Common analysis parameters for all packages:
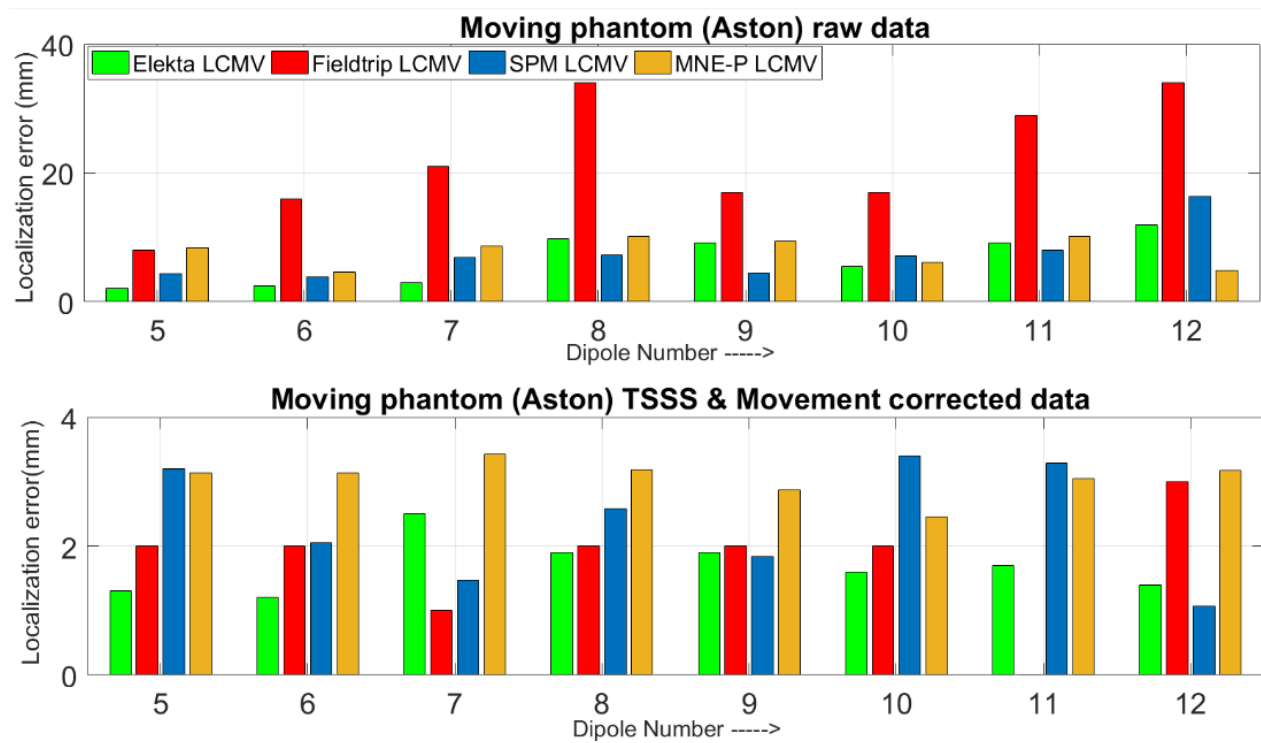
Noise covariance: Unit

Bandpass: 2-95 Hz

Bad channels: '-MEG1133', '-MEG1323'

Source grid resolution = 5mm

Results:

Elekta beamformer script (Front end):

(1) TITLE Amp200_Dip6_IASoff_movement_tsss_mc_ebf
(2) CONSTRUCT EVENTBF ALL
(3) bf-type VECTOR
(4) w-normalized OFF
(5) #Empty line
(6) save-W OFF
(7) SIGNAL/COORD /input_folder/Amp200_Dip6_IASoff_movement_tsss_mc.fif
(8) FILTERING offset NONE
(9) sss-transform OFF
(10) NOISE empty UNIT #Unity Noise
(11) #empty line or [t0 <t0> tn <tn>] or [event <cat> t1 <t1> t2 <t2>]
(12) #Empty line
(13) REGULARISATION mu 0.0 ka 1e-9
(14) GRID /data/beamformer_data/Beamformer_share/phantom/CT/fantomi_1362_01-jne-100423-5.fif PHANTOM
(15) ROI x(mm) 0 80 z(mm) 0 80
(16) MRI-FIFF-PAR downsampling 4
(17) MODEL SPHERE   # Using sphere model
(18) origin x(mm) 0.0 y(mm) 0.0 z(mm) 0.0   # Origin
(19) OUTPUT /output_dir/Amp200_Dip6_IASoff_movement_tsss_mc_ebf
(20) #Empty line
(21) #Empty line
(22) ACTIVE trigger 6 t1 0 t2 0.5
(23) OUTPUT_COV
(24) # Empty line