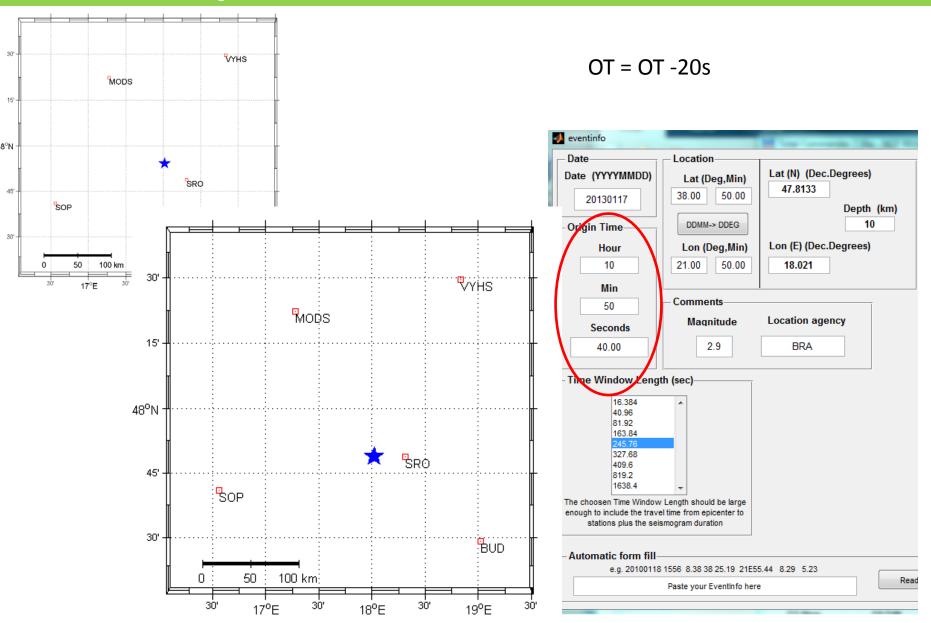
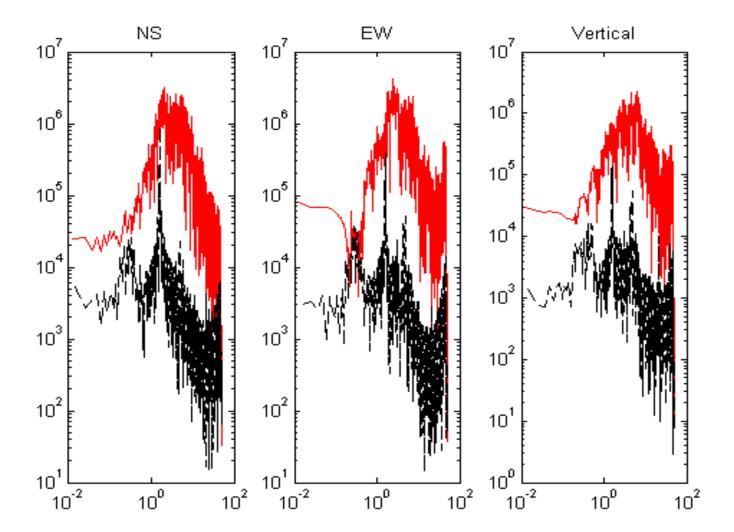
Lucia Fojtikova

