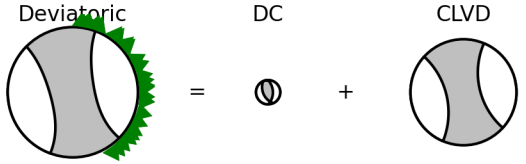
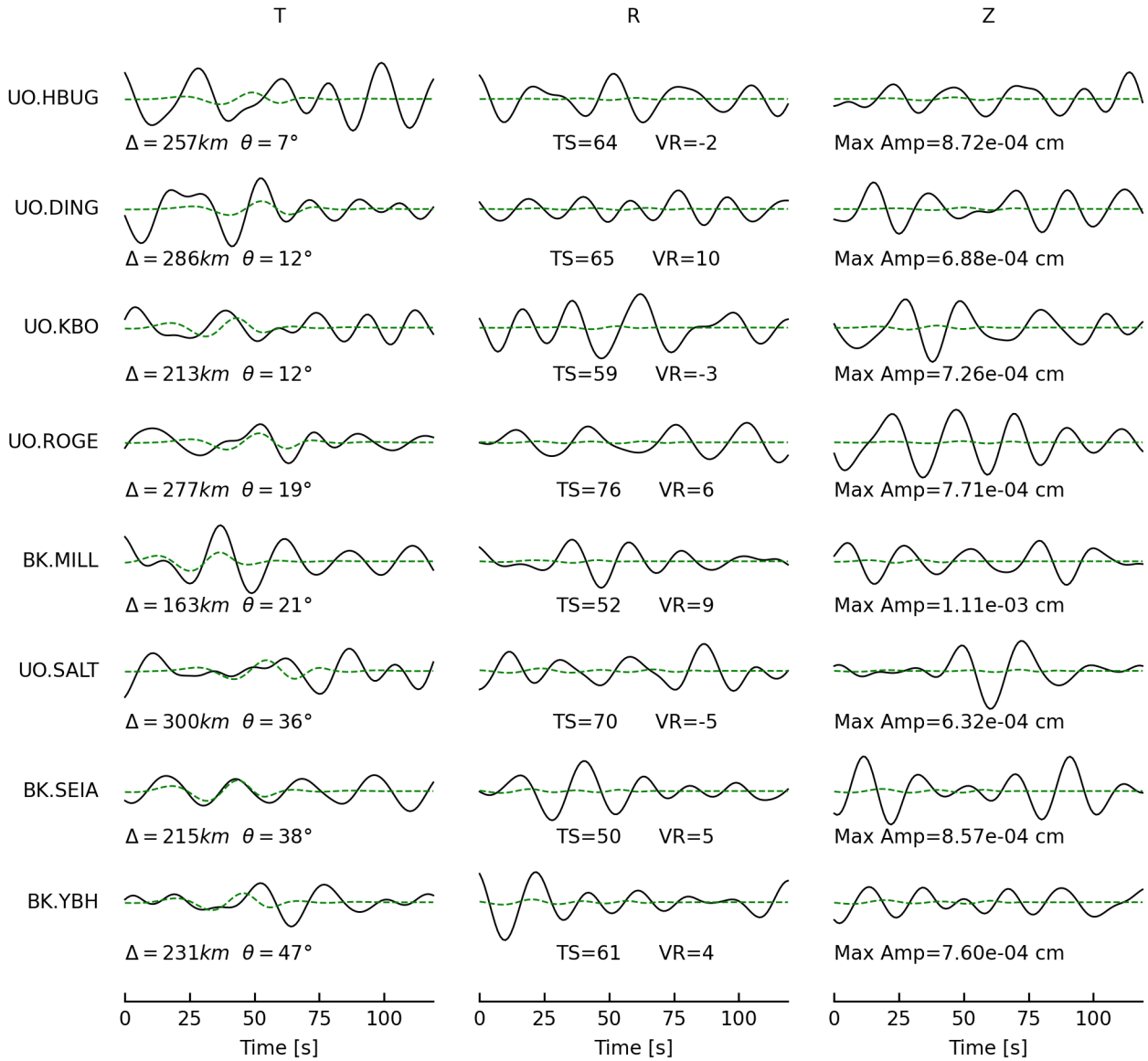
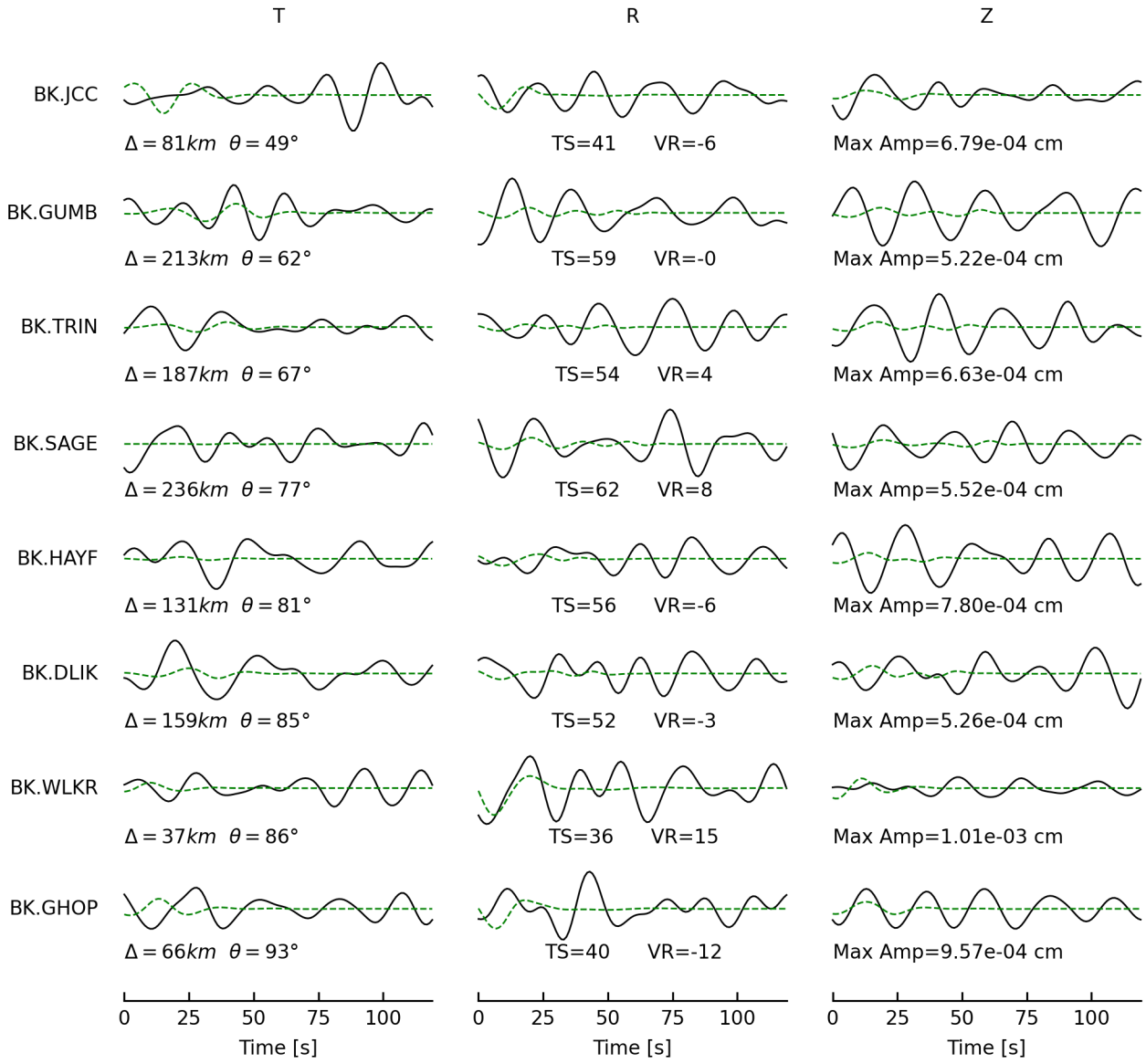
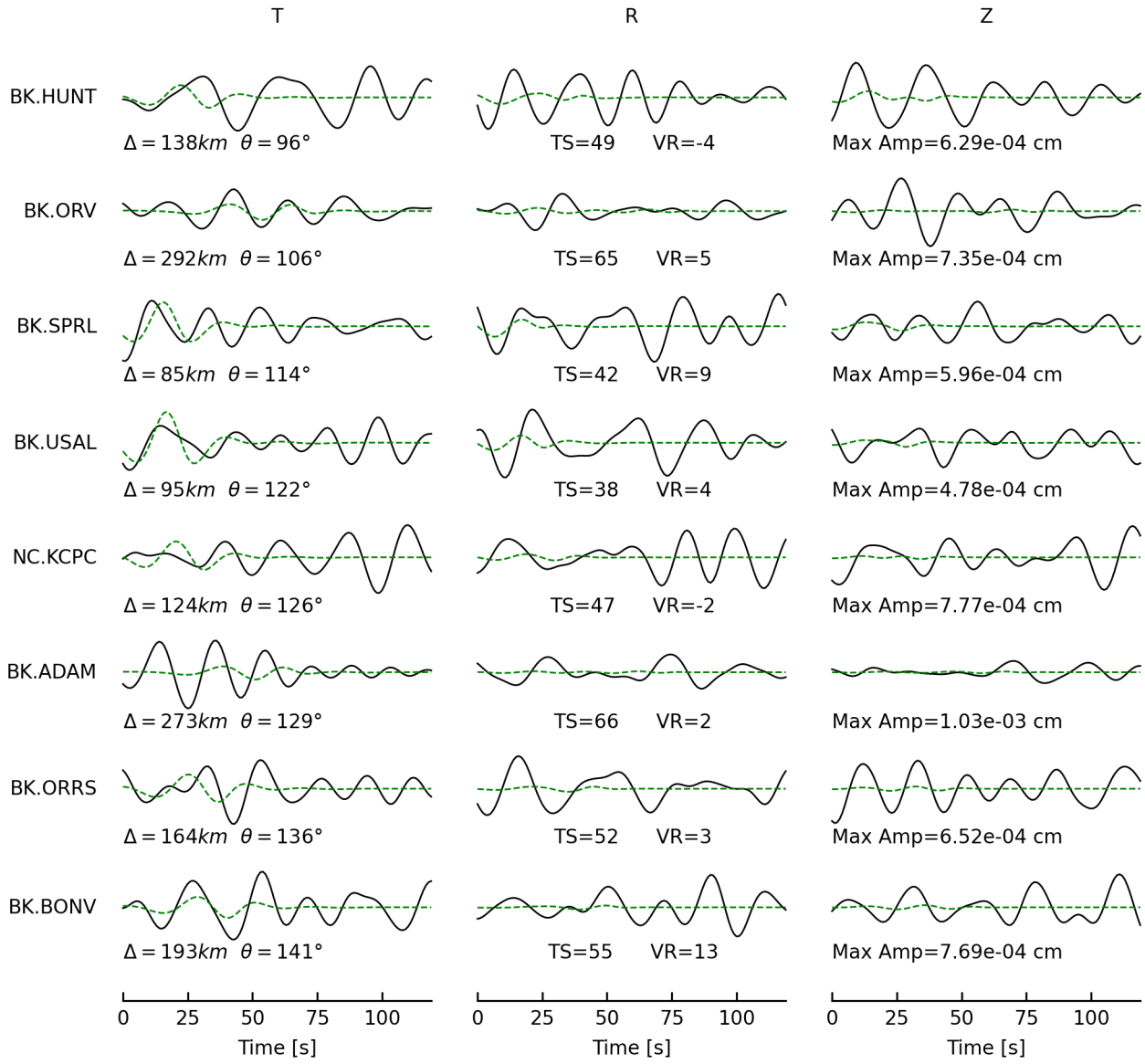
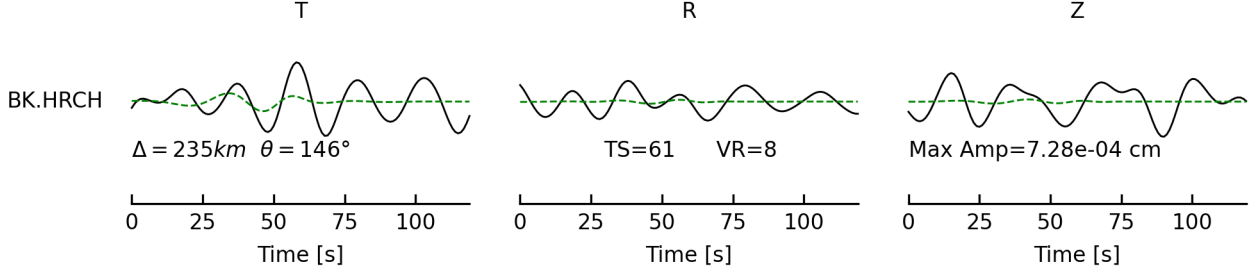
Deviatoric Moment Tensor Inversion
Evid = 75001648
Depth = 20.0 km
Mw = 4.44
M0 = 5.74e+22 dyne-cm
Percent DC/CLVD/ISO = 19/81/0
sdr = (359,47,107) (155,46,73)
npts = 120 vred = 7.692 km/s
VR = 3.00% lune:24,0



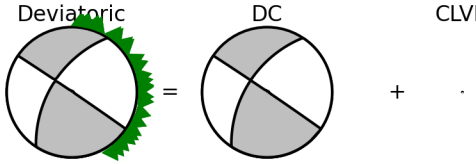


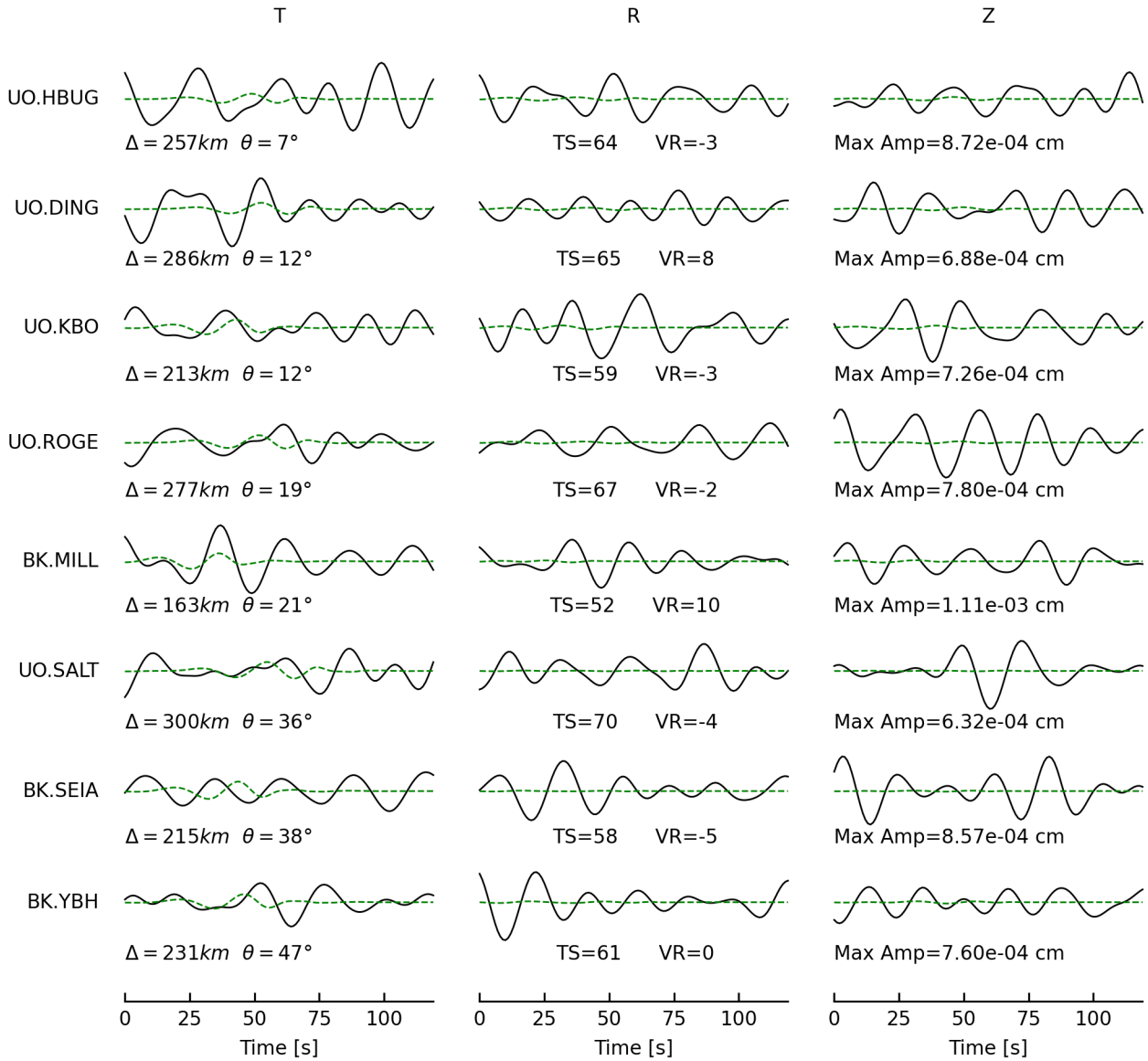

T
R
Z
BK.JCC
Δ = 81km θ = 49°
TS=41 VR=-6
Max Amp=6.79e-04 cm
BK.GUMB
Δ = 213km θ = 62°
TS=59 VR=-0
Max Amp=5.22e-04 cm
BK.TRIN
Δ = 187km θ = 67°
TS=54 VR=4
Max Amp=6.63e-04 cm
BK.SAGE
Δ = 236km θ = 77°
TS=62 VR=8
Max Amp=5.52e-04 cm
BK.HAYF
Δ = 131km θ = 81°
TS=56 VR=-6
Max Amp=7.80e-04 cm
BK.DLIK
Δ = 159km θ = 85°
TS=52 VR=-3
Max Amp=5.26e-04 cm
BK.WLKR
Δ = 37km θ = 86°
TS=36 VR=15
Max Amp=1.01e-03 cm
BK.GHOP
Δ = 66km θ = 93°
TS=40 VR=-12
Max Amp=9.57e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

