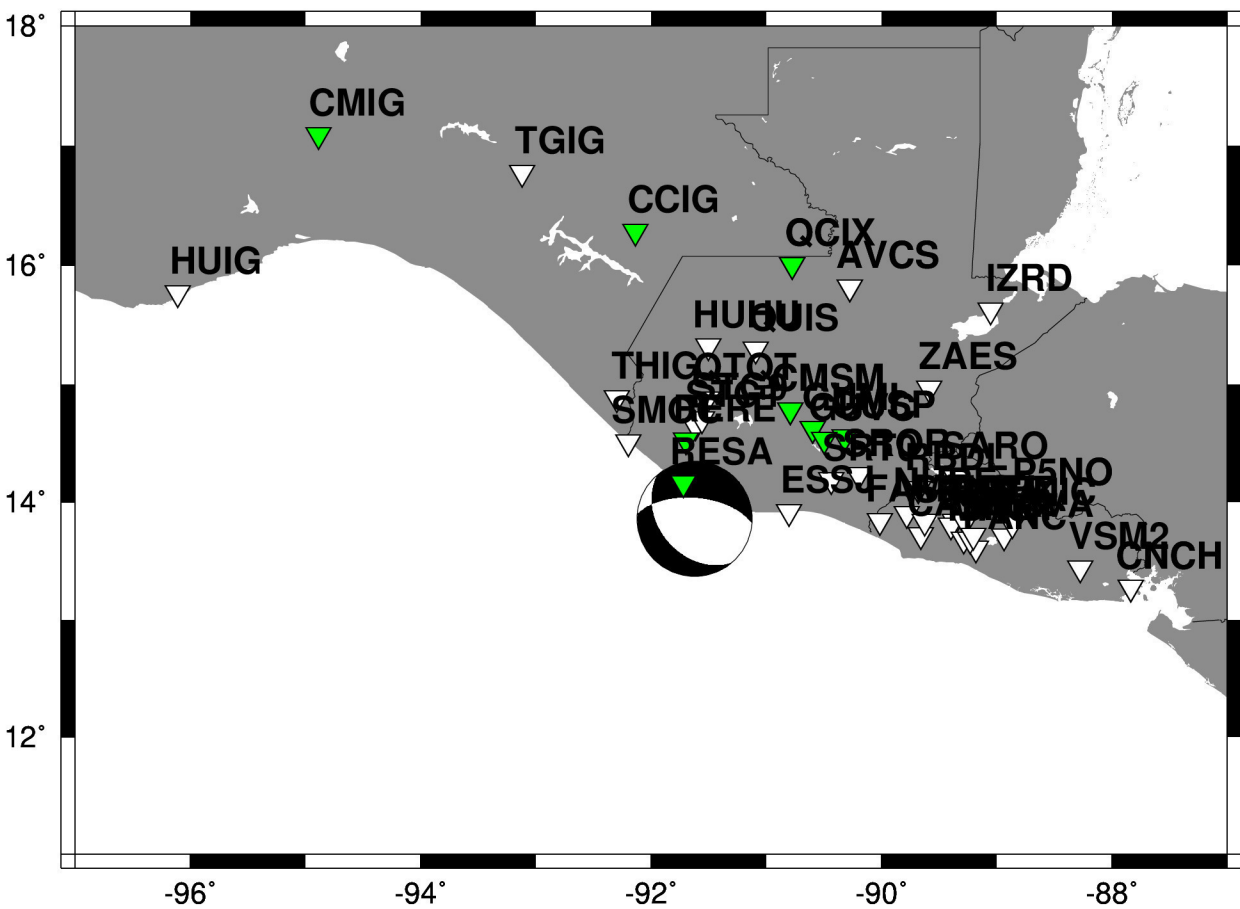
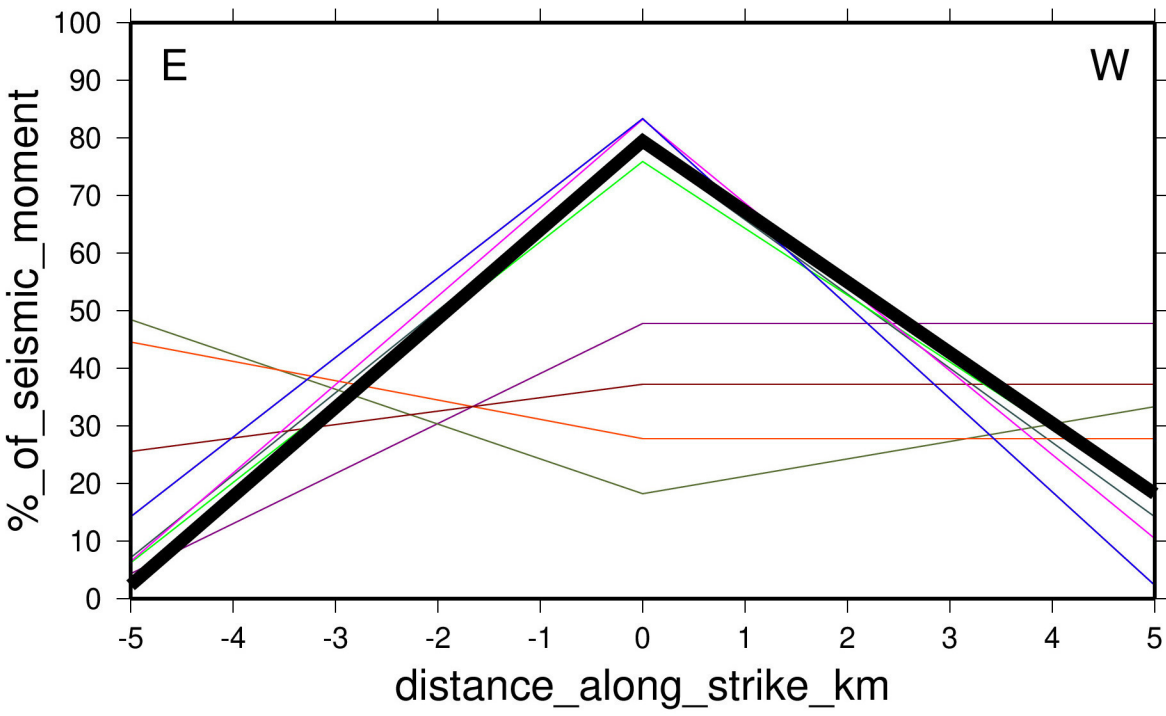