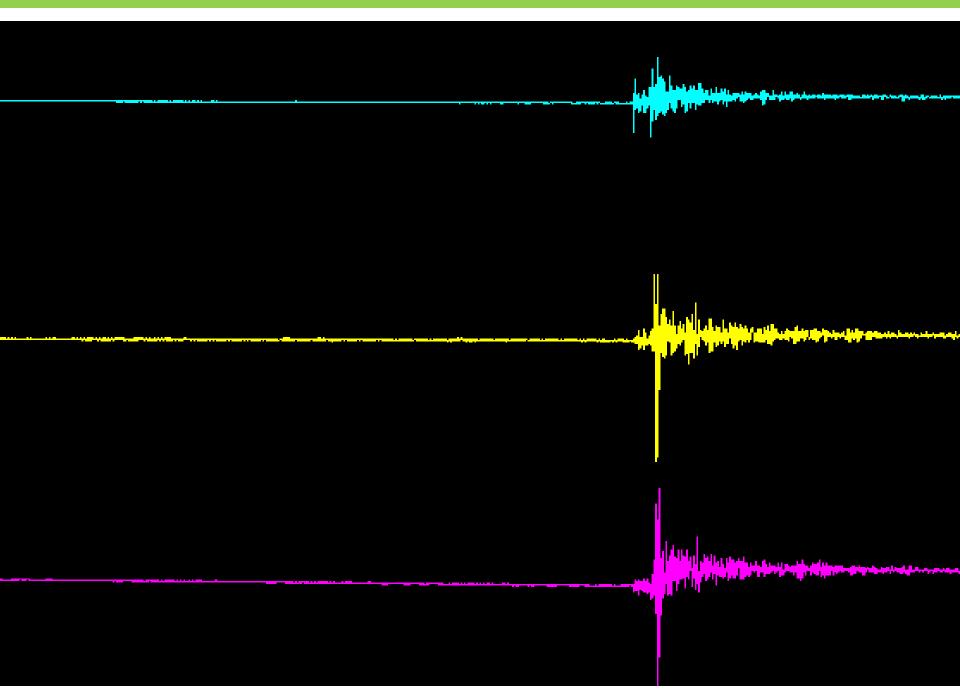
Institute of Rock Structure and Mechanics of the ASCR, v. v. i., Prague, Czech Republic

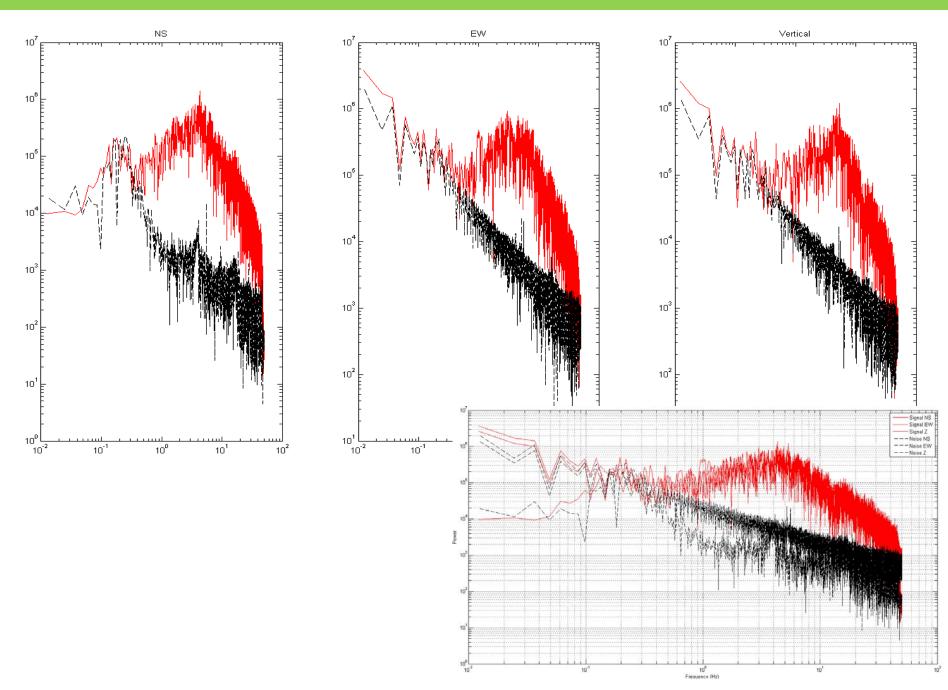
fojtikova@irsm.cas.cz



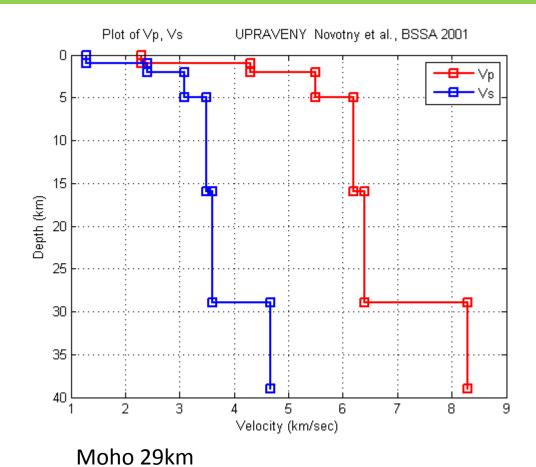
Epicenter shifted to agree with particle motion SRO