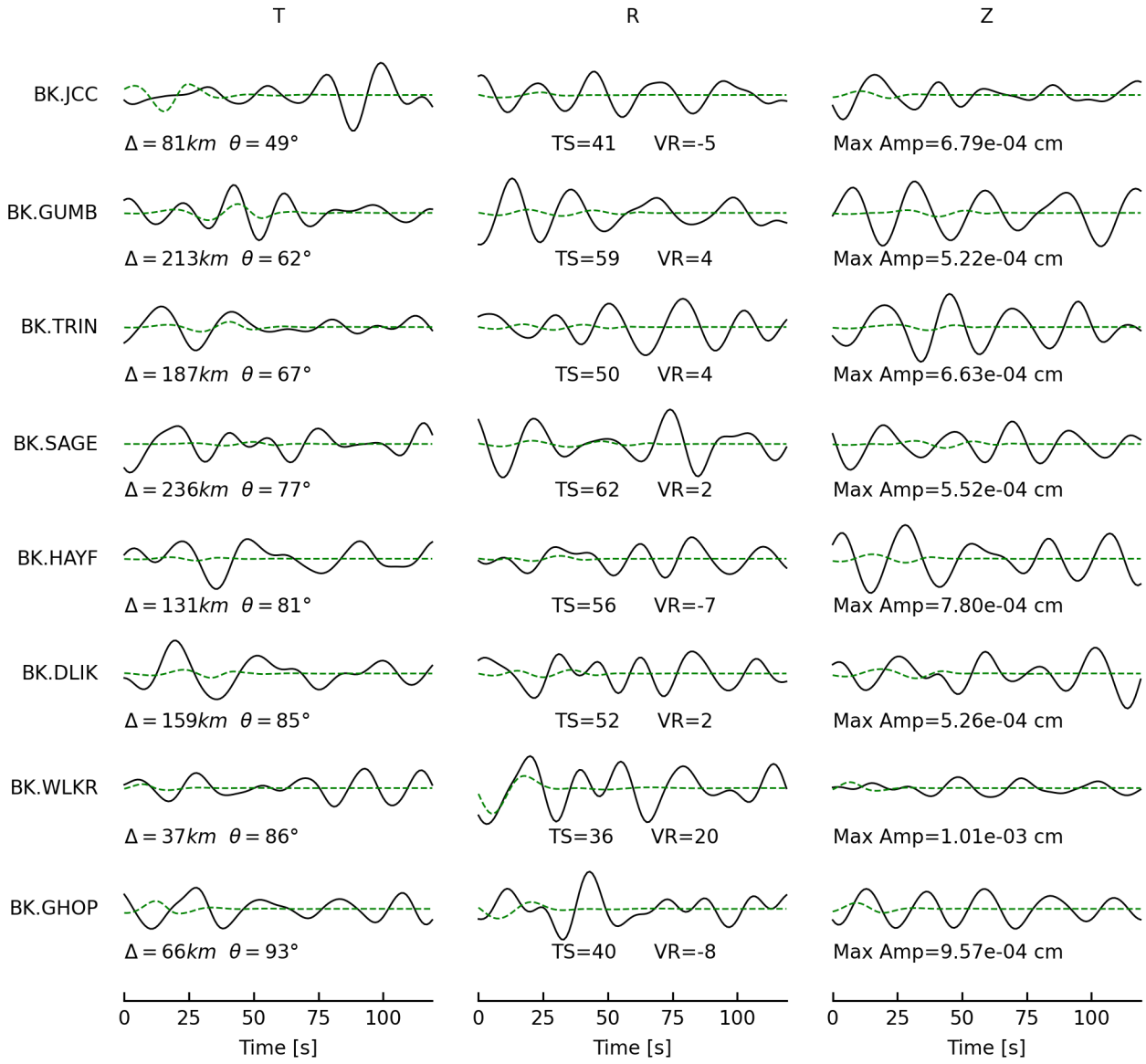

T
R
Z
BK.HUNT
Δ = 138km θ = 96°
TS=49 VR=-4
Max Amp=6.29e-04 cm
BK.ORV
Δ = 292km θ = 106°
TS=65 VR=5
Max Amp=7.35e-04 cm
BK.SPRL
Δ = 85km θ = 114°
TS=42 VR=9
Max Amp=5.96e-04 cm
BK.USAL
Δ = 95km θ = 122°
TS=38 VR=4
Max Amp=4.78e-04 cm
NC.KCPC
Δ = 124km θ = 126°
TS=47 VR=-2
Max Amp=7.77e-04 cm
BK.ADAM
Δ = 273km θ = 129°
TS=66 VR=2
Max Amp=1.03e-03 cm
BK.ORRS
Δ = 164km θ = 136°
TS=52 VR=3
Max Amp=6.52e-04 cm
BK.BONV
Δ = 193km θ = 141°
TS=55 VR=13
Max Amp=7.69e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

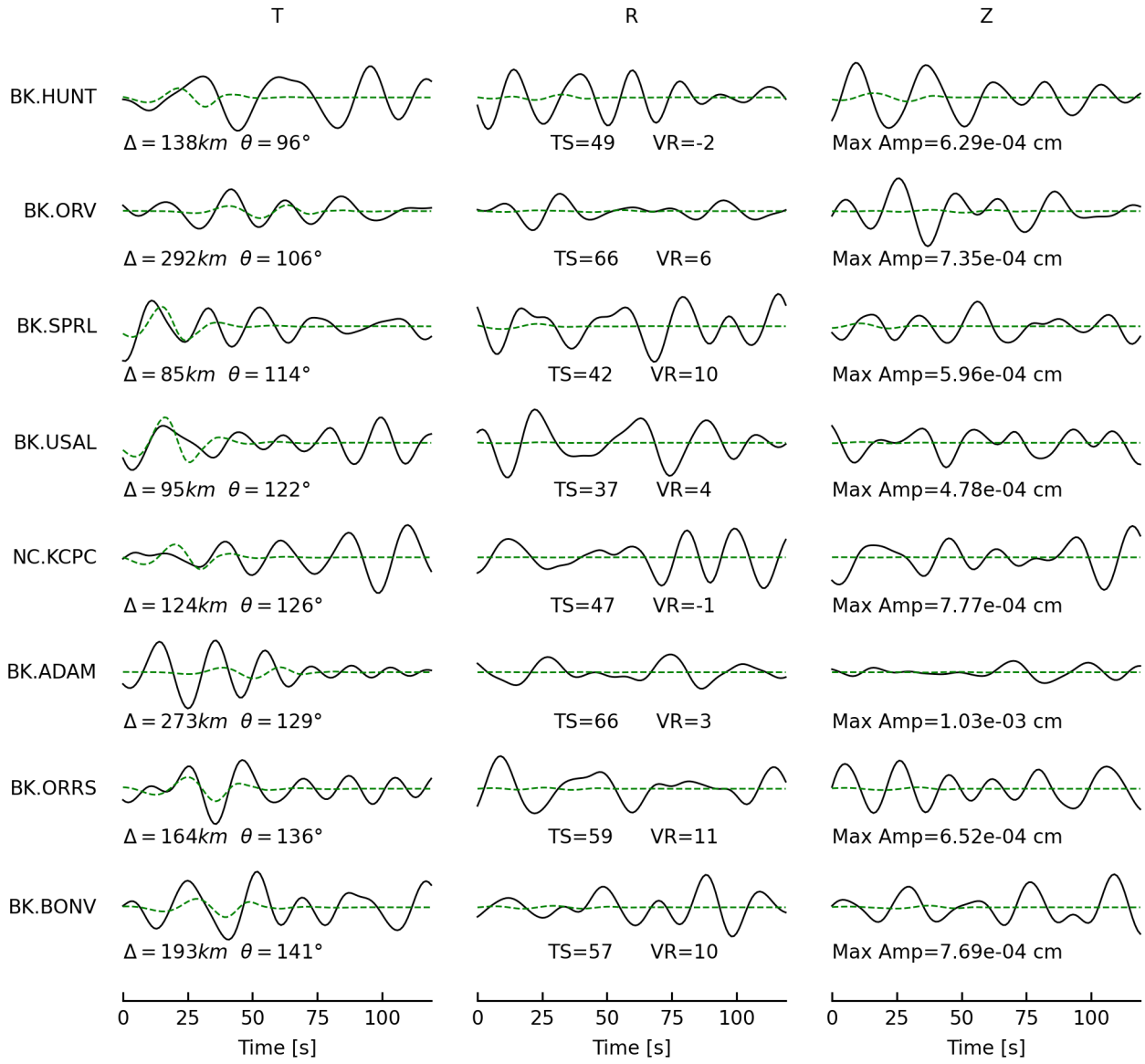

T
R
Z
BK.HRCH
Δ = 235km θ = 146°
TS=61 VR=8
Max Amp=7.28e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

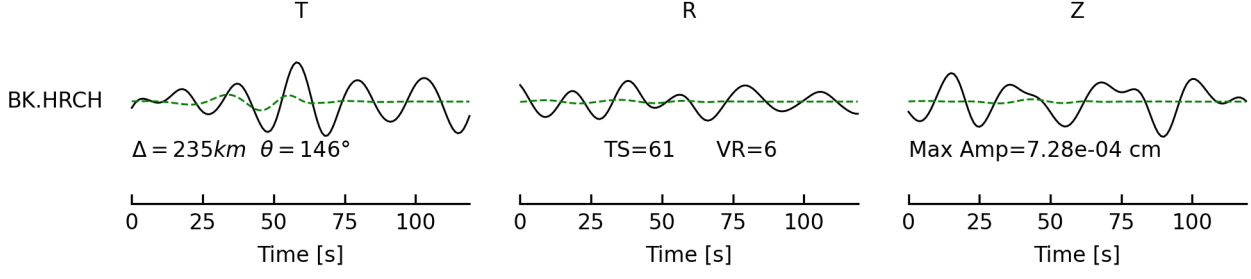
Deviatoric Moment Tensor Inversion
Evid = 75001648
Depth = 5.0 km
Mw = 4.27
M0 = 3.15e+22 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (213,55,179) (304,89,35)
npts = 120 vred = 7.692 km/s
VR = 1.87% lune:0,0



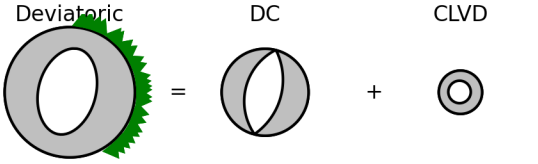


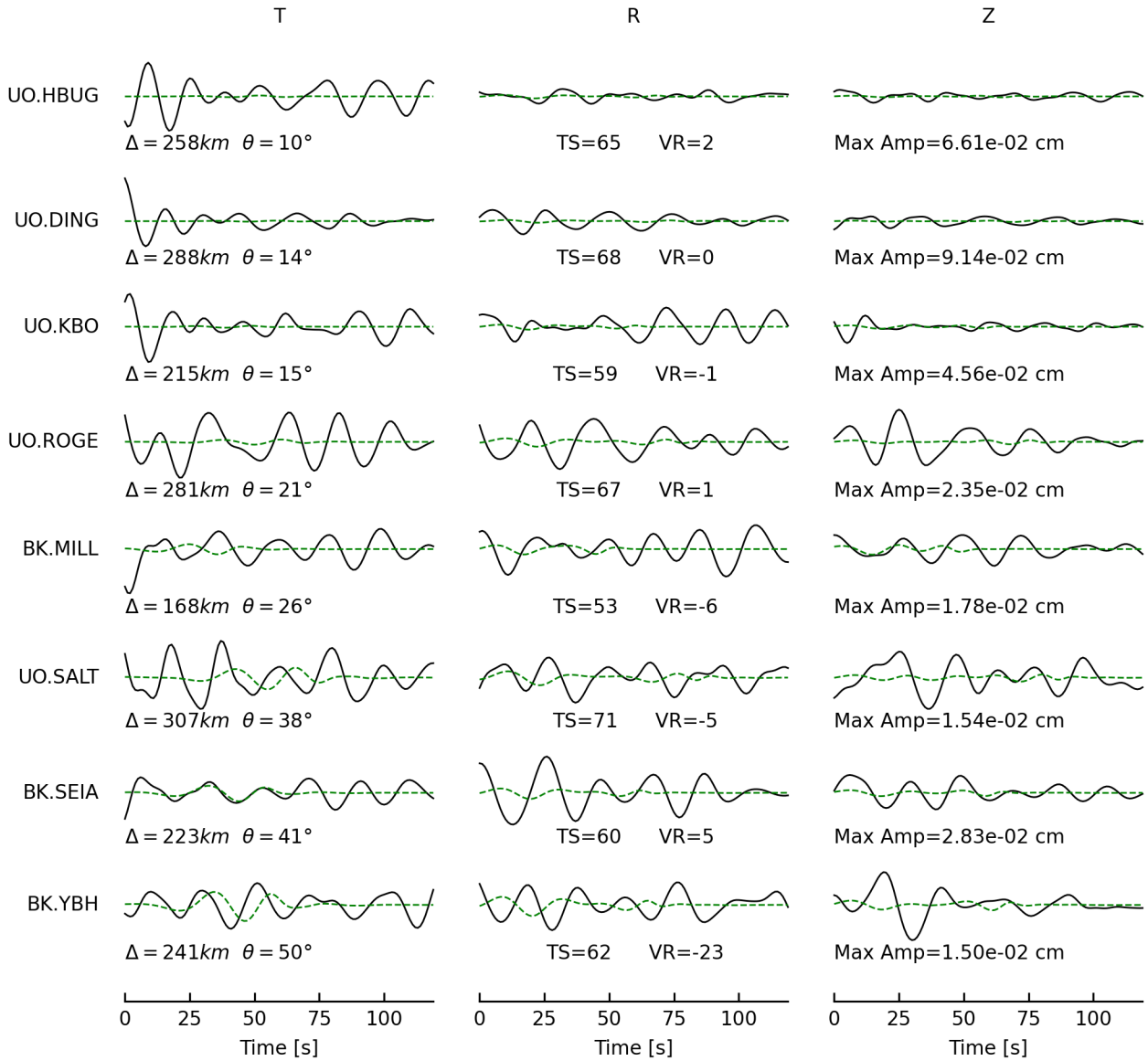

T
R
Z
BK.JCC
Δ = 81km θ = 49°
TS=41 VR=-5
Max Amp=6.79e-04 cm
BK.GUMB
Δ = 213km θ = 62°
TS=59 VR=4
Max Amp=5.22e-04 cm
BK.TRIN
Δ = 187km θ = 67°
TS=50 VR=4
Max Amp=6.63e-04 cm
BK.SAGE
Δ = 236km θ = 77°
TS=62 VR=2
Max Amp=5.52e-04 cm
BK.HAYF
Δ = 131km θ = 81°
TS=56 VR=-7
Max Amp=7.80e-04 cm
BK.DLIK
Δ = 159km θ = 85°
TS=52 VR=2
Max Amp=5.26e-04 cm
BK.WLKR
Δ = 37km θ = 86°
TS=36 VR=20
Max Amp=1.01e-03 cm
BK.GHOP
Δ = 66km θ = 93°
TS=40 VR=-8
Max Amp=9.57e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

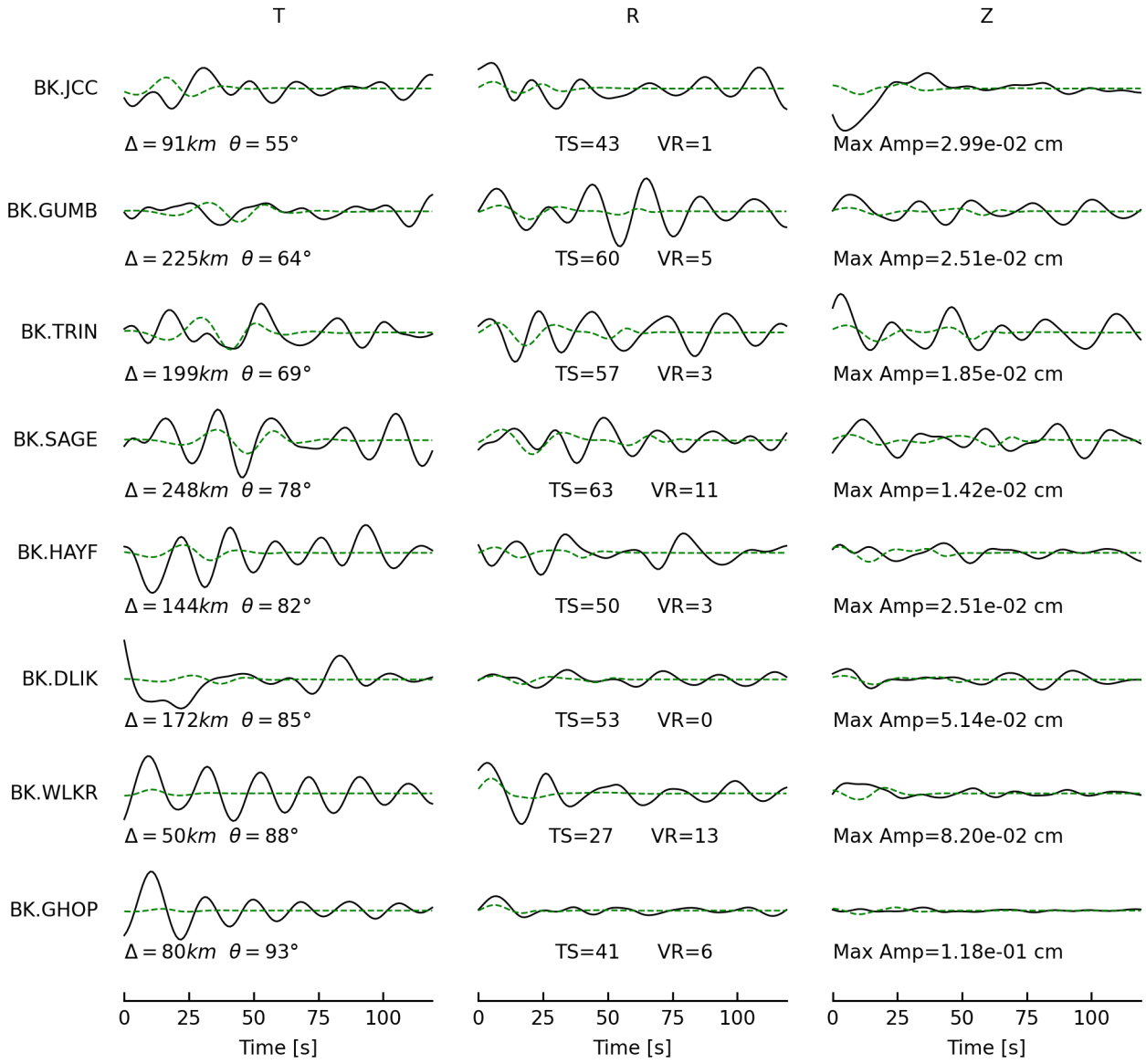

T
R
Z
BK.HUNT
Δ = 138km θ = 96°
TS=49 VR=-2
Max Amp=6.29e-04 cm
BK.ORV
Δ = 292km θ = 106°
TS=66 VR=6
Max Amp=7.35e-04 cm
BK.SPRL
Δ = 85km θ = 114°
TS=42 VR=10
Max Amp=5.96e-04 cm
BK.USAL
Δ = 95km θ = 122°
TS=37 VR=4
Max Amp=4.78e-04 cm
NC.KCPC
Δ = 124km θ = 126°
TS=47 VR=-1
Max Amp=7.77e-04 cm
BK.ADAM
Δ = 273km θ = 129°
TS=66 VR=3
Max Amp=1.03e-03 cm
BK.ORRS
Δ = 164km θ = 136°
TS=59 VR=11
Max Amp=6.52e-04 cm
BK.BONV
Δ = 193km θ = 141°
TS=57 VR=10
Max Amp=7.69e-04 cm
0 25 50 75 100
Time [s]

