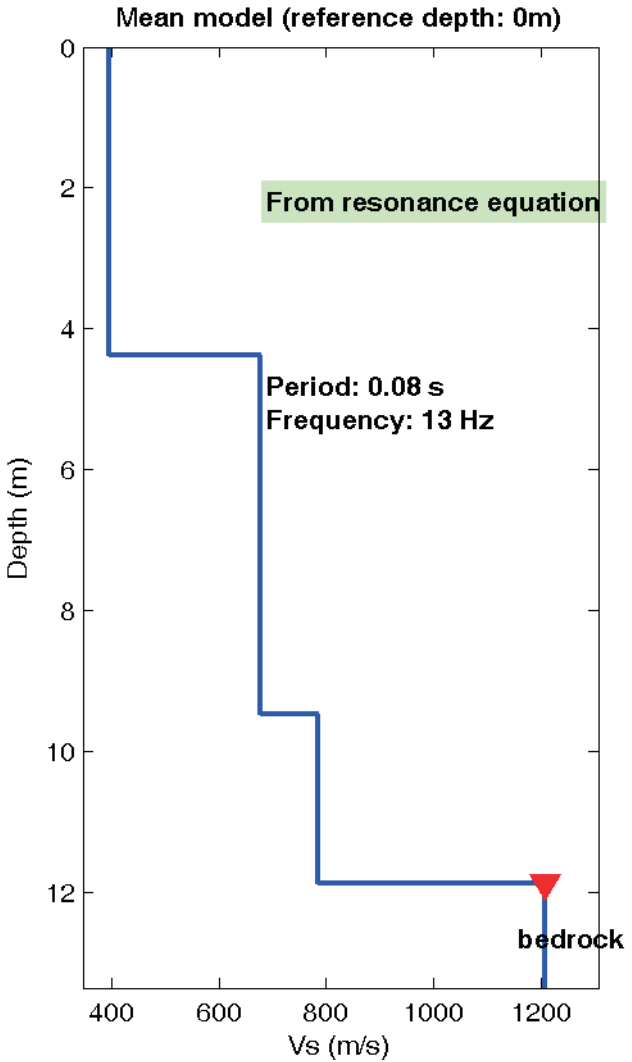
inversion
exit

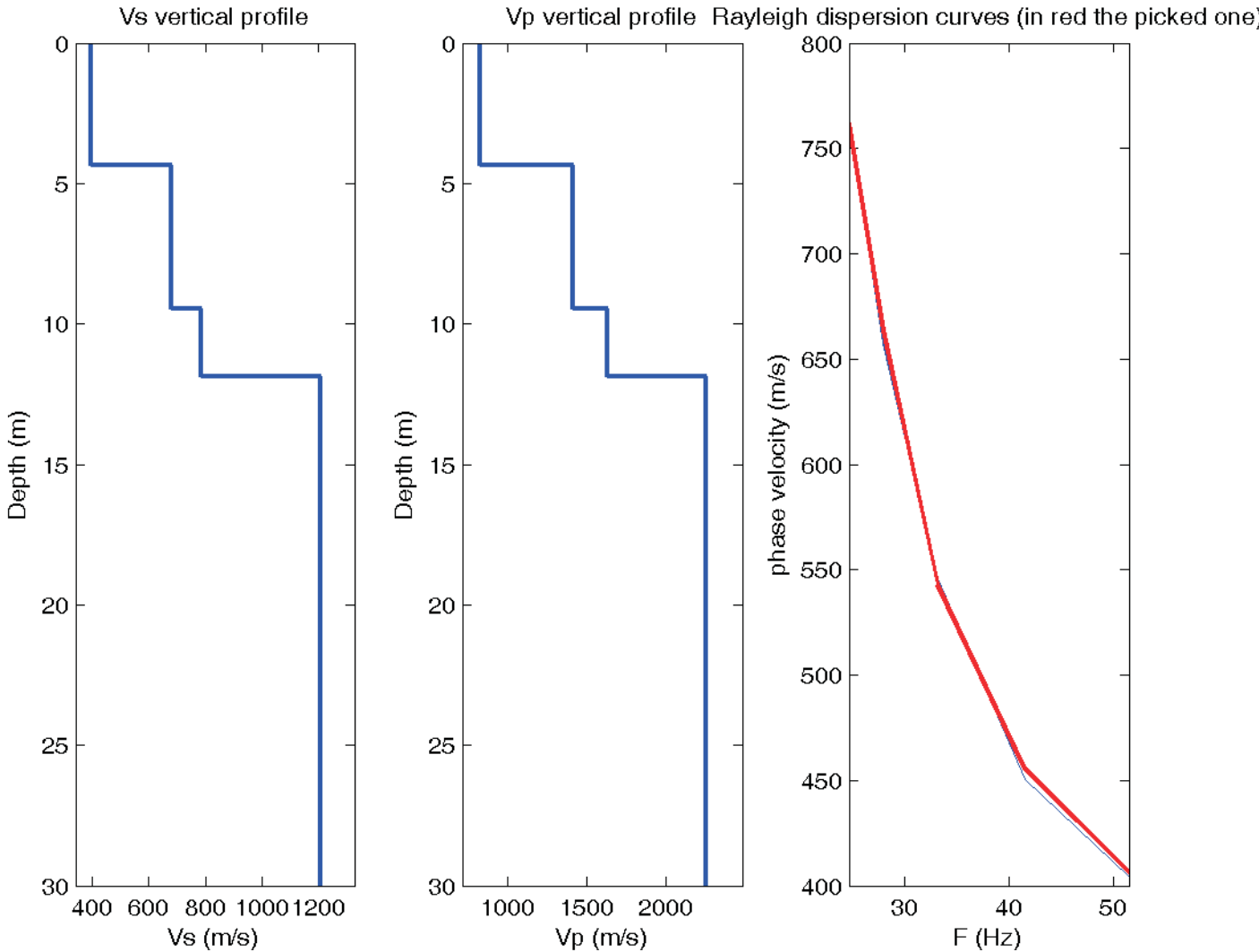


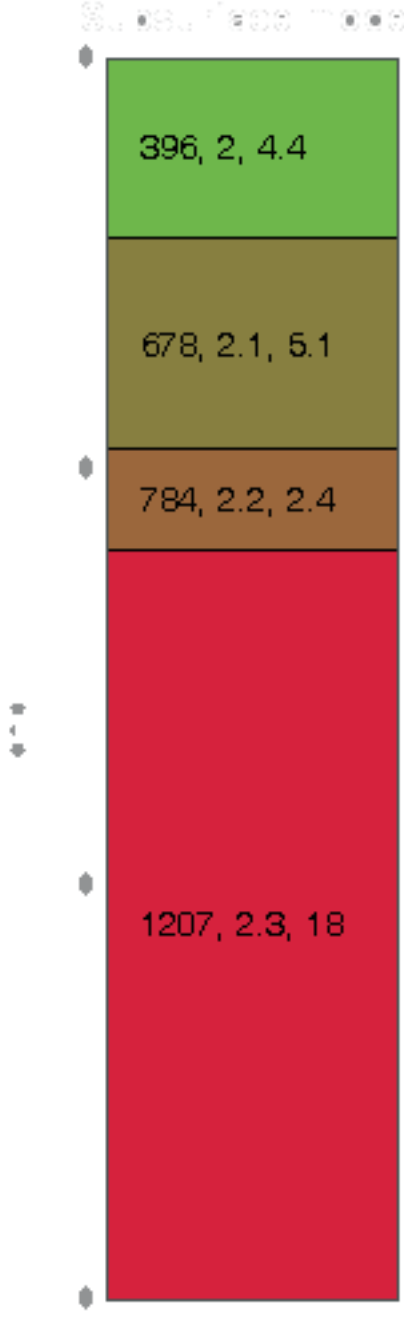




dataset: 2smaswvenanzio.dat
dispersion curve: castel san venanzio.cdp
VS30 (best model): 819 m/s
VS30 (mean model): 819 m/s


Mean model (reference depth: 0m)
From resonance equation
Period: 0.08 s
Frequency: 13 Hz
bedrock
Depth (m)
Vs (m/s)
0
2
4
6
8
10
12
400
600
800
1000
1200


Vs vertical profile
Vp vertical profile
Rayleigh dispersion curves (in red the picked one)
Depth (m)
Vs (m/s)
Vp (m/s)
phase velocity (m/s)
F (Hz)
0
5
10
15
20
25
30
400
600
800
1000
1200
1500
2000
750
700
650
550
500
450
40
50



Vs (m/s)	*density* (gr/cm^3)	*thickness* (m)