Green functions



Starting depth (km)

2

Depth step (km)

2

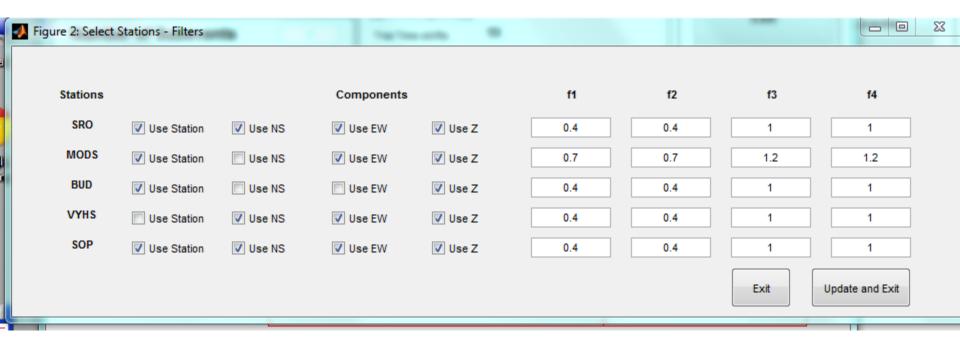
No of Sources (< 99)

7

Calculate Exit

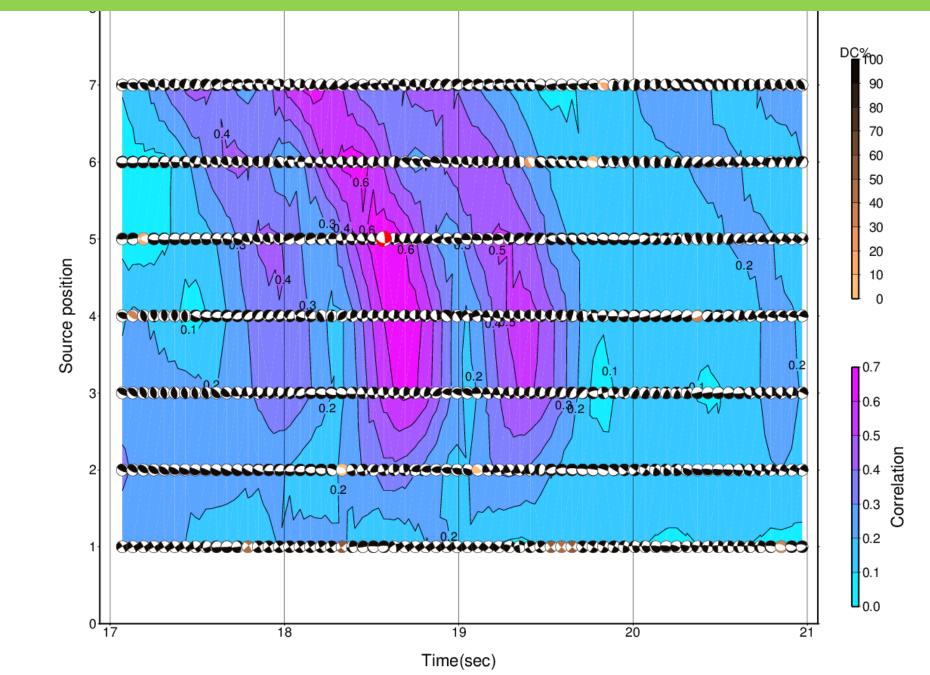
Green functions -> 1.4Hz

Frequencies

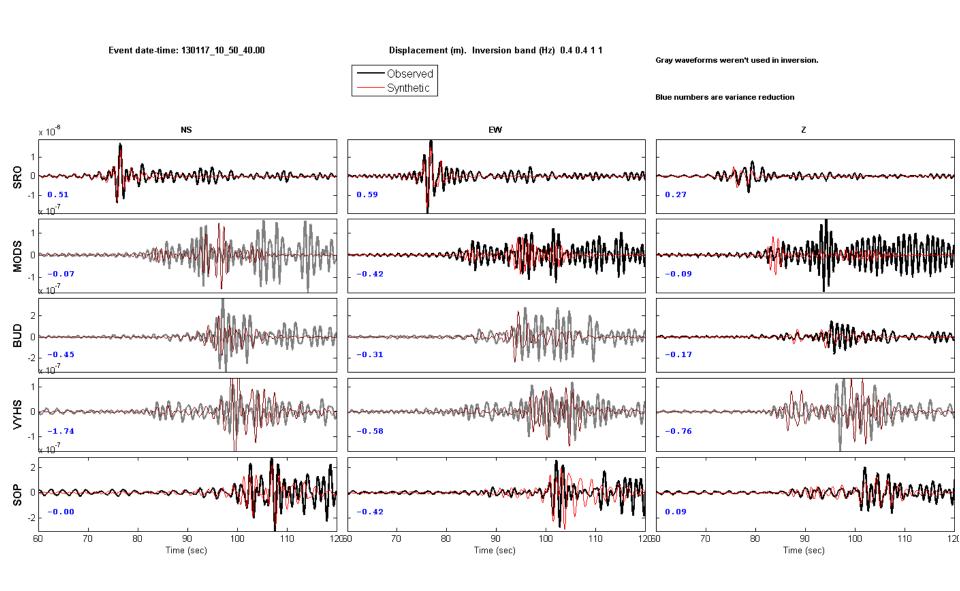


Inversion: DC- constrained!