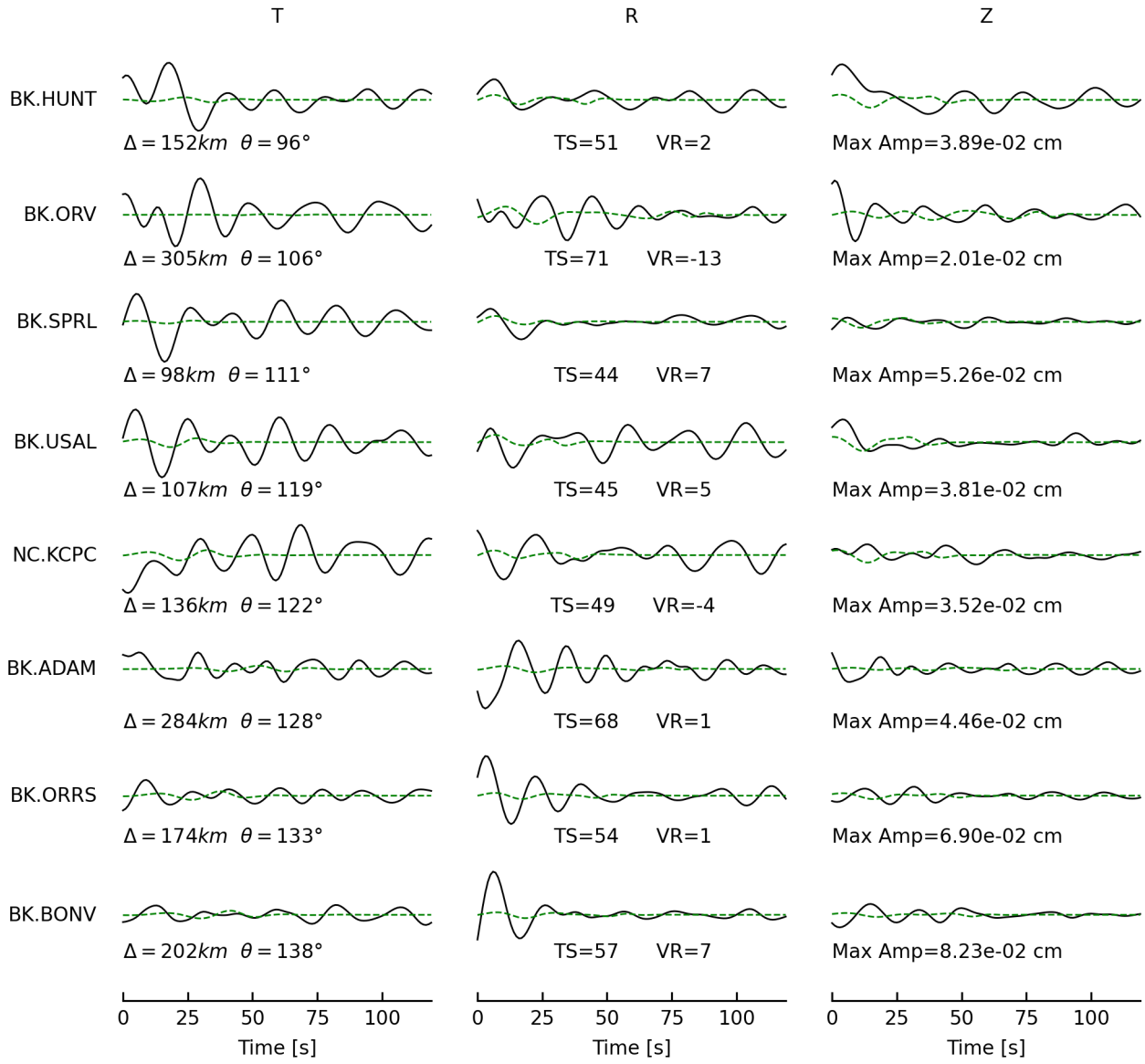

T
R
Z
BK.HRCH
Δ = 235km θ = 146°
TS=61 VR=6
Max Amp=7.28e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

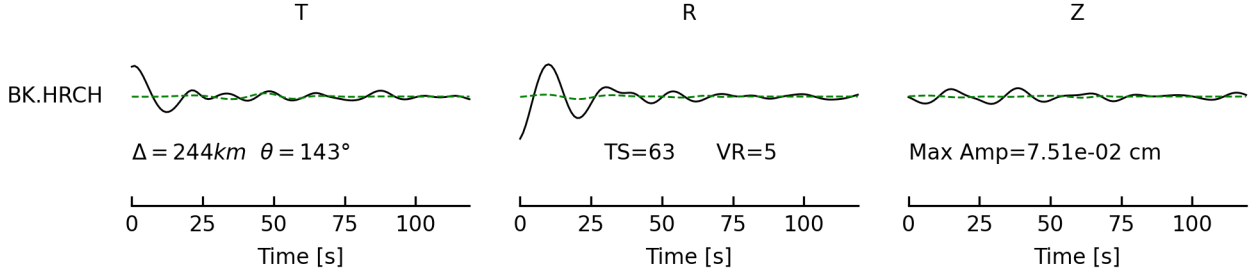
Deviatoric Moment Tensor Inversion
Evid = 75001903
Depth = 11.0 km
Mw = 5.59
M0 = 2.99e+24 dyne-cm
Percent DC/CLVD/ISO = 67/33/0
sdr = (15,49,-90) (194,41,-90)
npts = 120 vred = 7.692 km/s
VR = 2.29% lune:9,0



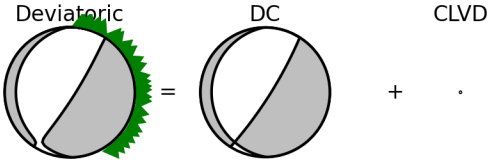


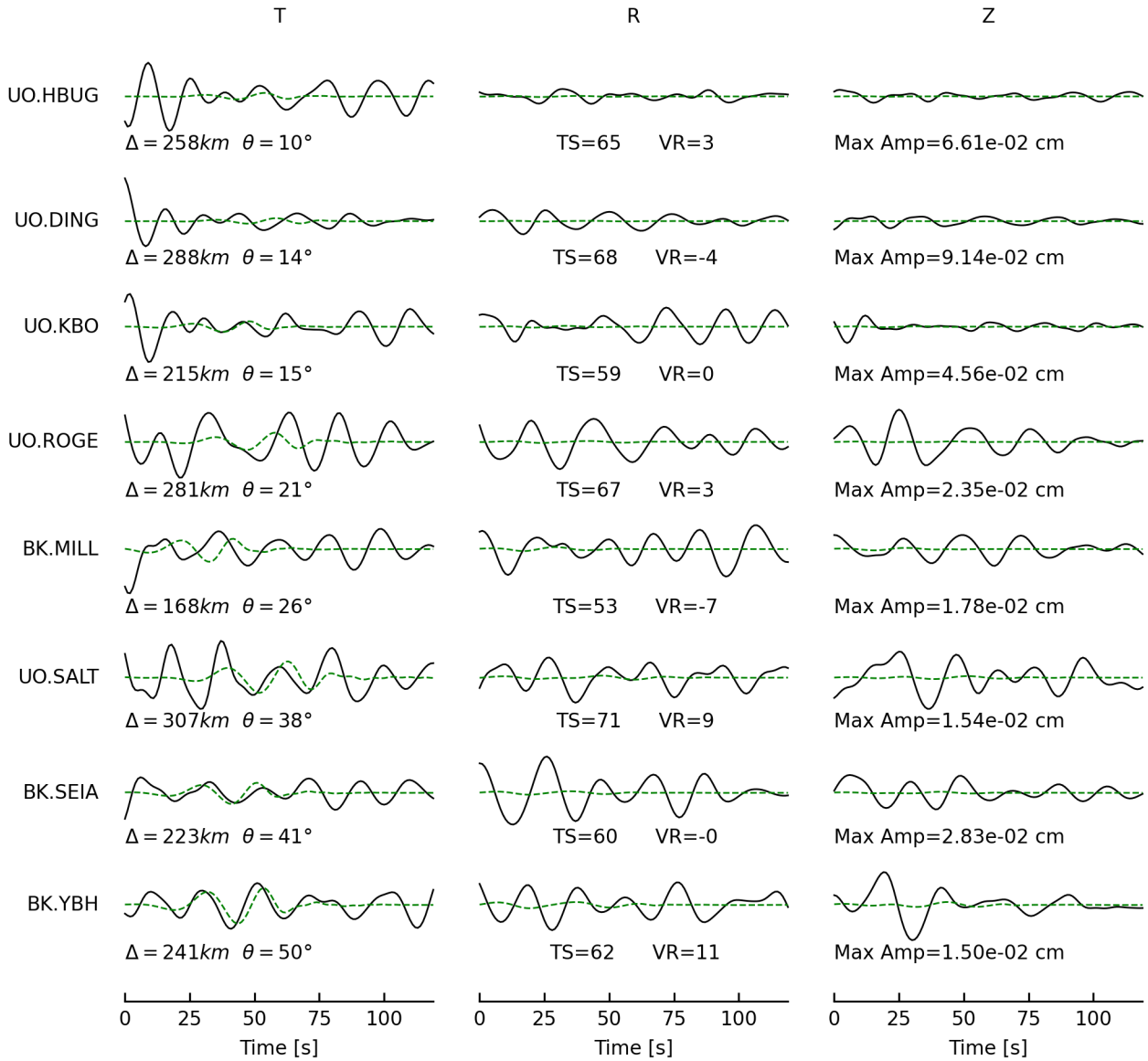

T
R
Z
BK.JCC
Δ = 91km θ = 55°
TS=43 VR=1
Max Amp=2.99e-02 cm
BK.GUMB
Δ = 225km θ = 64°
TS=60 VR=5
Max Amp=2.51e-02 cm
BK.TRIN
Δ = 199km θ = 69°
TS=57 VR=3
Max Amp=1.85e-02 cm
BK.SAGE
Δ = 248km θ = 78°
TS=63 VR=11
Max Amp=1.42e-02 cm
BK.HAYF
Δ = 144km θ = 82°
TS=50 VR=3
Max Amp=2.51e-02 cm
BK.DLIK
Δ = 172km θ = 85°
TS=53 VR=0
Max Amp=5.14e-02 cm
BK.WLKR
Δ = 50km θ = 88°
TS=27 VR=13
Max Amp=8.20e-02 cm
BK.GHOP
Δ = 80km θ = 93°
TS=41 VR=6
Max Amp=1.18e-01 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

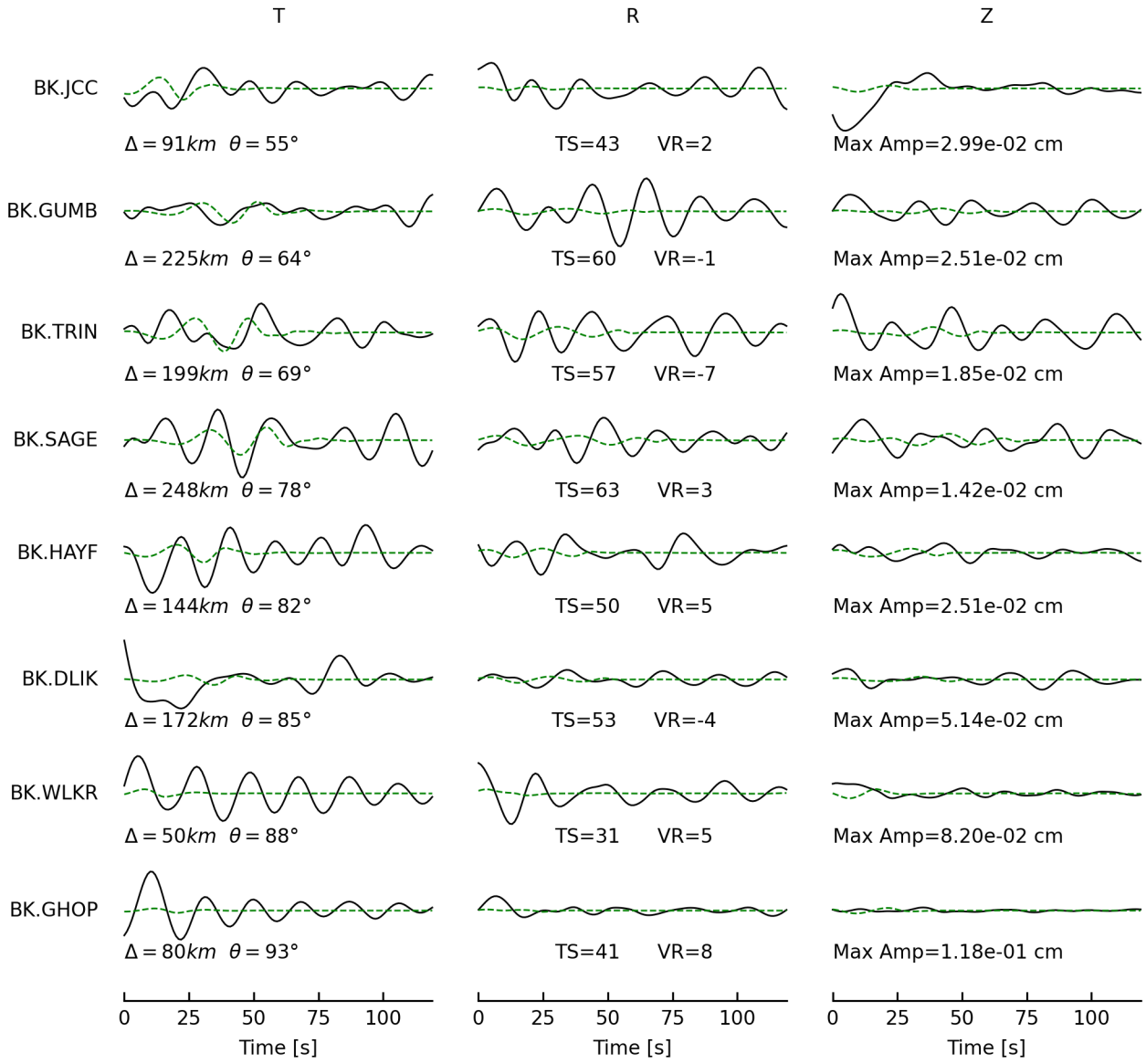

T
R
Z
BK.HUNT
Δ = 152km θ = 96°
TS=51 VR=2
Max Amp=3.89e-02 cm
BK.ORV
Δ = 305km θ = 106°
TS=71 VR=-13
Max Amp=2.01e-02 cm
BK.SPRL
Δ = 98km θ = 111°
TS=44 VR=7
Max Amp=5.26e-02 cm
BK.USAL
Δ = 107km θ = 119°
TS=45 VR=5
Max Amp=3.81e-02 cm
NC.KCPC
Δ = 136km θ = 122°
TS=49 VR=-4
Max Amp=3.52e-02 cm
BK.ADAM
Δ = 284km θ = 128°
TS=68 VR=1
Max Amp=4.46e-02 cm
BK.ORRS
Δ = 174km θ = 133°
TS=54 VR=1
Max Amp=6.90e-02 cm
BK.BONV
Δ = 202km θ = 138°
TS=57 VR=7
Max Amp=8.23e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

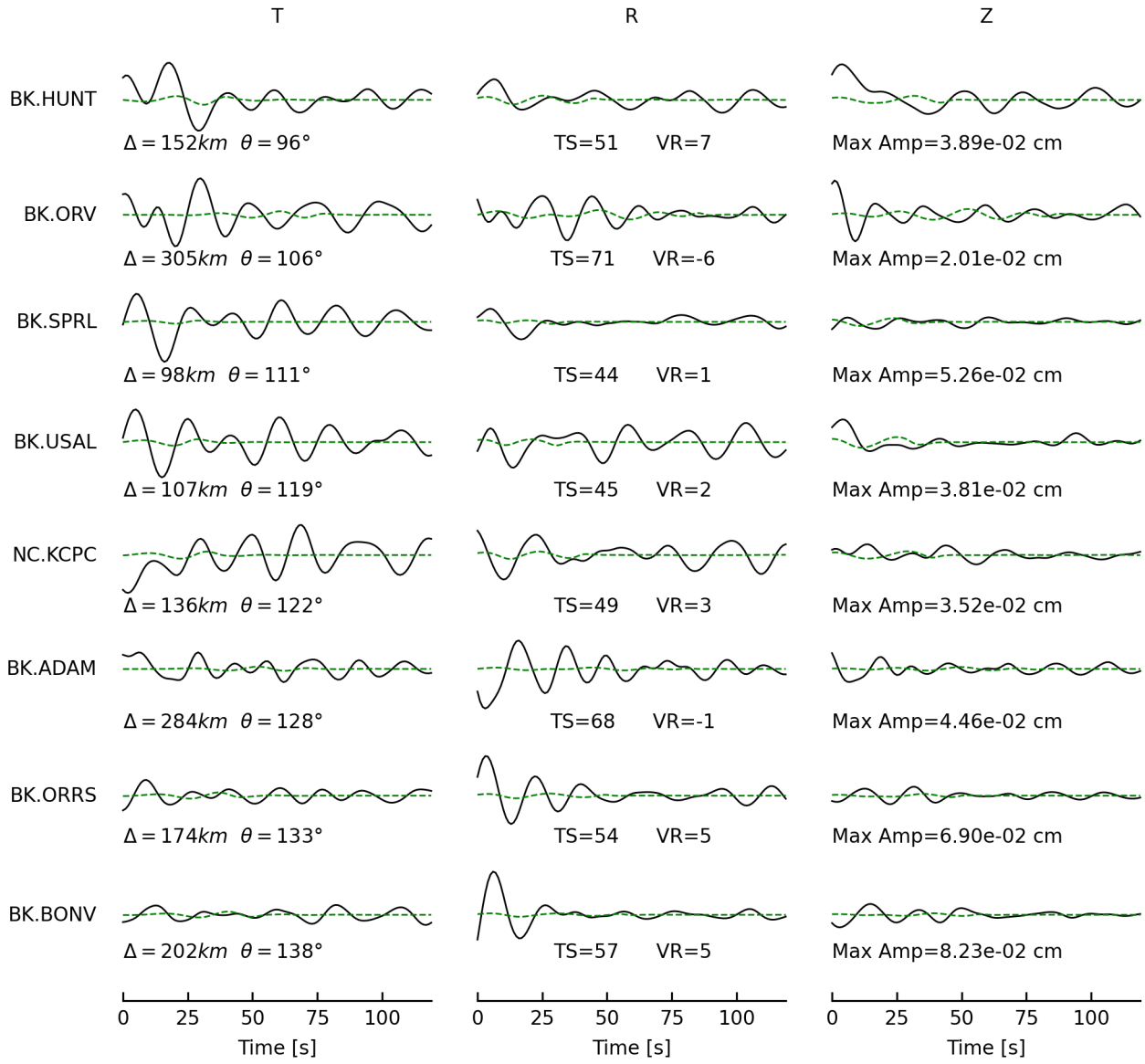

T
R
Z
BK.HRCH
Δ = 244km θ = 143°
TS=63 VR=5
Max Amp=7.51e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