DISTRIBUTION OF SEISMIC MOMENT ALONG STRIKE

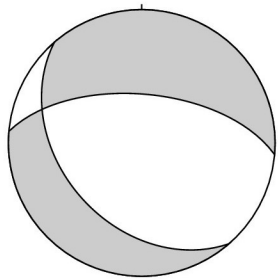


Heavy black line: final model Color lines: alternative models

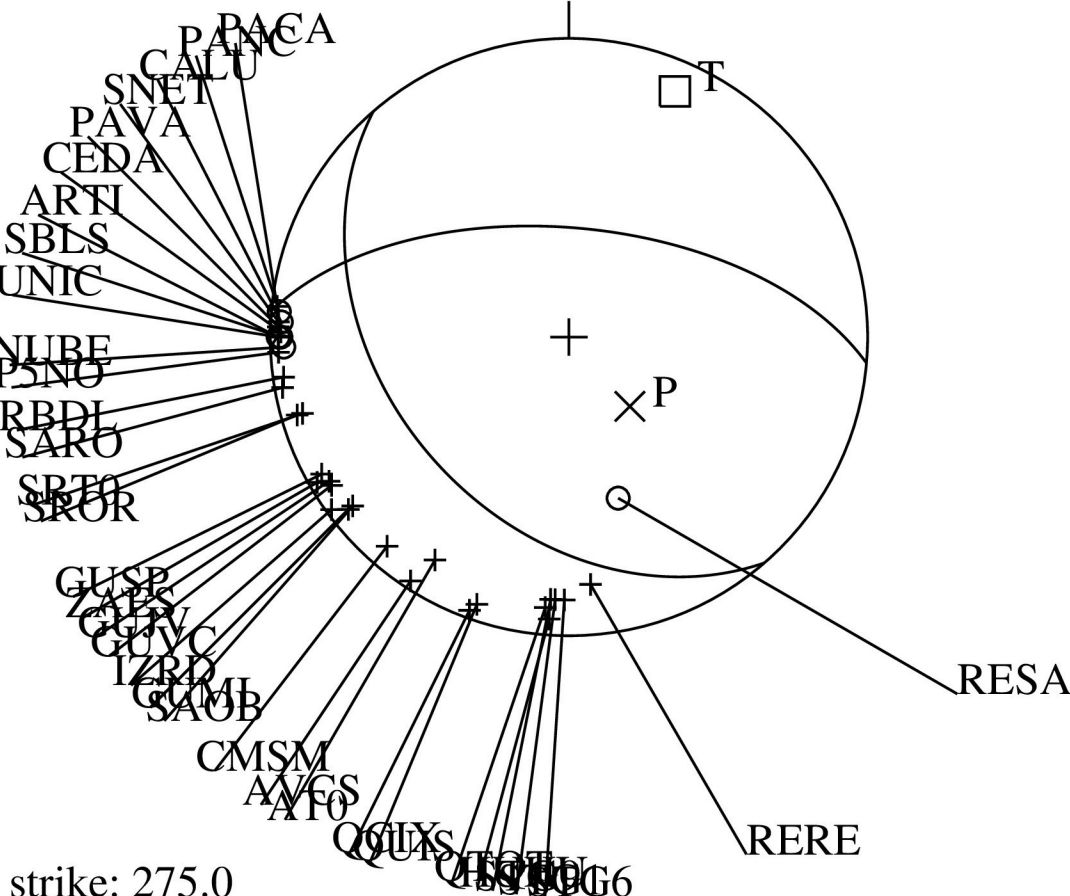
distribution of Mo unconstrained

Frequencies too low to constrain the STF

strike dip rake
275. 60. -116.



Mw = 5.41



strike: 275.0

dip: 60.0

rake: -115.9

strike dip rake
275.0 60.0 -115.9 : best focal mechanism

RMStot = 0.259

RMS_waveforms = 0.518

RMS_polarities = 0.027

time window factor = 100 %

Waveforms USED in the inversion

Polarities USED in the inversion

Selected depth: 44.6 km

61 : num components + polarities
82 % : index of confidence

5.41 : Mw from waveform inversion