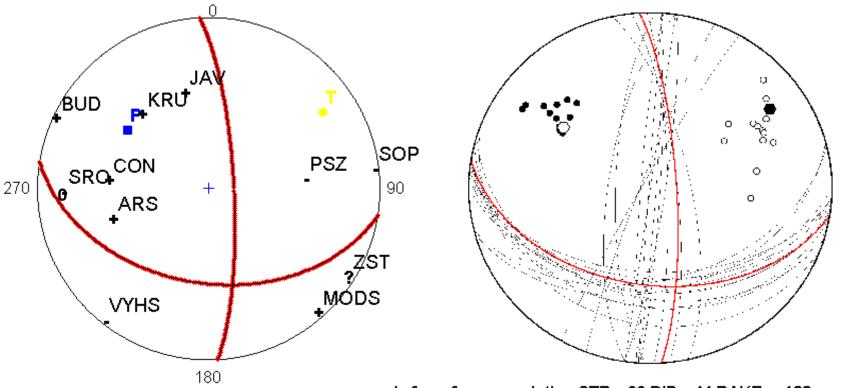
All stations



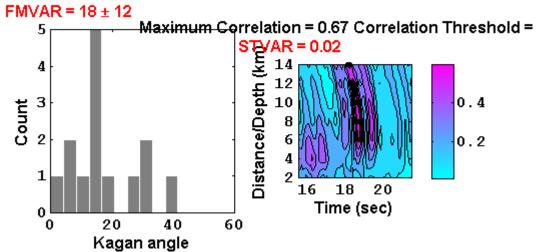
All stations

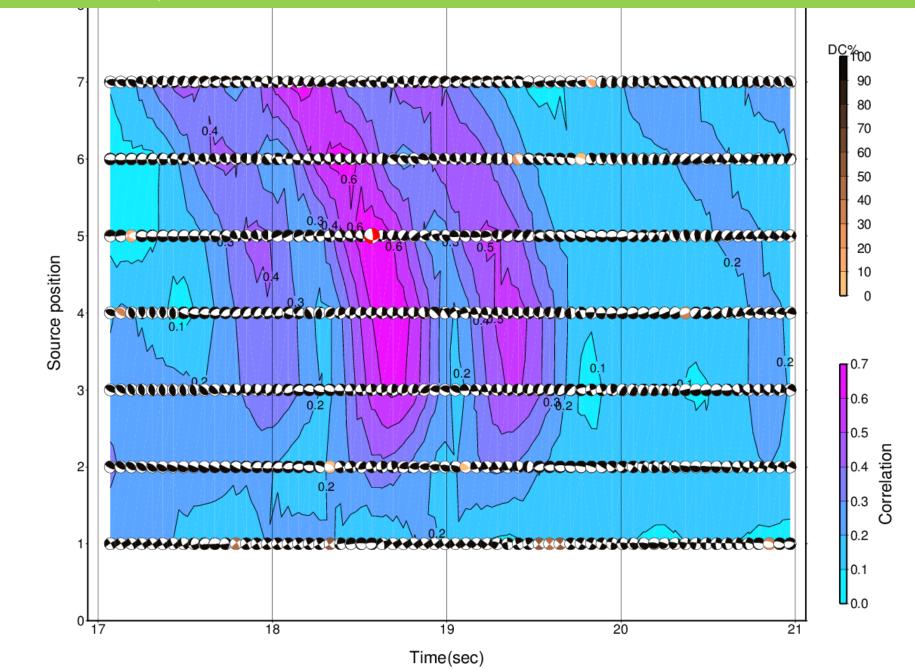


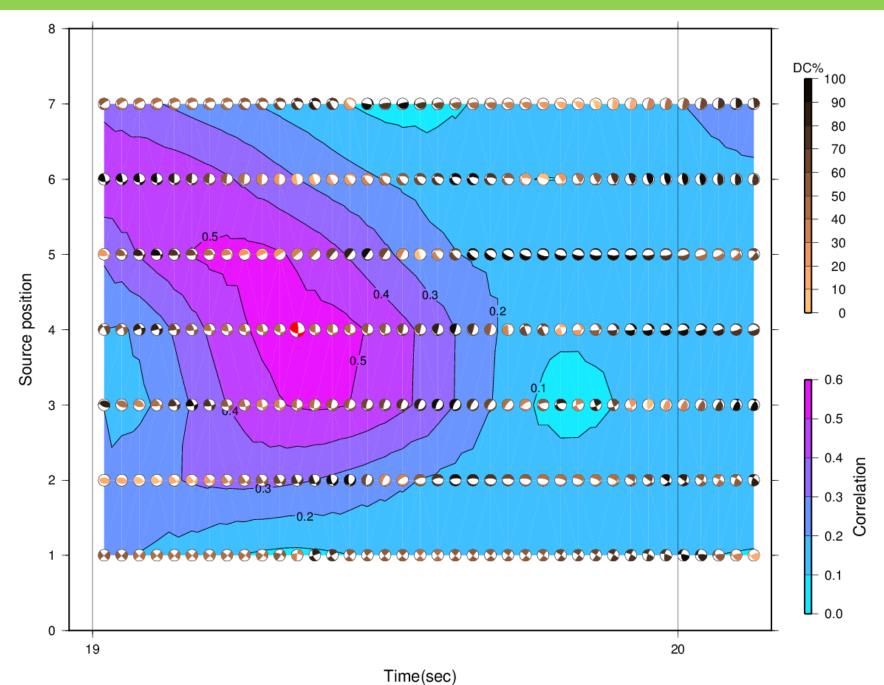