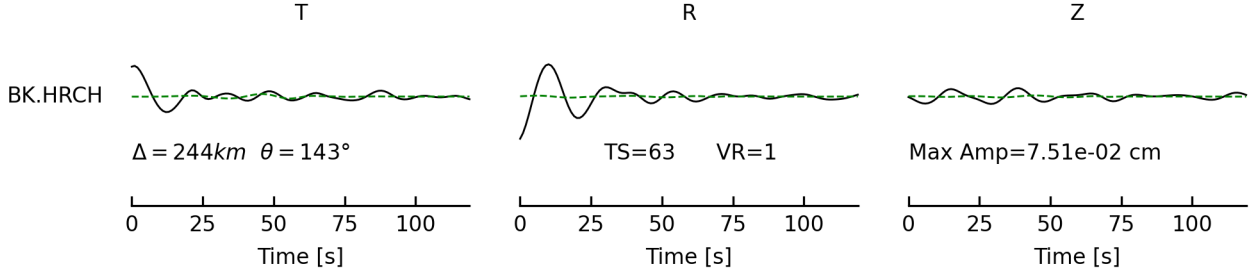
Deviatoric Moment Tensor Inversion
Evid = 75001903
Depth = 4.0 km
Mw = 5.64
M0 = 3.56e+24 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (32,81,-84) (179,11,-123)
npts = 120 vred = 7.692 km/s
VR = 1.69% lune:0,0



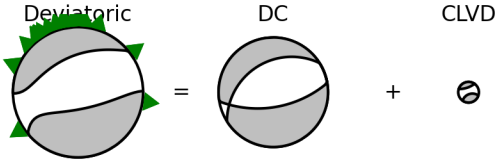


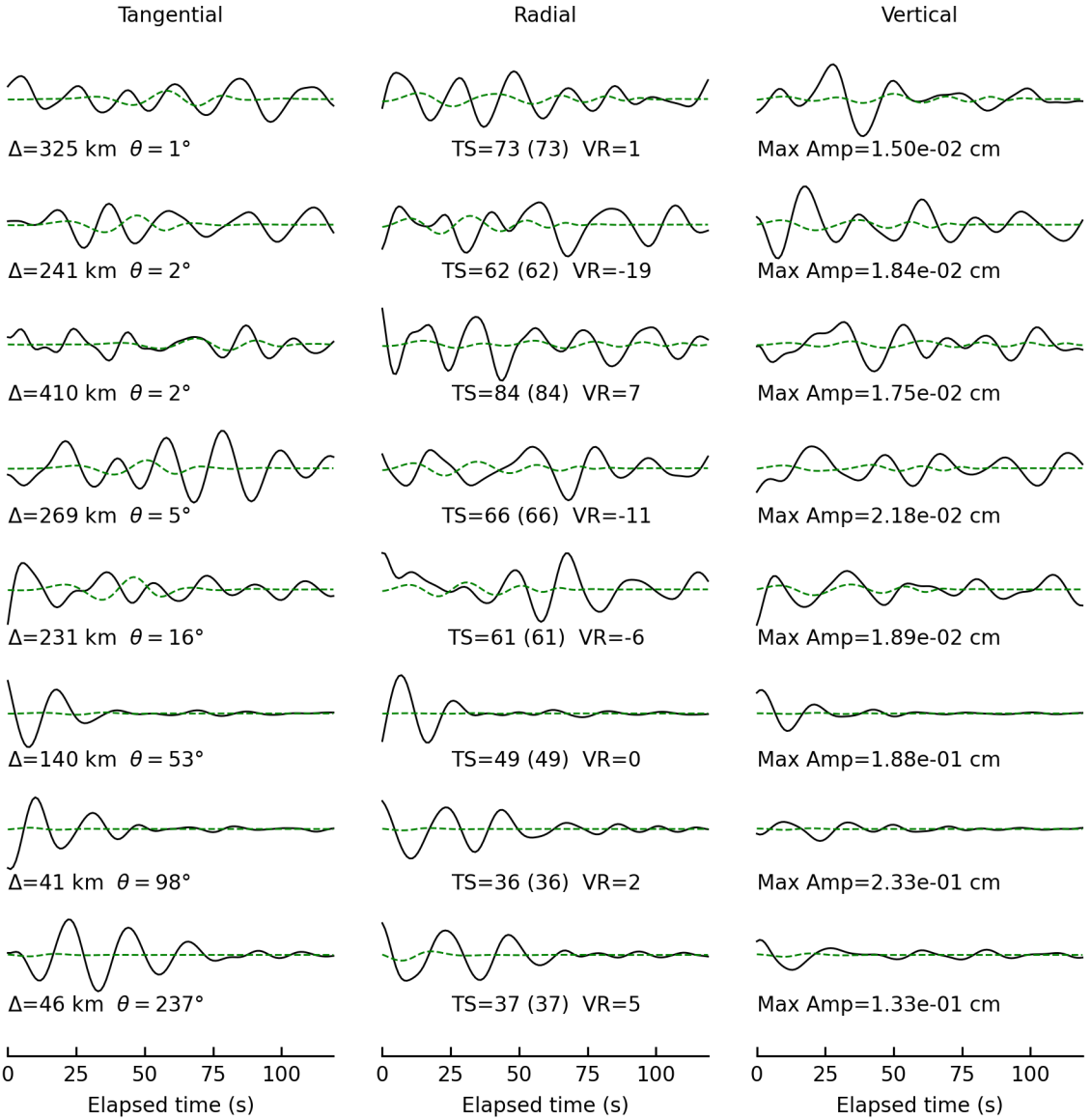

T
R
Z
BK.JCC
Δ = 91km θ = 55°
TS=43 VR=2
Max Amp=2.99e-02 cm
BK.GUMB
Δ = 225km θ = 64°
TS=60 VR=-1
Max Amp=2.51e-02 cm
BK.TRIN
Δ = 199km θ = 69°
TS=57 VR=-7
Max Amp=1.85e-02 cm
BK.SAGE
Δ = 248km θ = 78°
TS=63 VR=3
Max Amp=1.42e-02 cm
BK.HAYF
Δ = 144km θ = 82°
TS=50 VR=5
Max Amp=2.51e-02 cm
BK.DLIK
Δ = 172km θ = 85°
TS=53 VR=-4
Max Amp=5.14e-02 cm
BK.WLKR
Δ = 50km θ = 88°
TS=31 VR=5
Max Amp=8.20e-02 cm
BK.GHOP
Δ = 80km θ = 93°
TS=41 VR=8
Max Amp=1.18e-01 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

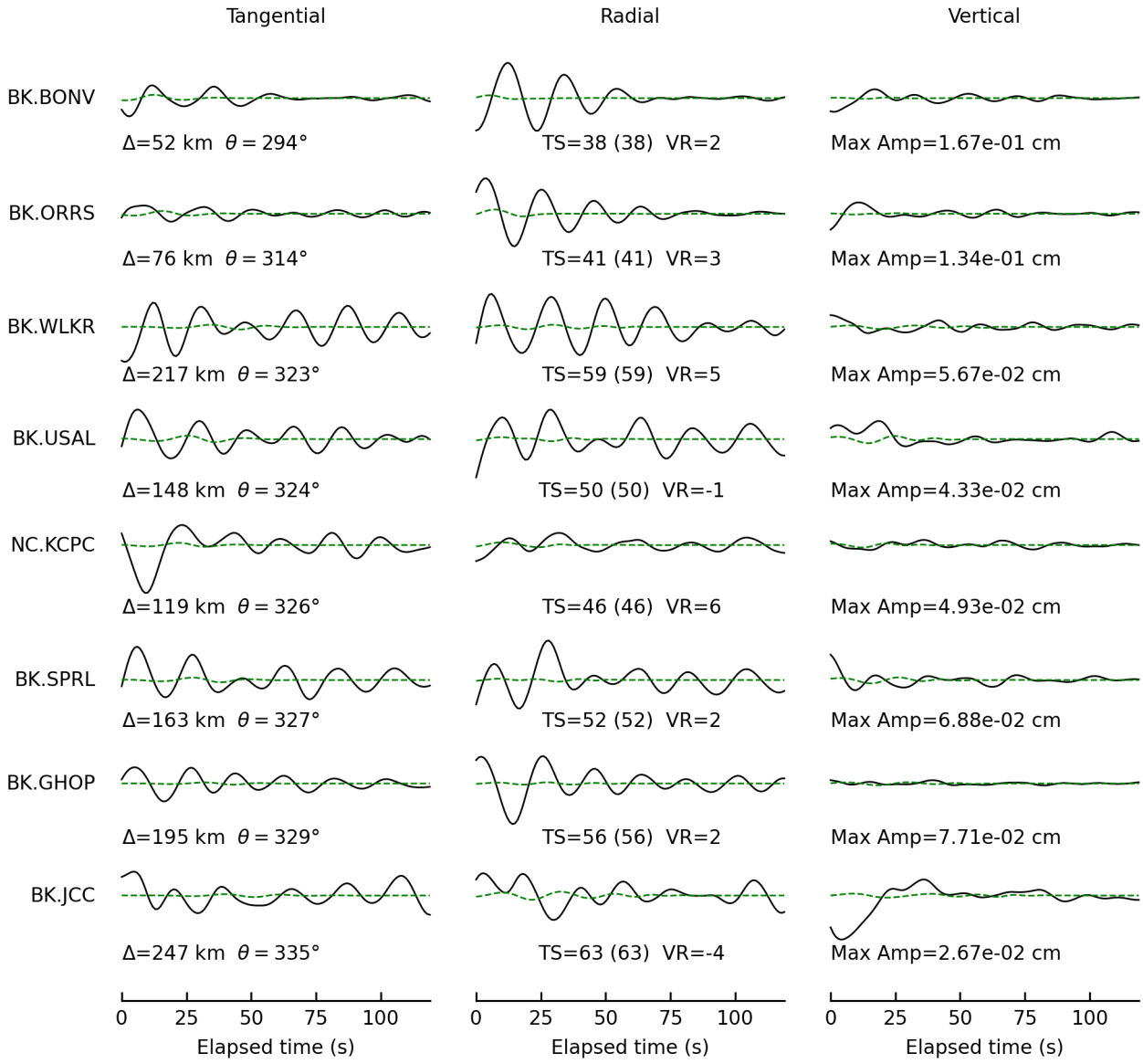

T
R
Z
BK.HUNT
Δ = 152km θ = 96°
TS=51 VR=7
Max Amp=3.89e-02 cm
BK.ORV
Δ = 305km θ = 106°
TS=71 VR=-6
Max Amp=2.01e-02 cm
BK.SPRL
Δ = 98km θ = 111°
TS=44 VR=1
Max Amp=5.26e-02 cm
BK.USAL
Δ = 107km θ = 119°
TS=45 VR=2
Max Amp=3.81e-02 cm
NC.KCPC
Δ = 136km θ = 122°
TS=49 VR=3
Max Amp=3.52e-02 cm
BK.ADAM
Δ = 284km θ = 128°
TS=68 VR=-1
Max Amp=4.46e-02 cm
BK.ORRS
Δ = 174km θ = 133°
TS=54 VR=5
Max Amp=6.90e-02 cm
BK.BONV
Δ = 202km θ = 138°
TS=57 VR=5
Max Amp=8.23e-02 cm
0 25 50 75 100
Time [s]

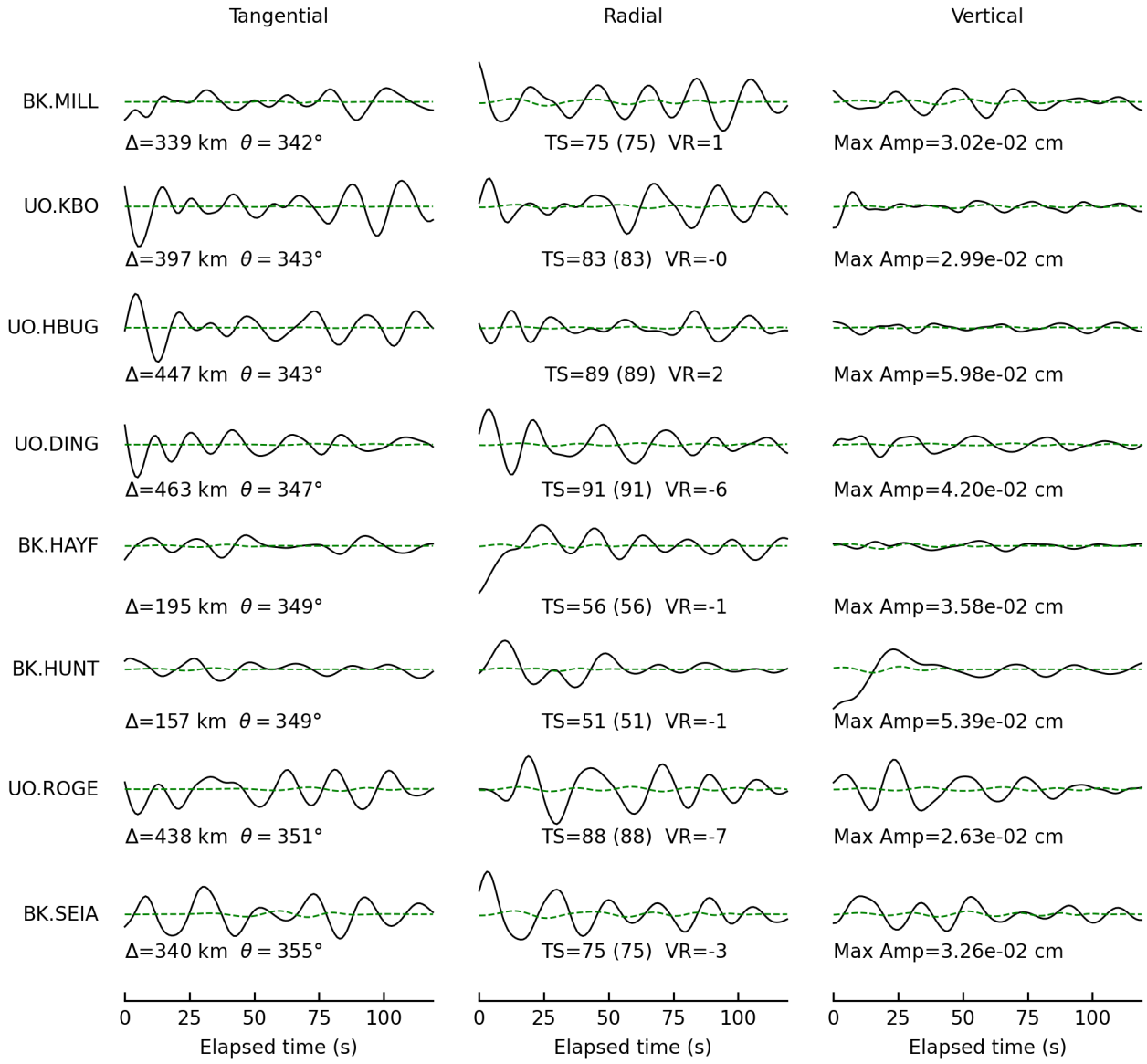

T
R
Z
BK.HRCH
Δ = 244km θ = 143°
TS=63 VR=1
Max Amp=7.51e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

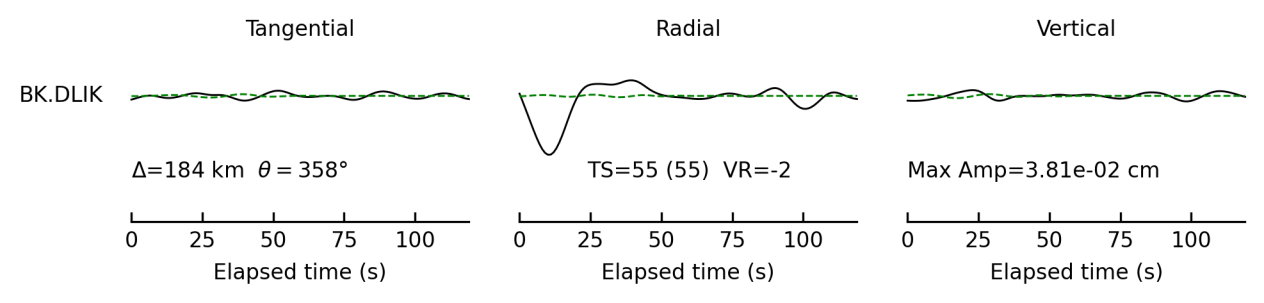
Deviatoric Moment Tensor Inversion
Evid = 75001908
Depth = 15.0 km
Mw = 5.46
M0 = 1.95e+24 dyne-cm
Percent DC/CLVD/ISO = 84/16/0
sdr = (238,32,-109) (80,60,-78)
npts = 120 vred = 7.692 km/s
VR = 0.57% lune:-4,0