Epicenter used (lat,long): 13.860 -91.624
Starting depth(km): 44.6

strike dip rake of the second nodal plane:
139.1 38.8 -52.9

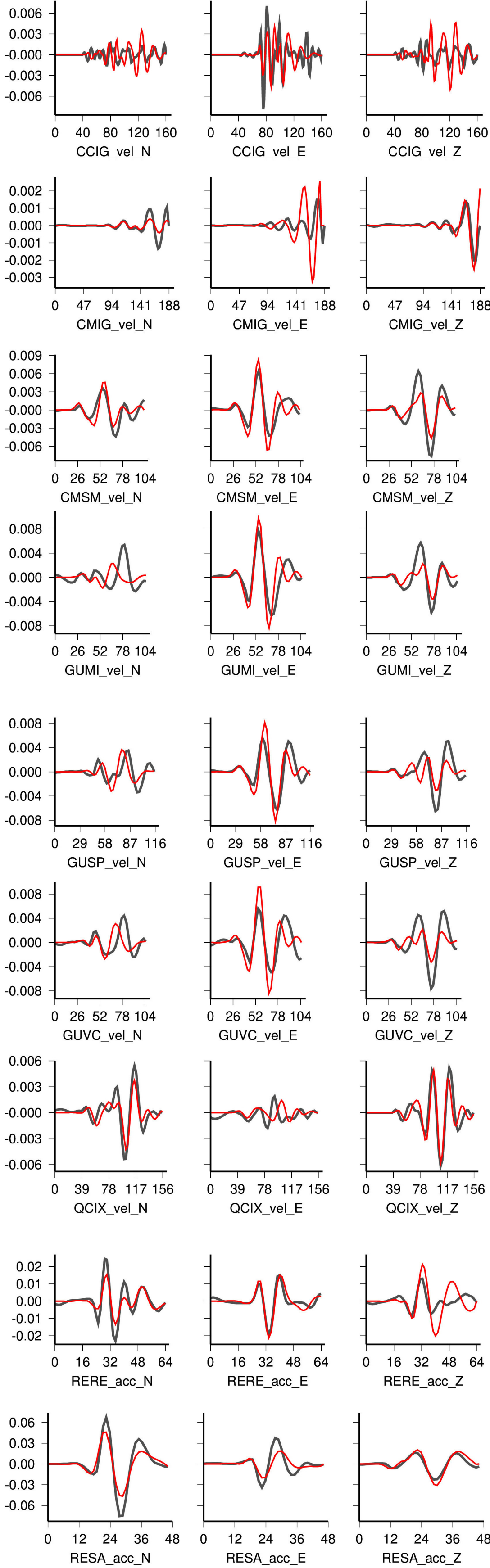
***** quality: A *****

**** Signification of quality ****
A: focal mechanism STRONGLY CONSTRAINED
B: focal mechanism WELL CONSTRAINED
C: focal mechanism MODERATELY CONSTRAINED
D: focal mechanism WEAKLY CONSTRAINED
E: focal mechanism BARELY CONSTRAINED
F: focal mechanism NOT CONSTRAINED

Event directory:
/home/fmnear/FMNEARpol_manual_inversion/20250205070119_A_copia

Date of computation:
jue feb 6 19:40:39 -03 2025

Method used: FMNEARpol MANUAL VERSION



X axis: time in seconds Y axis: displacement in cm
Grey line: observed Red line: computed