All stations

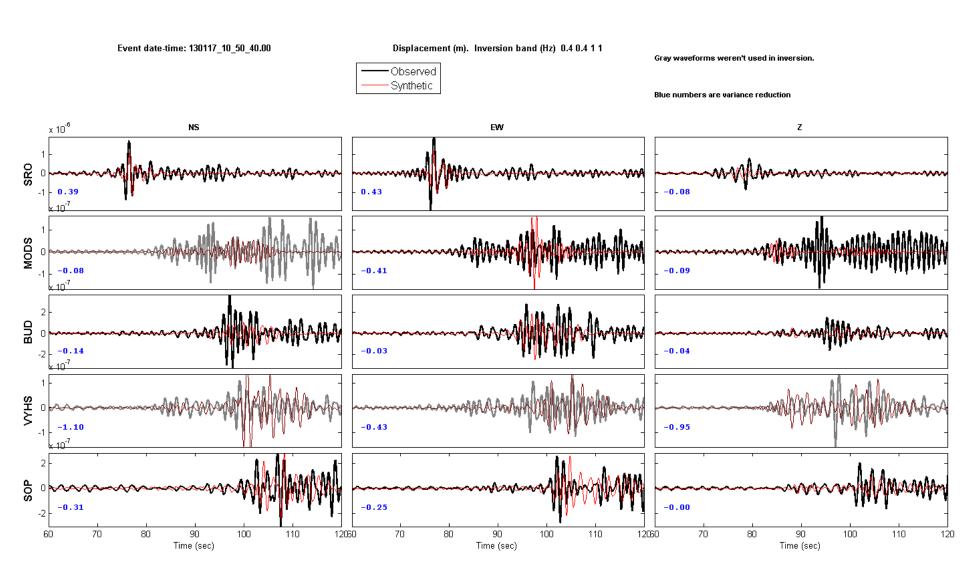


le for reference solution STR = 99 DIP = 44 RAKE = -163 58 STD = 11.82 Median = 14.58 Var = 139.65