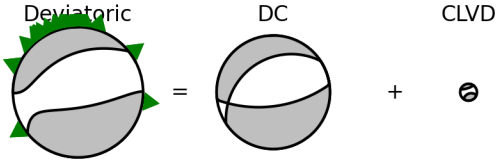


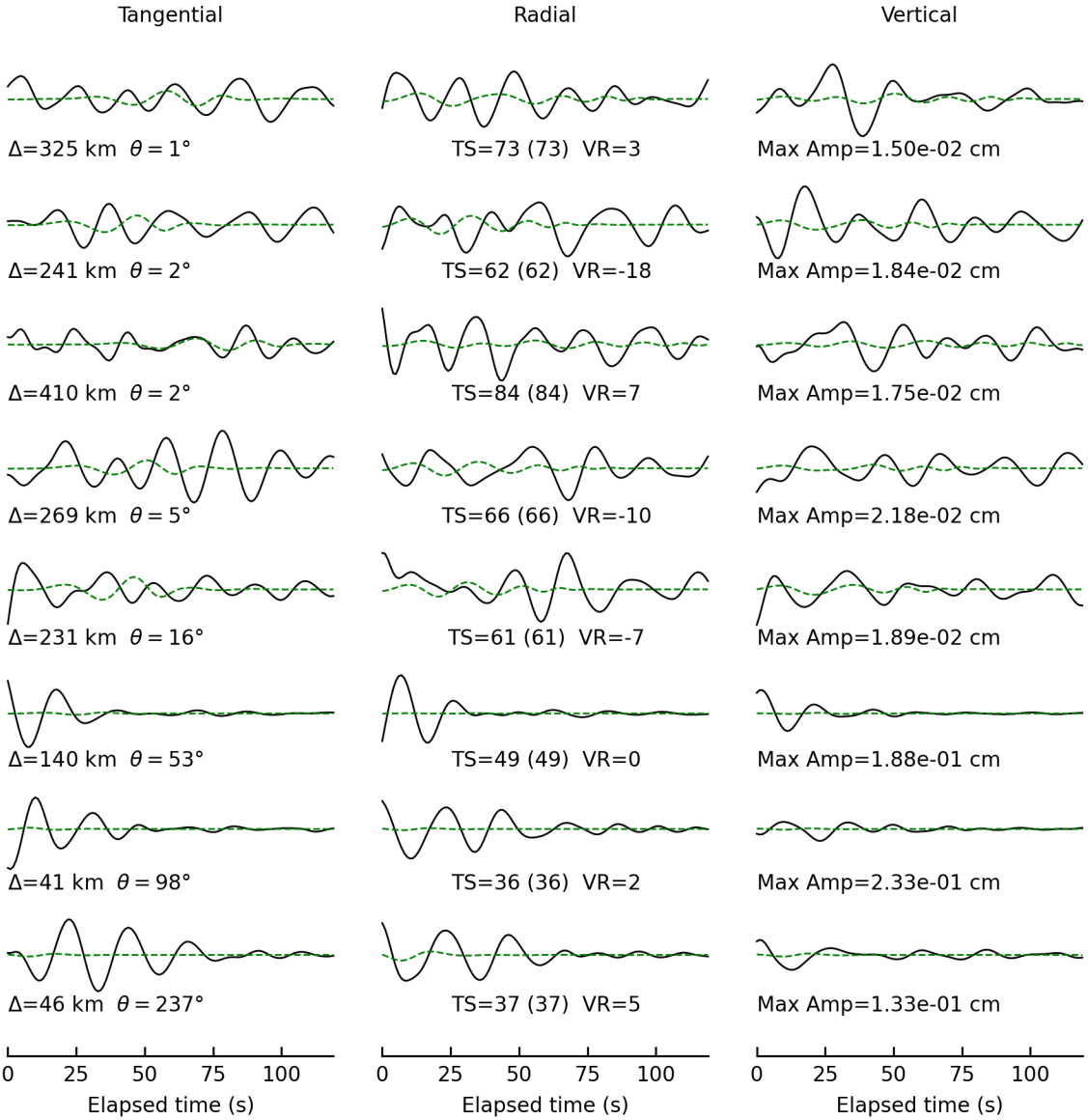

Tangential
Radial
Vertical
BK.BONV
Δ=52 km θ = 294°
TS=38 (38) VR=2
Max Amp=1.67e-01 cm
BK.ORRS
Δ=76 km θ = 314°
TS=41 (41) VR=3
Max Amp=1.34e-01 cm
BK.WLKR
Δ=217 km θ = 323°
TS=59 (59) VR=5
Max Amp=5.67e-02 cm
BK.USAL
Δ=148 km θ = 324°
TS=50 (50) VR=-1
Max Amp=4.33e-02 cm
NC.KCPC
Δ=119 km θ = 326°
TS=46 (46) VR=6
Max Amp=4.93e-02 cm
BK.SPRL
Δ=163 km θ = 327°
TS=52 (52) VR=2
Max Amp=6.88e-02 cm
BK.GHOP
Δ=195 km θ = 329°
TS=56 (56) VR=2
Max Amp=7.71e-02 cm
BK.JCC
Δ=247 km θ = 335°
TS=63 (63) VR=-4
Max Amp=2.67e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

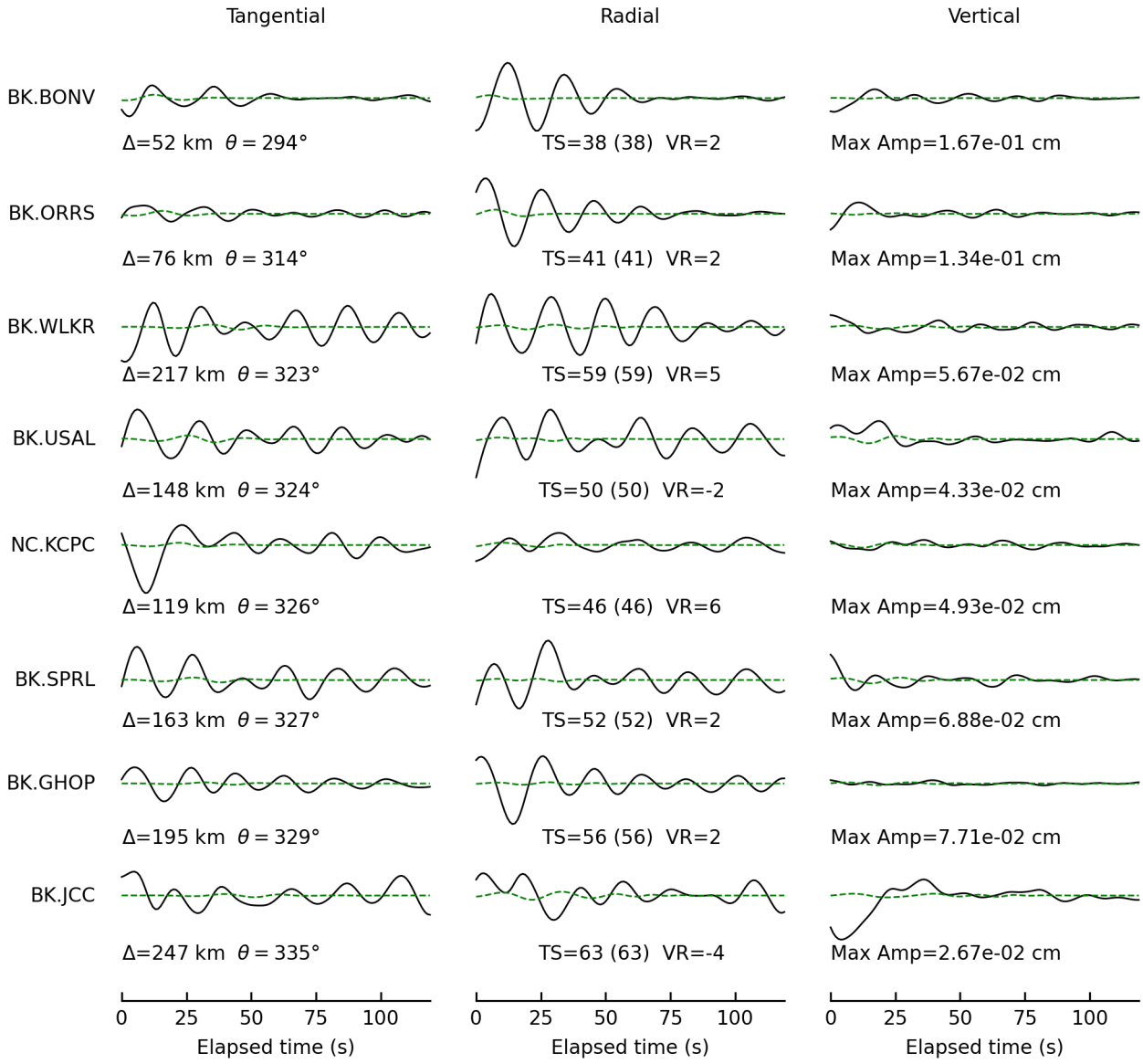

Tangential
Radial
Vertical
BK.MILL
Δ=339 km θ = 342°
TS=75 (75) VR=1
Max Amp=3.02e-02 cm
UO.KBO
Δ=397 km θ = 343°
TS=83 (83) VR=-0
Max Amp=2.99e-02 cm
UO.HBUG
Δ=447 km θ = 343°
TS=89 (89) VR=2
Max Amp=5.98e-02 cm
UO.DING
Δ=463 km θ = 347°
TS=91 (91) VR=-6
Max Amp=4.20e-02 cm
BK.HAYF
Δ=195 km θ = 349°
TS=56 (56) VR=-1
Max Amp=3.58e-02 cm
BK.HUNT
Δ=157 km θ = 349°
TS=51 (51) VR=-1
Max Amp=5.39e-02 cm
UO.ROGE
Δ=438 km θ = 351°
TS=88 (88) VR=-7
Max Amp=2.63e-02 cm
BK.SEIA
Δ=340 km θ = 355°
TS=75 (75) VR=-3
Max Amp=3.26e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

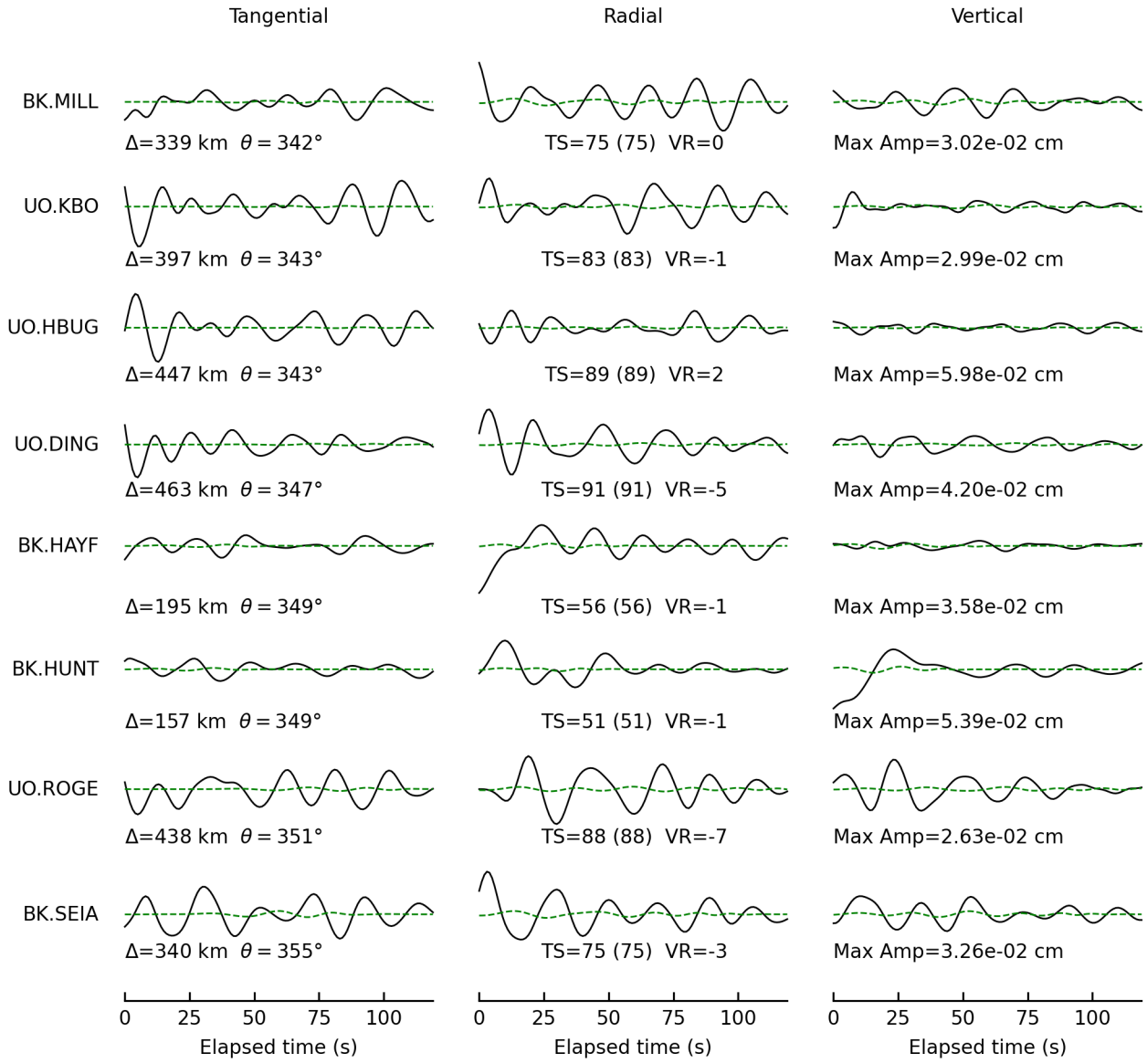

Tangential
Radial
Vertical
BK.DLIK
Δ=184 km θ = 358°
TS=55 (55) VR=-2
Max Amp=3.81e-02 cm
0
25
50
75
100
Elapsed time (s)

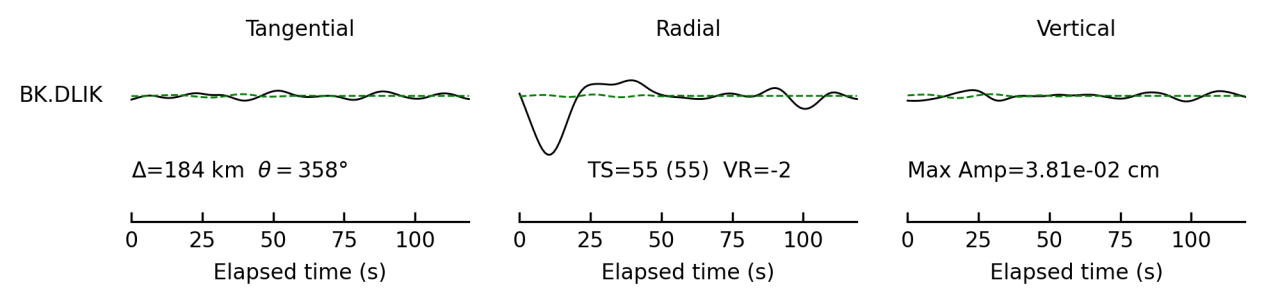
Deviatoric Moment Tensor Inversion
Evid = 75001908
Depth = 13.0 km
Mw = 5.46
M0 = 1.93e+24 dyne-cm
Percent DC/CLVD/ISO = 87/13/0
sdr = (237,30,-113) (82,62,-77)
npts = 120 vred = 7.692 km/s
VR = 0.56% lune:-3,0



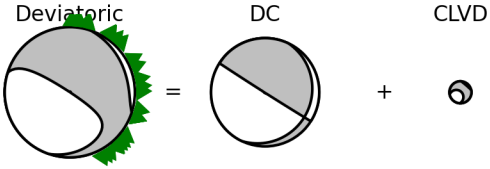


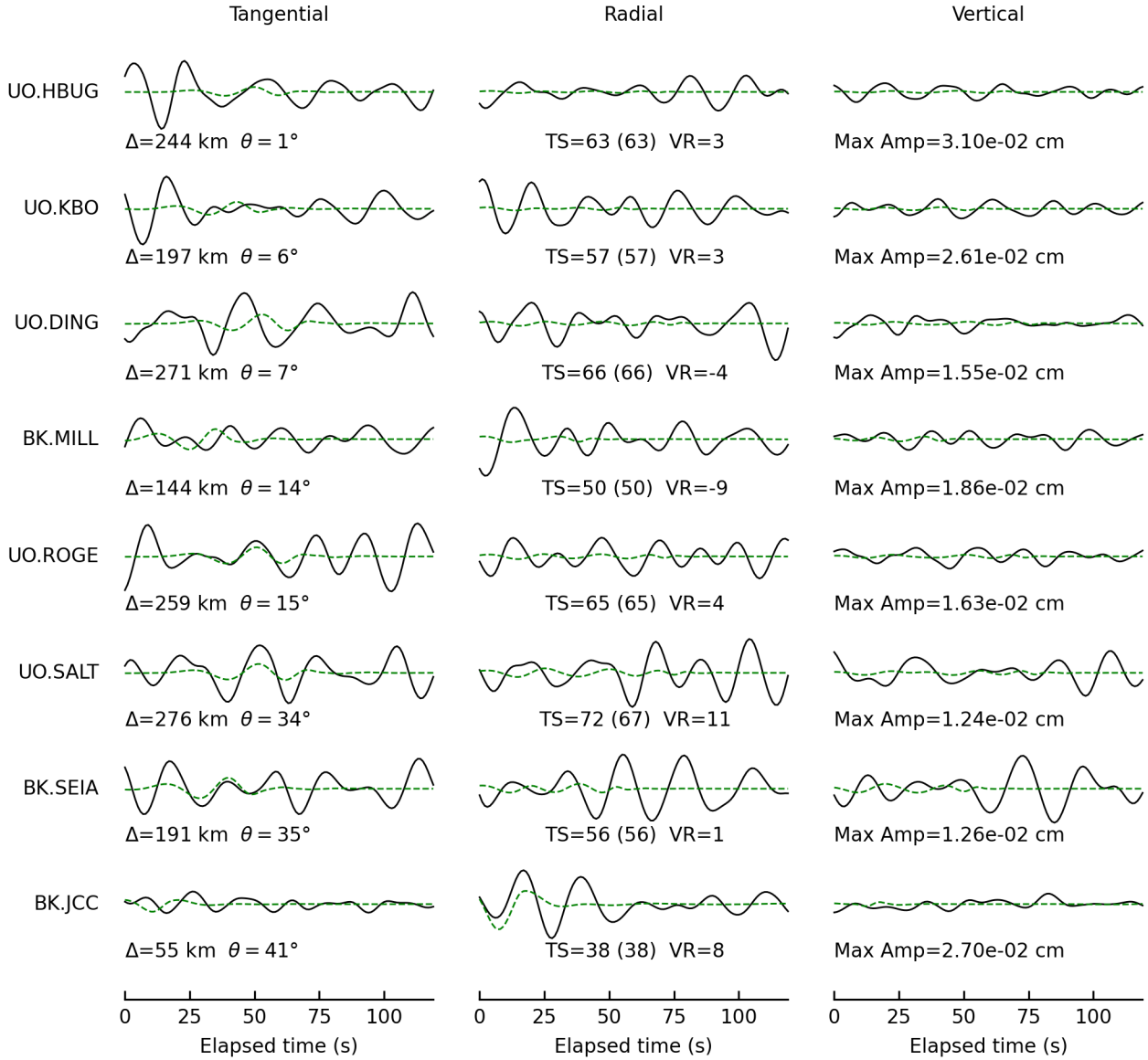

Tangential
Radial
Vertical
BK.BONV
Δ=52 km θ = 294°
TS=38 (38) VR=2
Max Amp=1.67e-01 cm
BK.ORRS
Δ=76 km θ = 314°
TS=41 (41) VR=2
Max Amp=1.34e-01 cm
BK.WLKR
Δ=217 km θ = 323°
TS=59 (59) VR=5
Max Amp=5.67e-02 cm
BK.USAL
Δ=148 km θ = 324°
TS=50 (50) VR=-2
Max Amp=4.33e-02 cm
NC.KCPC
Δ=119 km θ = 326°
TS=46 (46) VR=6
Max Amp=4.93e-02 cm
BK.SPRL
Δ=163 km θ = 327°
TS=52 (52) VR=2
Max Amp=6.88e-02 cm
BK.GHOP
Δ=195 km θ = 329°
TS=56 (56) VR=2
Max Amp=7.71e-02 cm
BK.JCC
Δ=247 km θ = 335°
TS=63 (63) VR=-4
Max Amp=2.67e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

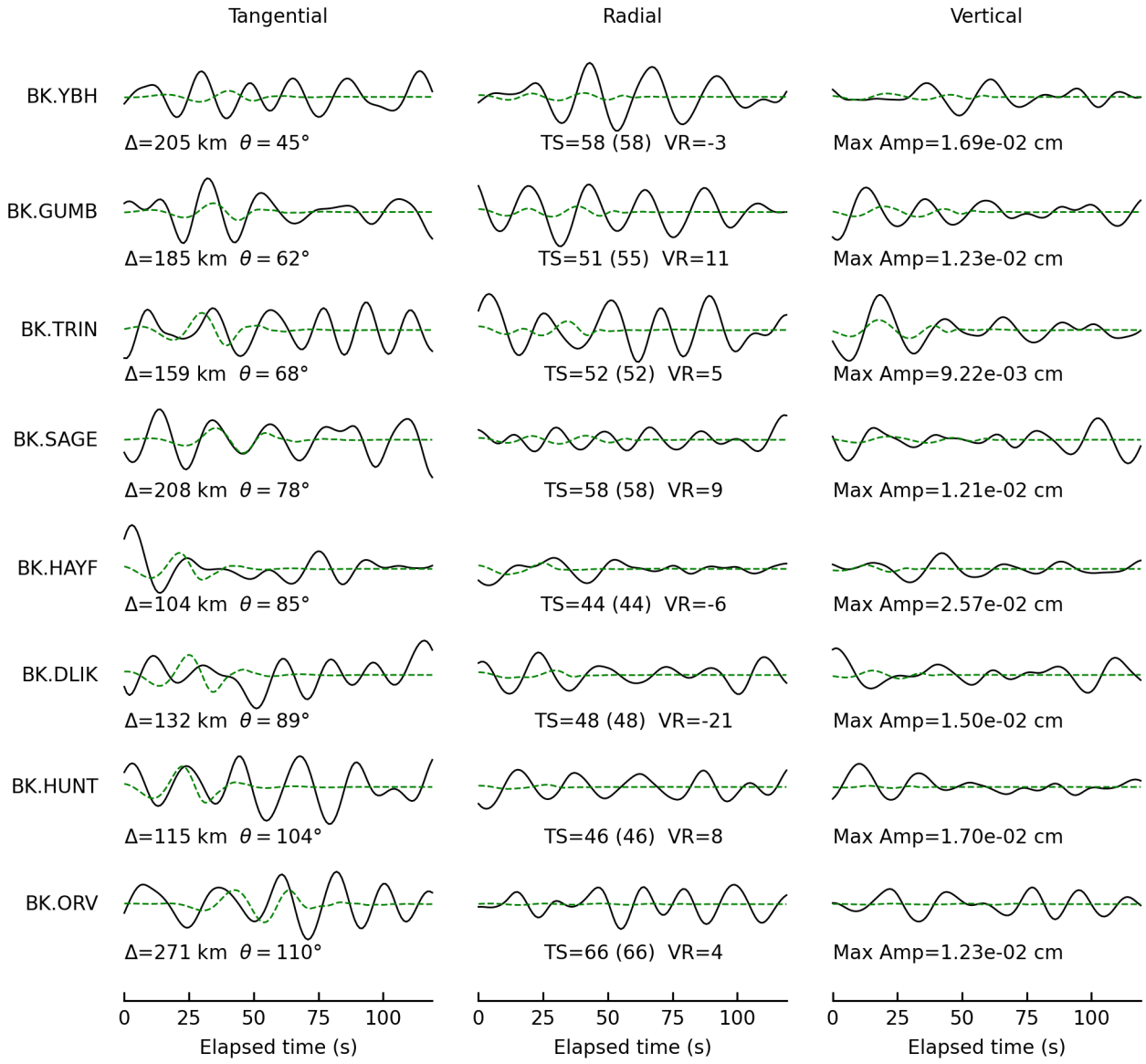

Tangential
Radial
Vertical
BK.MILL
Δ=339 km θ = 342°
TS=75 (75) VR=0
Max Amp=3.02e-02 cm
UO.KBO
Δ=397 km θ = 343°
TS=83 (83) VR=-1
Max Amp=2.99e-02 cm
UO.HBUG
Δ=447 km θ = 343°
TS=89 (89) VR=2
Max Amp=5.98e-02 cm
UO.DING
Δ=463 km θ = 347°
TS=91 (91) VR=-5
Max Amp=4.20e-02 cm
BK.HAYF
Δ=195 km θ = 349°
TS=56 (56) VR=-1
Max Amp=3.58e-02 cm
BK.HUNT
Δ=157 km θ = 349°
TS=51 (51) VR=-1
Max Amp=5.39e-02 cm
UO.ROGE
Δ=438 km θ = 351°
TS=88 (88) VR=-7
Max Amp=2.63e-02 cm
BK.SEIA
Δ=340 km θ = 355°
TS=75 (75) VR=-3
Max Amp=3.26e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

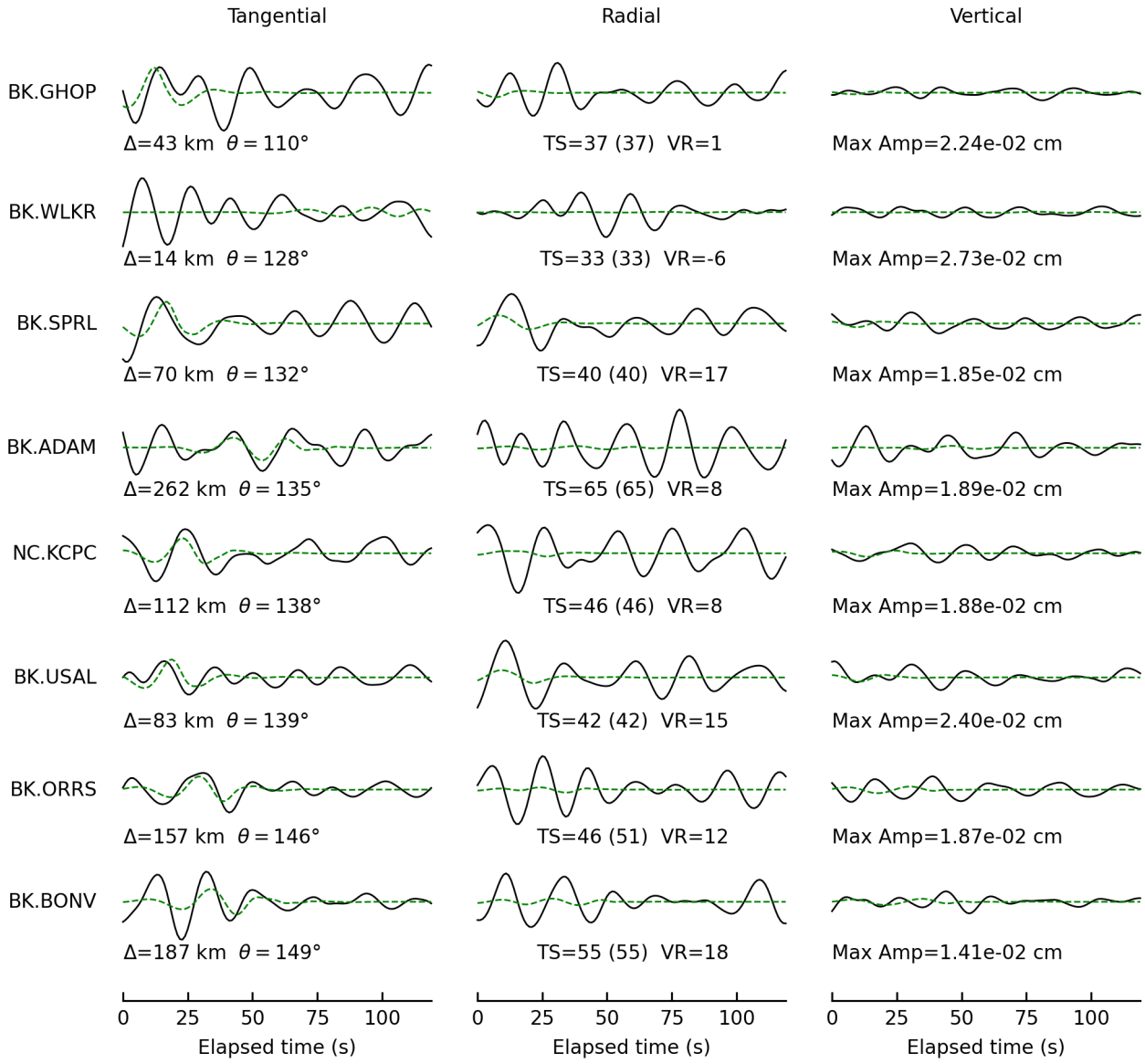

Tangential
Radial
Vertical
BK.DLIK
Δ=184 km θ = 358°
TS=55 (55) VR=-2
Max Amp=3.81e-02 cm
0
25
50
75
100
Elapsed time (s)

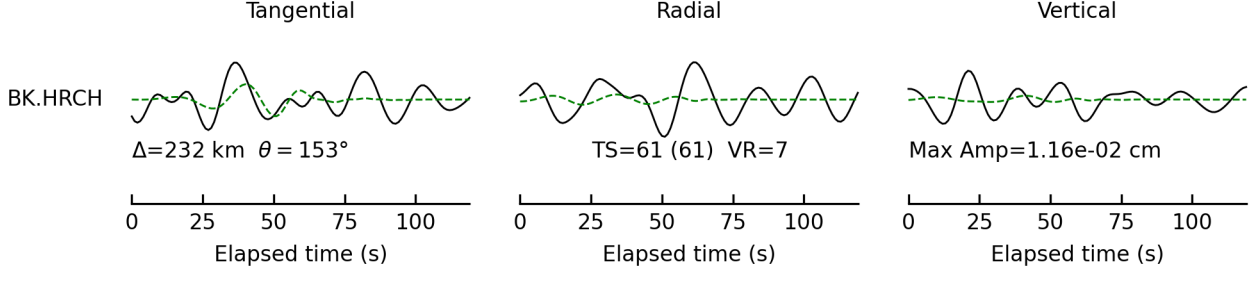
Deviatoric Moment Tensor Inversion
Evid = 75001913
Depth = 5.0 km
Mw = 5.57
M0 = 2.83e+24 dyne-cm
Percent DC/CLVD/ISO = 83/17/0
sdr = (122,89,81) (26,9,173)
npts = 120 vred = 7.692 km/s
VR = 4.35% lune:4,0



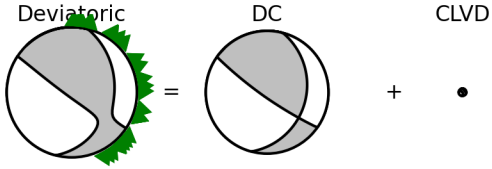


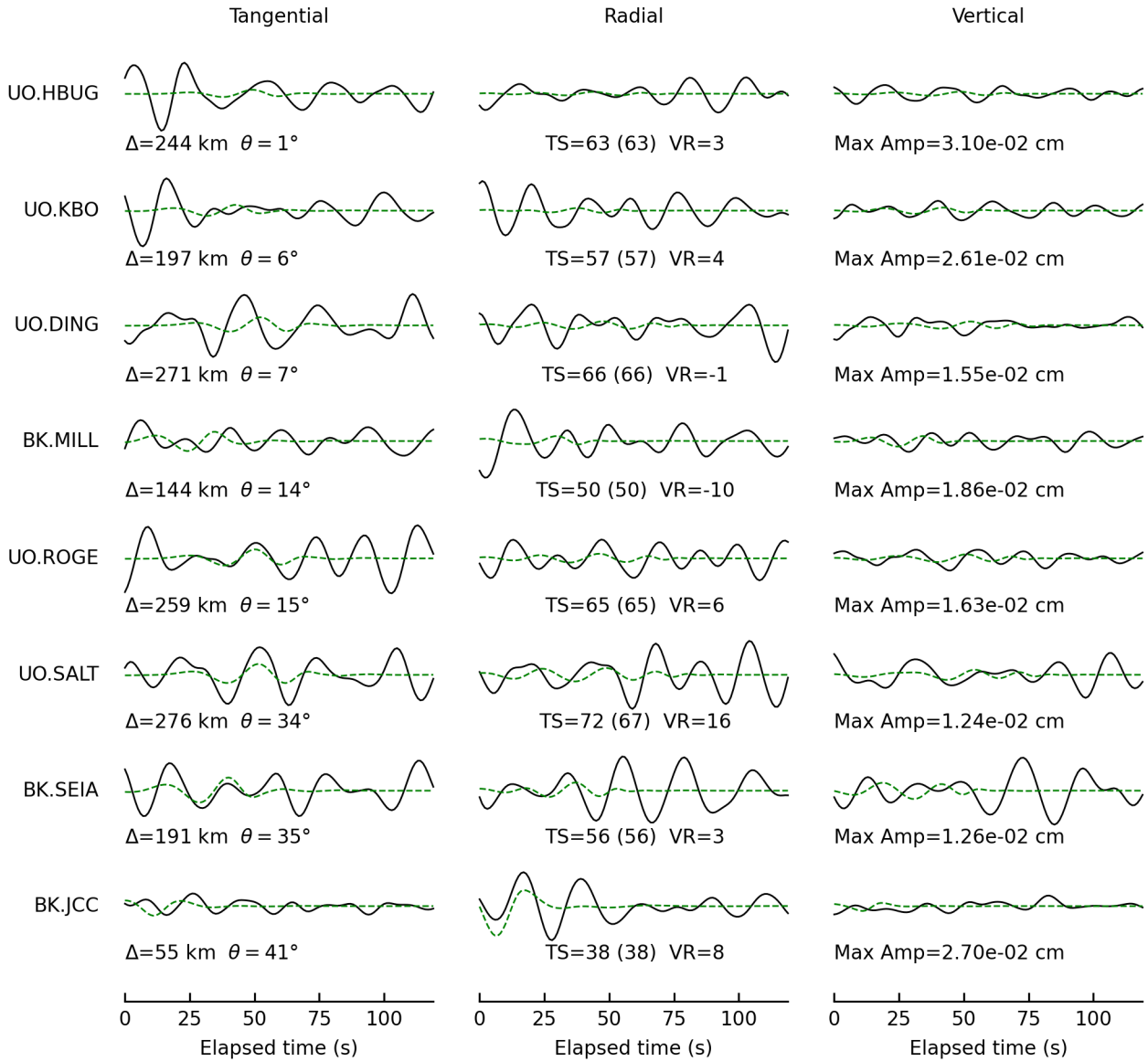

Tangential
Radial
Vertical
BK.YBH
Δ=205 km θ = 45°
TS=58 (58) VR=-3
Max Amp=1.69e-02 cm
BK.GUMB
Δ=185 km θ = 62°
TS=51 (55) VR=11
Max Amp=1.23e-02 cm
BK.TRIN
Δ=159 km θ = 68°
TS=52 (52) VR=5
Max Amp=9.22e-03 cm
BK.SAGE
Δ=208 km θ = 78°
TS=58 (58) VR=9
Max Amp=1.21e-02 cm
BK.HAYF
Δ=104 km θ = 85°
TS=44 (44) VR=-6
Max Amp=2.57e-02 cm
BK.DLIK
Δ=132 km θ = 89°
TS=48 (48) VR=-21
Max Amp=1.50e-02 cm
BK.HUNT
Δ=115 km θ = 104°
TS=46 (46) VR=8
Max Amp=1.70e-02 cm
BK.ORV
Δ=271 km θ = 110°
TS=66 (66) VR=4
Max Amp=1.23e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

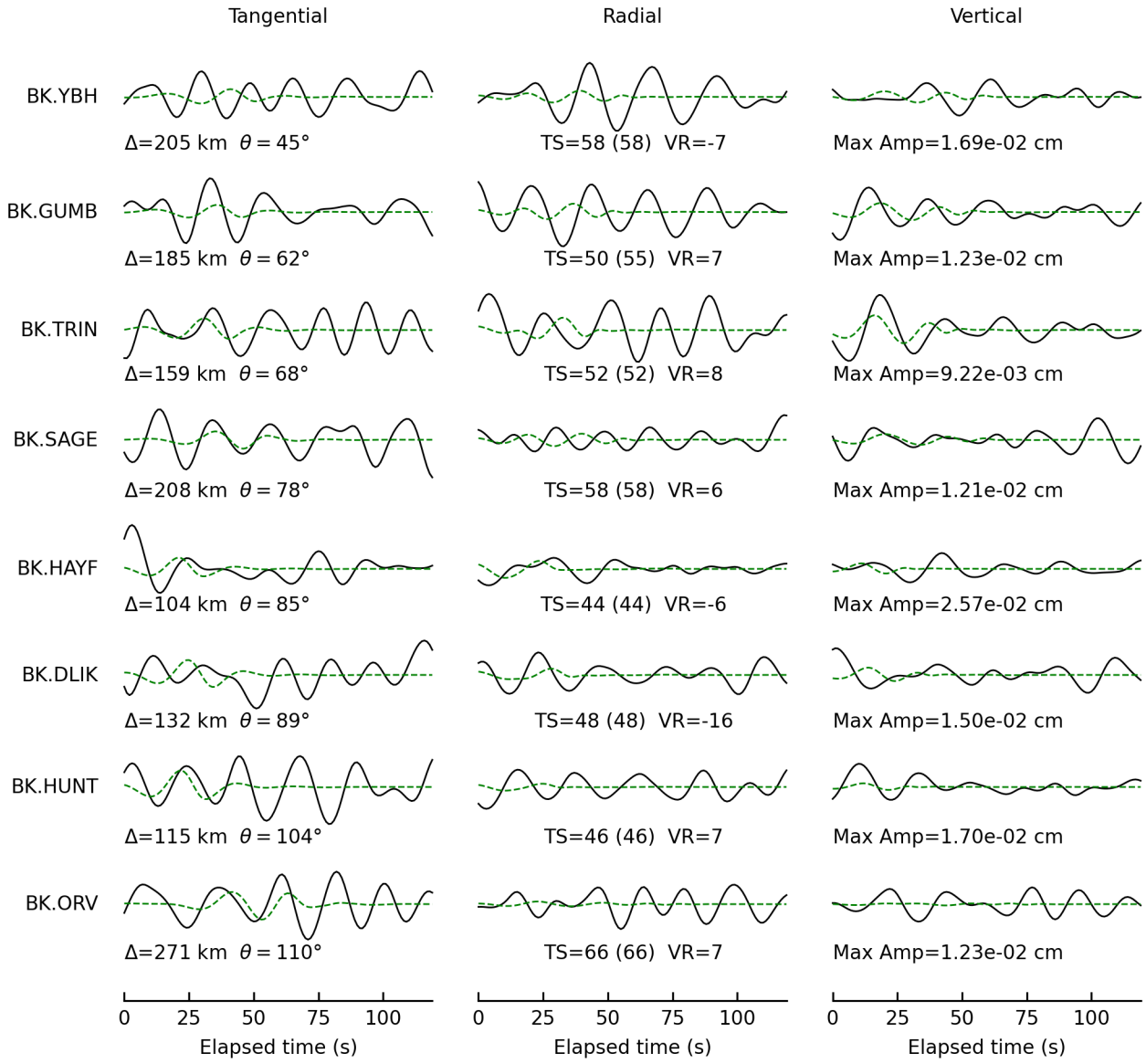

Tangential
Radial
Vertical
BK.GHOP
Δ=43 km θ = 110°
TS=37 (37) VR=1
Max Amp=2.24e-02 cm
BK.WLKR
Δ=14 km θ = 128°
TS=33 (33) VR=-6
Max Amp=2.73e-02 cm
BK.SPRL
Δ=70 km θ = 132°
TS=40 (40) VR=17
Max Amp=1.85e-02 cm
BK.ADAM
Δ=262 km θ = 135°
TS=65 (65) VR=8
Max Amp=1.89e-02 cm
NC.KCPC
Δ=112 km θ = 138°
TS=46 (46) VR=8
Max Amp=1.88e-02 cm
BK.USAL
Δ=83 km θ = 139°
TS=42 (42) VR=15
Max Amp=2.40e-02 cm
BK.ORRS
Δ=157 km θ = 146°
TS=46 (51) VR=12
Max Amp=1.87e-02 cm
BK.BONV
Δ=187 km θ = 149°
TS=55 (55) VR=18
Max Amp=1.41e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