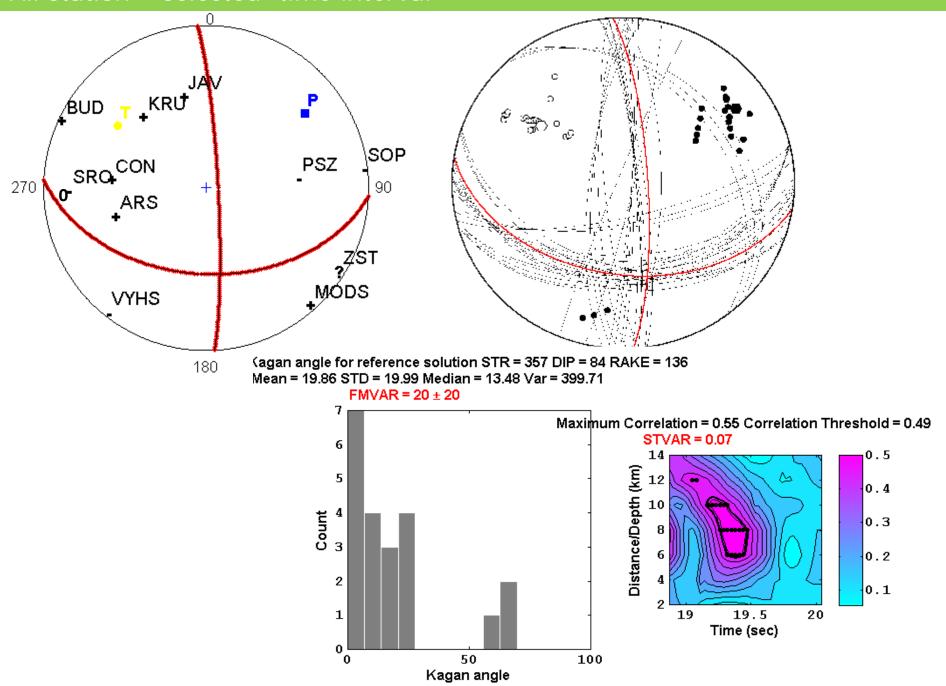




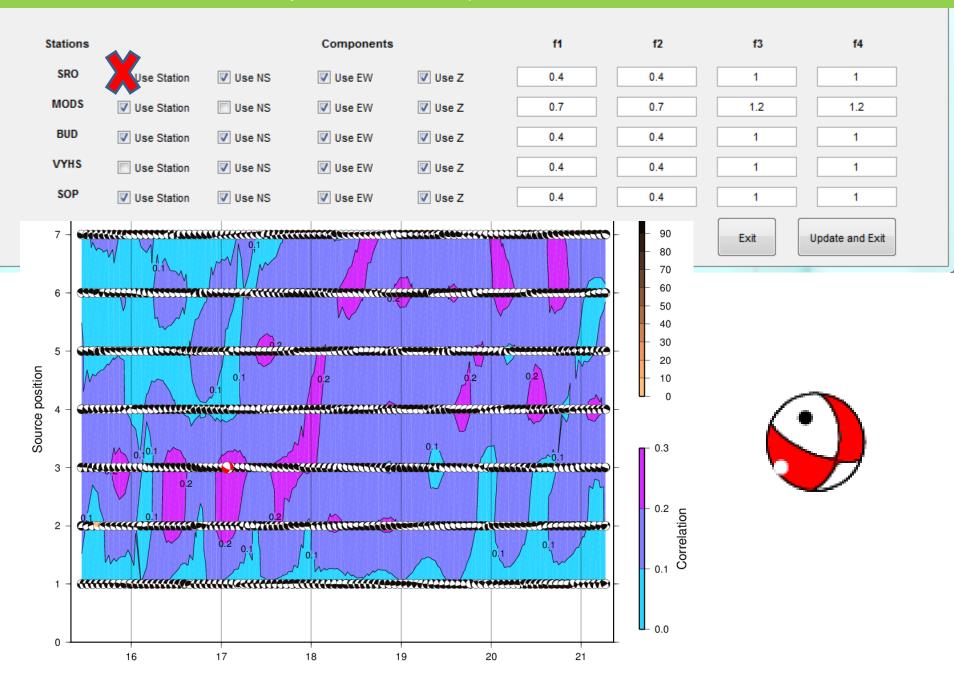




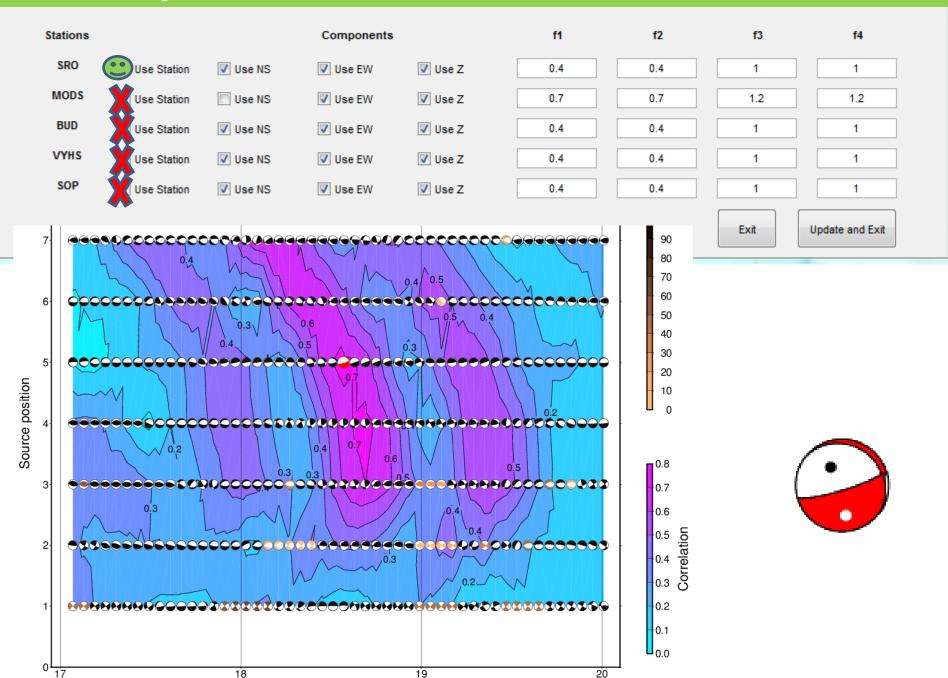
All station – selected time interval



Inversion without SRO (closest station)



Inversion only SRO (closest station)



CONCLUSIONS

- Very poor match of waveforms of real data and synthetics
- A result with agreement with polarities has been found
- The result is not determined only by the closest station
- The location has to be improved