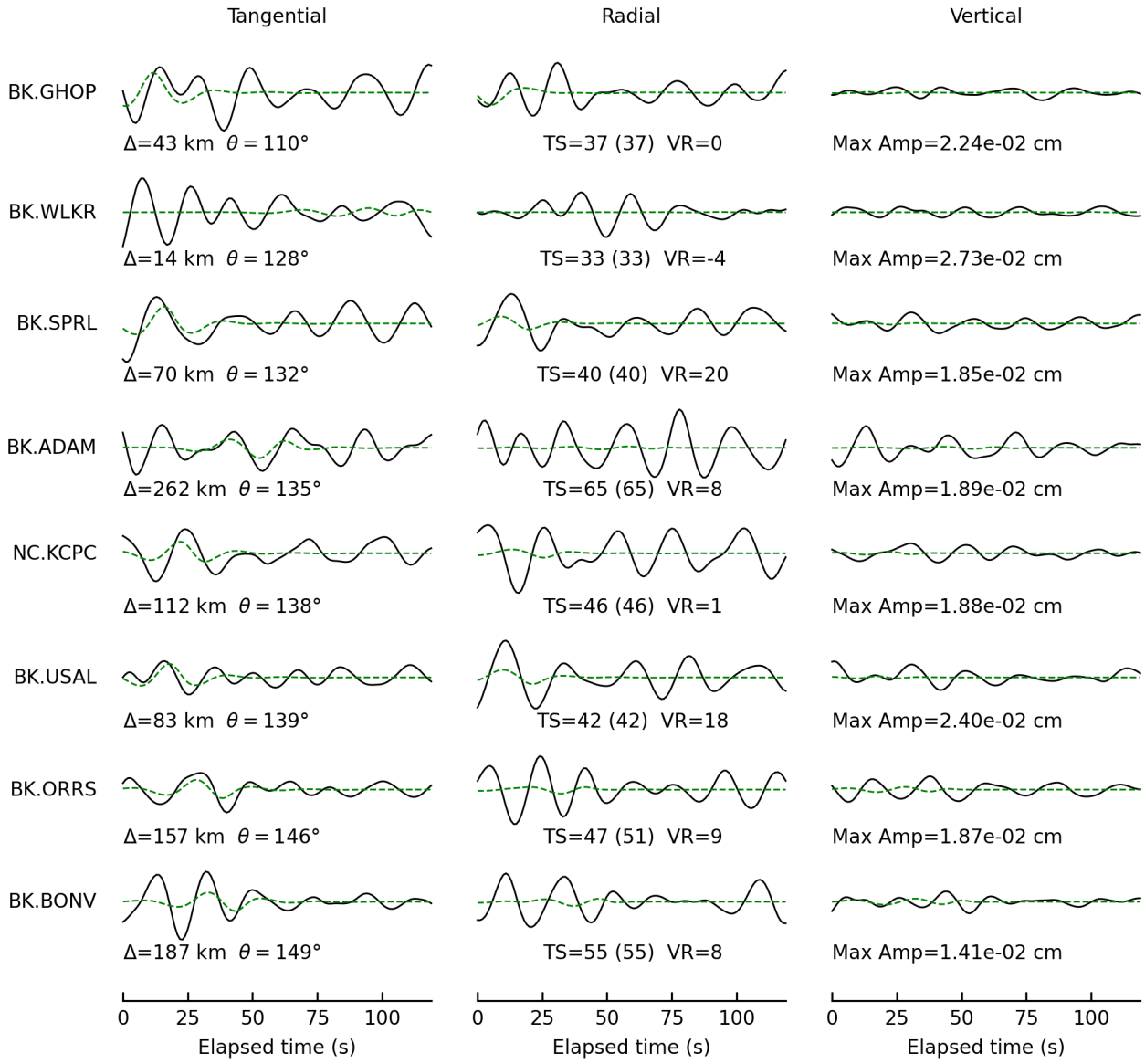

Tangential
Radial
Vertical
BK.HRCH
Δ=232 km θ = 153°
TS=61 (61) VR=7
Max Amp=1.16e-02 cm
0
25
50
75
100
Elapsed time (s)

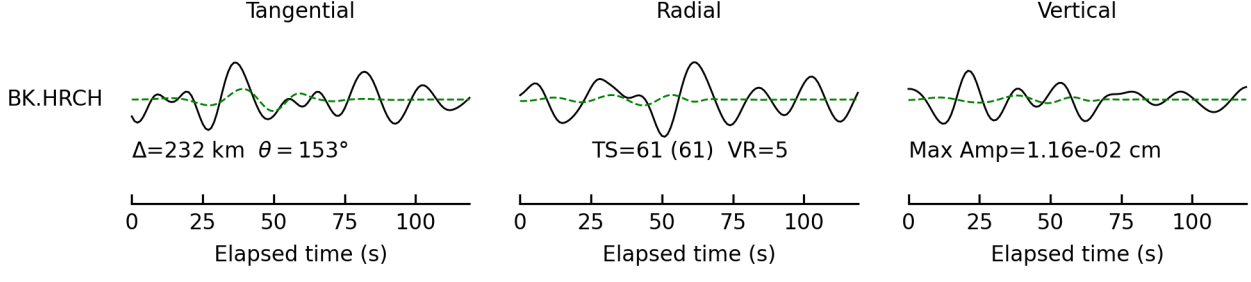
Deviatoric Moment Tensor Inversion
Evid = 75001913
Depth = 11.0 km
Mw = 5.38
M0 = 1.48e+24 dyne-cm
Percent DC/CLVD/ISO = 94/6/0
sdr = (15,25,158) (125,81,67)
npts = 120 vred = 7.692 km/s
VR = 4.09% lune:1,0



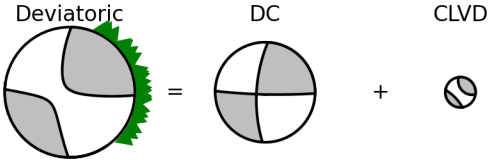


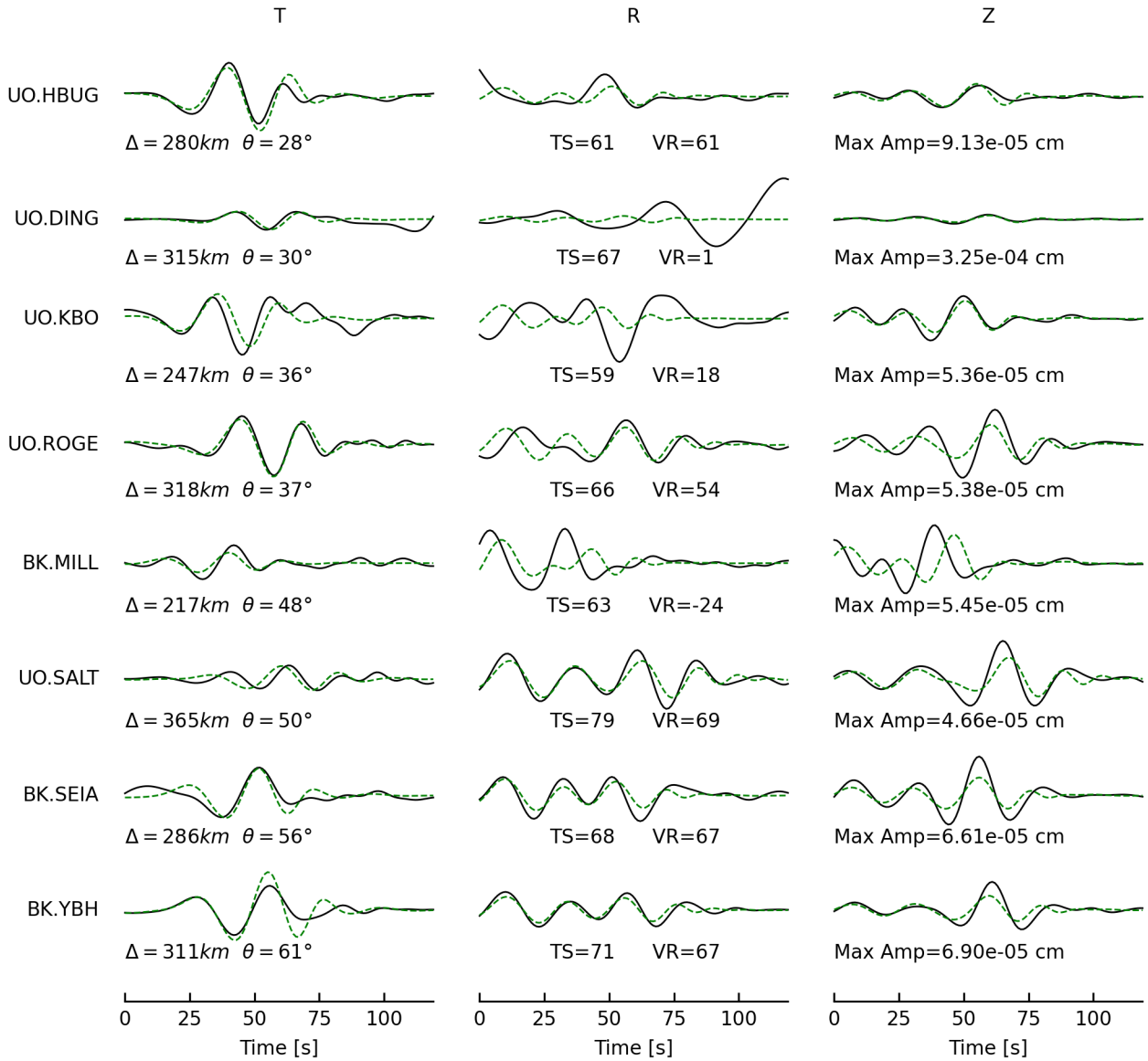

Tangential
Radial
Vertical
BK.YBH
Δ=205 km θ = 45°
TS=58 (58) VR=-7
Max Amp=1.69e-02 cm
BK.GUMB
Δ=185 km θ = 62°
TS=50 (55) VR=7
Max Amp=1.23e-02 cm
BK.TRIN
Δ=159 km θ = 68°
TS=52 (52) VR=8
Max Amp=9.22e-03 cm
BK.SAGE
Δ=208 km θ = 78°
TS=58 (58) VR=6
Max Amp=1.21e-02 cm
BK.HAYF
Δ=104 km θ = 85°
TS=44 (44) VR=-6
Max Amp=2.57e-02 cm
BK.DLIK
Δ=132 km θ = 89°
TS=48 (48) VR=-16
Max Amp=1.50e-02 cm
BK.HUNT
Δ=115 km θ = 104°
TS=46 (46) VR=7
Max Amp=1.70e-02 cm
BK.ORV
Δ=271 km θ = 110°
TS=66 (66) VR=7
Max Amp=1.23e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

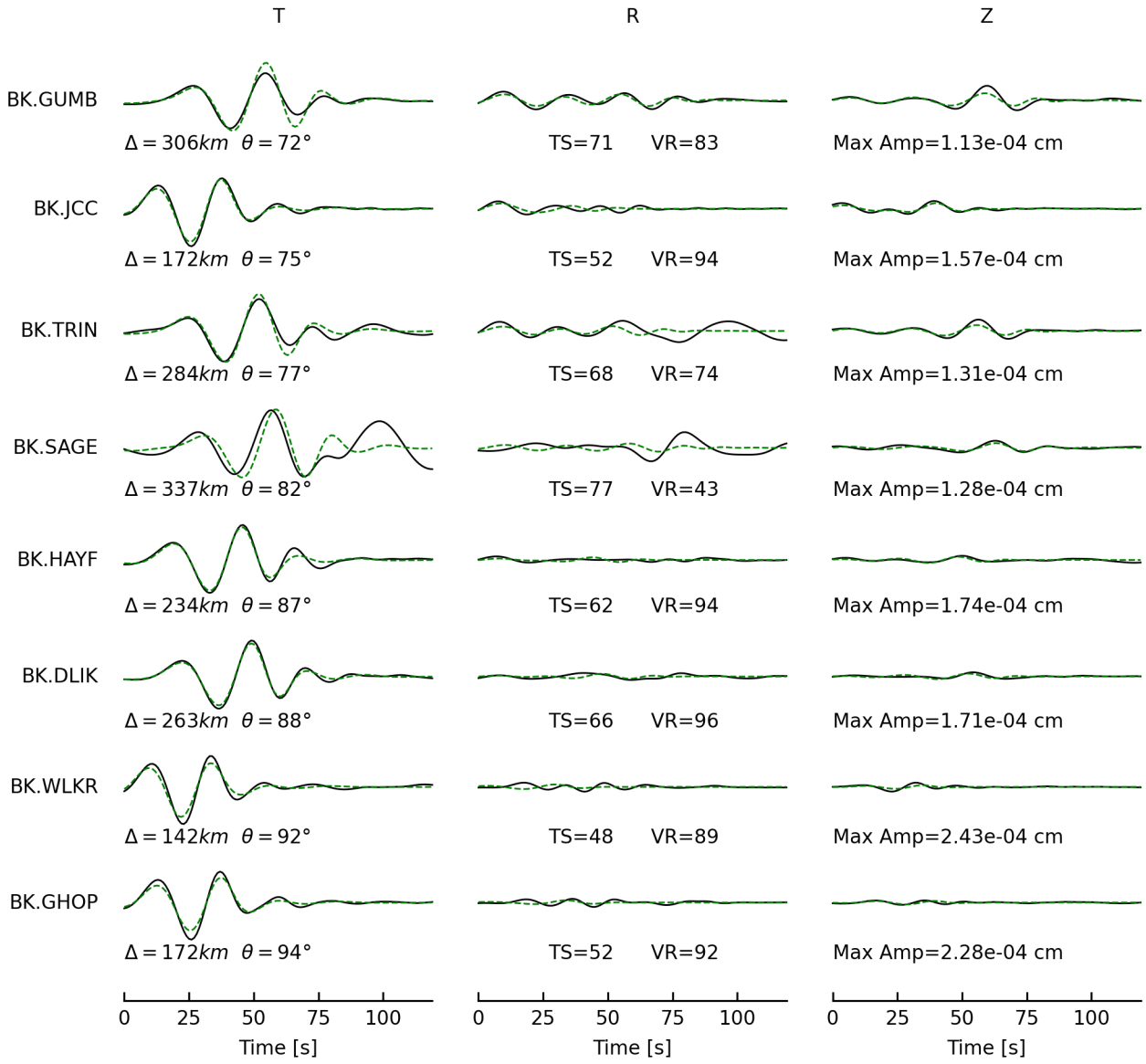

Tangential
Radial
Vertical
BK.GHOP
Δ=43 km θ = 110°
TS=37 (37) VR=0
Max Amp=2.24e-02 cm
BK.WLKR
Δ=14 km θ = 128°
TS=33 (33) VR=-4
Max Amp=2.73e-02 cm
BK.SPRL
Δ=70 km θ = 132°
TS=40 (40) VR=20
Max Amp=1.85e-02 cm
BK.ADAM
Δ=262 km θ = 135°
TS=65 (65) VR=8
Max Amp=1.89e-02 cm
NC.KCPC
Δ=112 km θ = 138°
TS=46 (46) VR=1
Max Amp=1.88e-02 cm
BK.USAL
Δ=83 km θ = 139°
TS=42 (42) VR=18
Max Amp=2.40e-02 cm
BK.ORRS
Δ=157 km θ = 146°
TS=47 (51) VR=9
Max Amp=1.87e-02 cm
BK.BONV
Δ=187 km θ = 149°
TS=55 (55) VR=8
Max Amp=1.41e-02 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

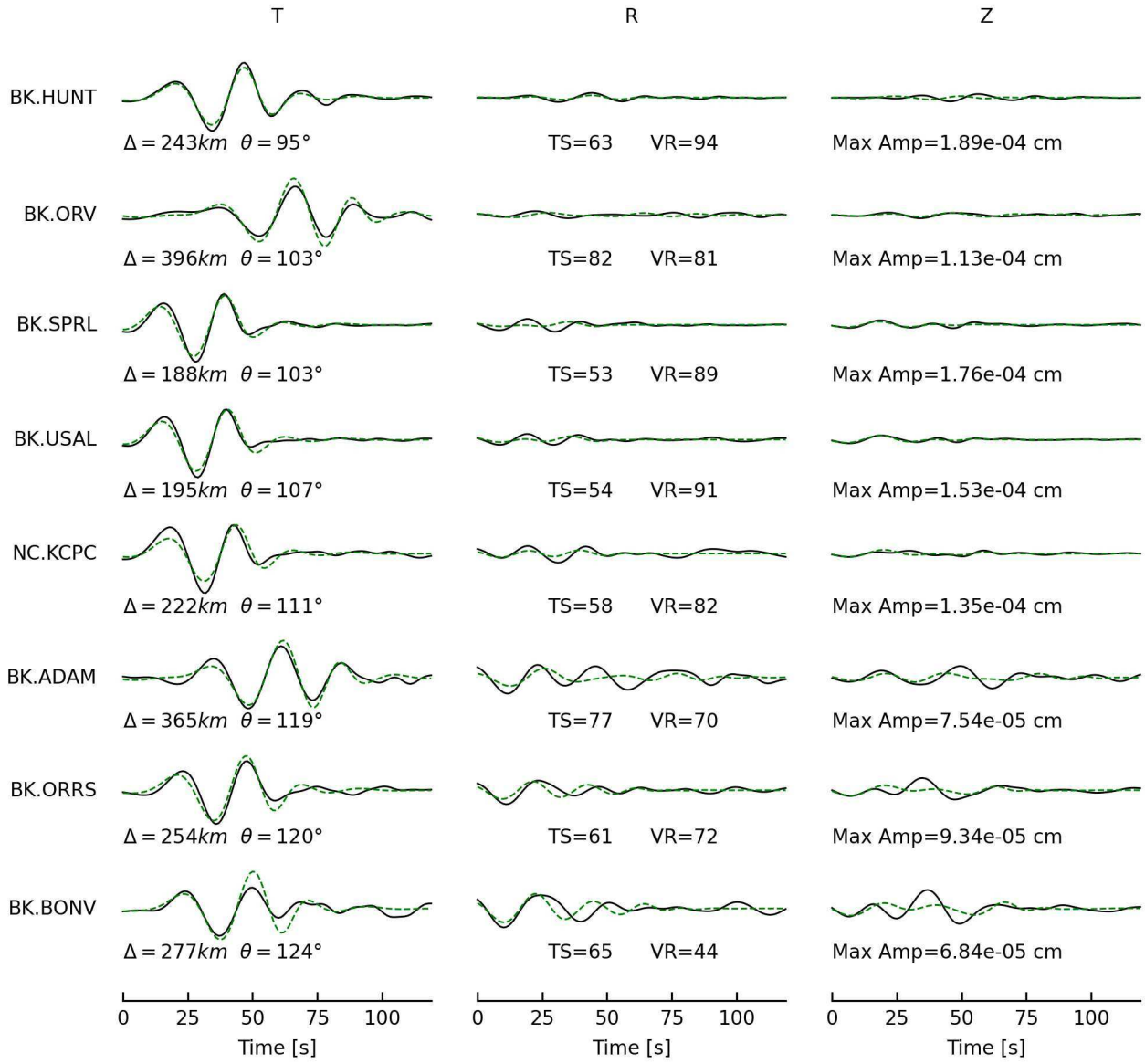

Tangential
Radial
Vertical
BK.HRCH
Δ=232 km θ = 153°
TS=61 (61) VR=5
Max Amp=1.16e-02 cm
0
25
50
75
100
Elapsed time (s)

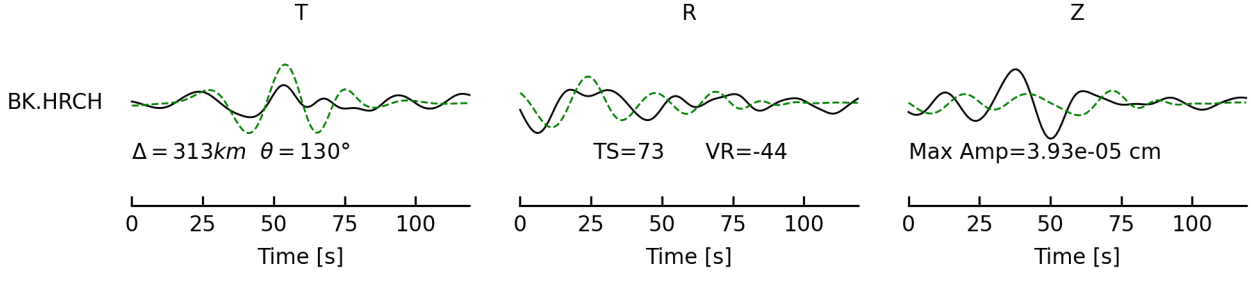
Deviatoric Moment Tensor Inversion
Evid = 75094936
Depth = 27.0 km
Mw = 4.37
M0 = 4.51e+22 dyne-cm
Percent DC/CLVD/ISO = 77/23/0
sdr = (91,85,160) (183,70,5)
npts = 120 vred = 7.692 km/s
VR = 58.55% lune:-6,0



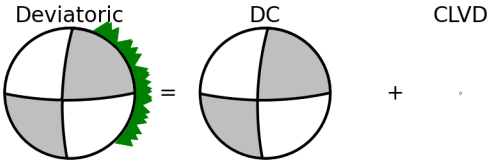


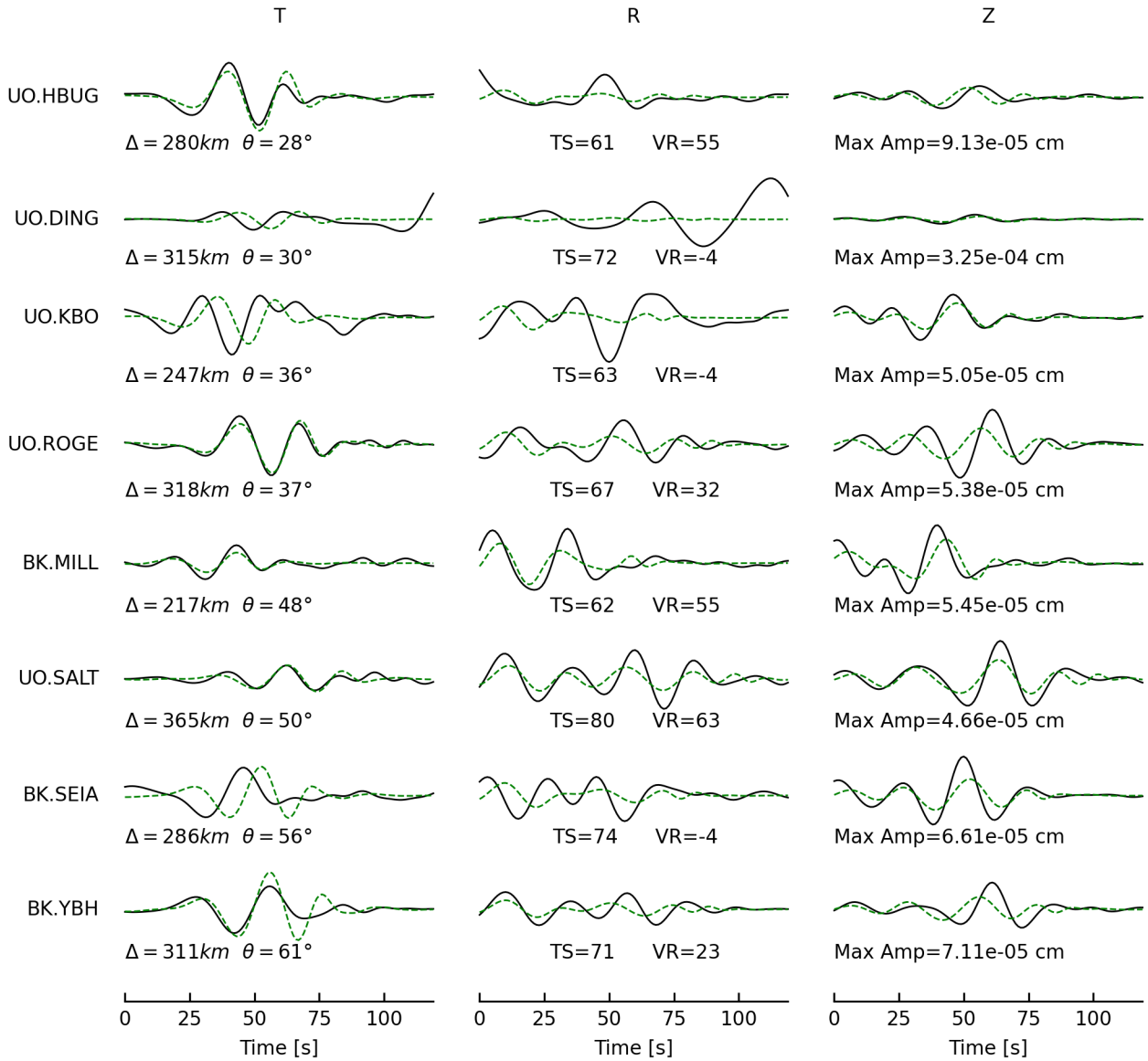

T
R
Z
BK.GUMB
Δ = 306km θ = 72°
TS=71 VR=83
Max Amp=1.13e-04 cm
BK.JCC
Δ = 172km θ = 75°
TS=52 VR=94
Max Amp=1.57e-04 cm
BK.TRIN
Δ = 284km θ = 77°
TS=68 VR=74
Max Amp=1.31e-04 cm
BK.SAGE
Δ = 337km θ = 82°
TS=77 VR=43
Max Amp=1.28e-04 cm
BK.HAYF
Δ = 234km θ = 87°
TS=62 VR=94
Max Amp=1.74e-04 cm
BK.DLIK
Δ = 263km θ = 88°
TS=66 VR=96
Max Amp=1.71e-04 cm
BK.WLKR
Δ = 142km θ = 92°
TS=48 VR=89
Max Amp=2.43e-04 cm
BK.GHOP
Δ = 172km θ = 94°
TS=52 VR=92
Max Amp=2.28e-04 cm
0 25 50 75 100
Time [s]

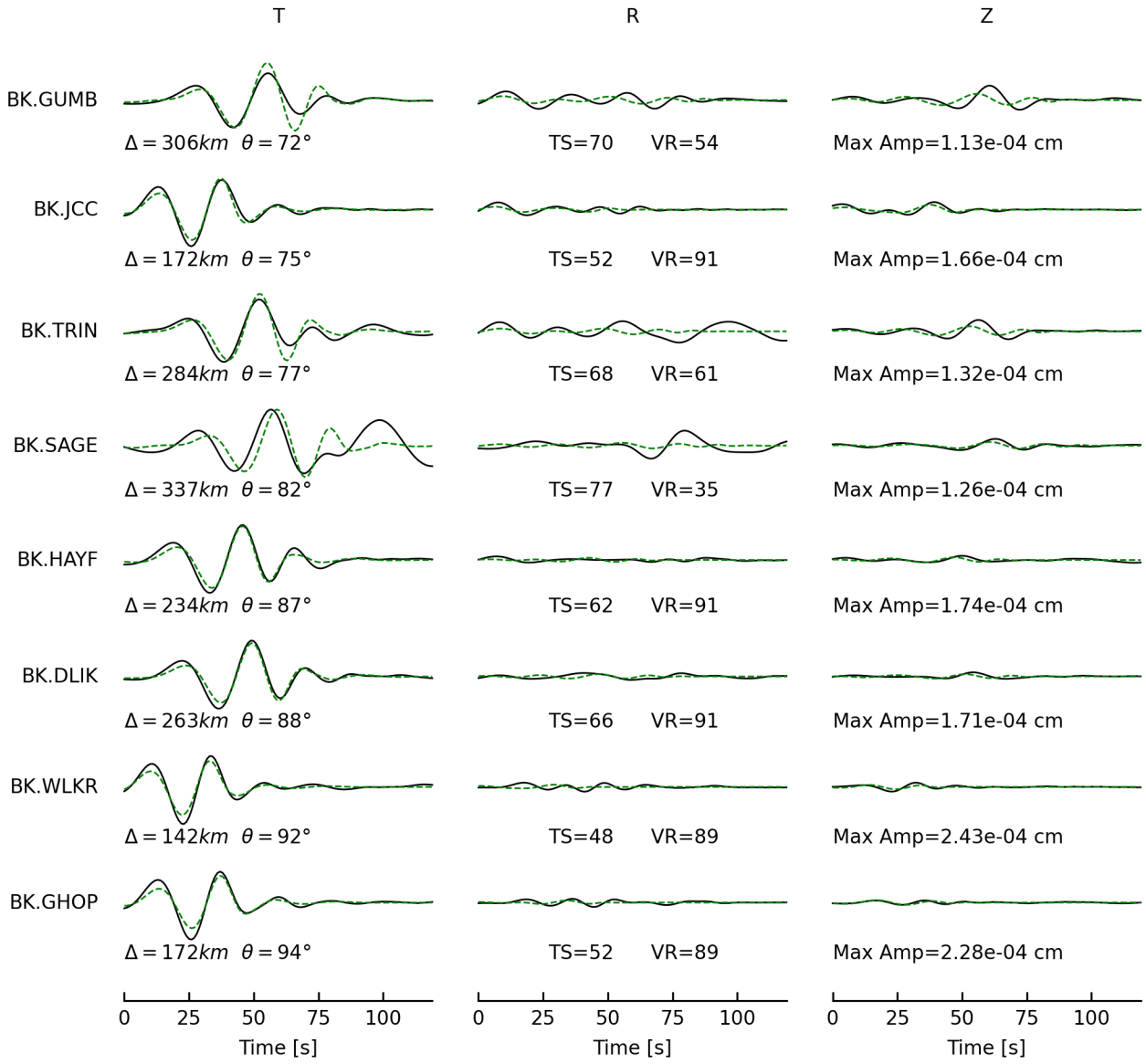

T
R
Z
BK.HUNT
Δ = 243km θ = 95°
TS=63 VR=94
Max Amp=1.89e-04 cm
BK.ORV
Δ = 396km θ = 103°
TS=82 VR=81
Max Amp=1.13e-04 cm
BK.SPRL
Δ = 188km θ = 103°
TS=53 VR=89
Max Amp=1.76e-04 cm
BK.USAL
Δ = 195km θ = 107°
TS=54 VR=91
Max Amp=1.53e-04 cm
NC.KCPC
Δ = 222km θ = 111°
TS=58 VR=82
Max Amp=1.35e-04 cm
BK.ADAM
Δ = 365km θ = 119°
TS=77 VR=70
Max Amp=7.54e-05 cm
BK.ORRS
Δ = 254km θ = 120°
TS=61 VR=72
Max Amp=9.34e-05 cm
BK.BONV
Δ = 277km θ = 124°
TS=65 VR=44
Max Amp=6.84e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

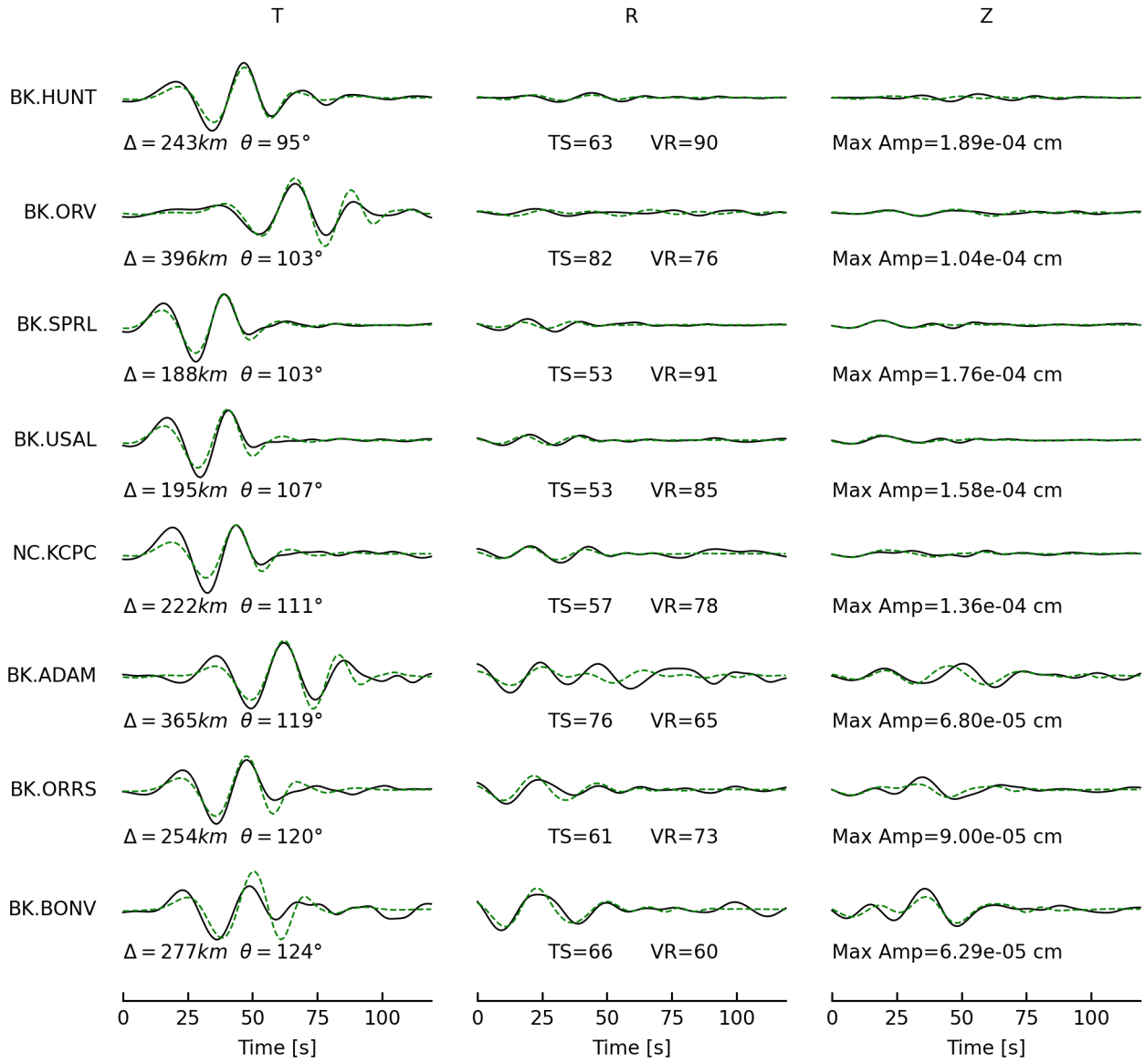

T
R
Z
BK.HRCH
Δ = 313km θ = 130°
TS=73 VR=-44
Max Amp=3.93e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

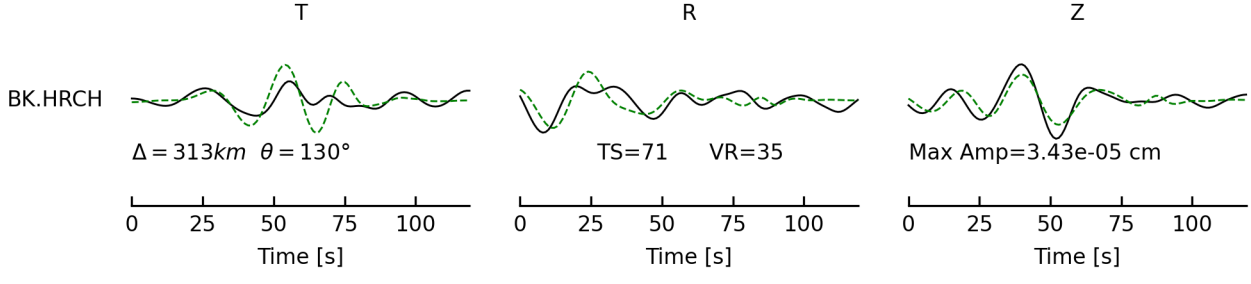
Deviatoric Moment Tensor Inversion
Evid = 75094936
Depth = 13.0 km
Mw = 4.21
M0 = 2.61e+22 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (90,78,167) (182,77,12)
npts = 120 vred = 7.692 km/s
VR = 49.89% lune:0,0



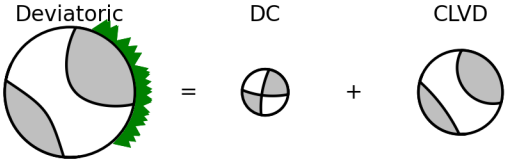


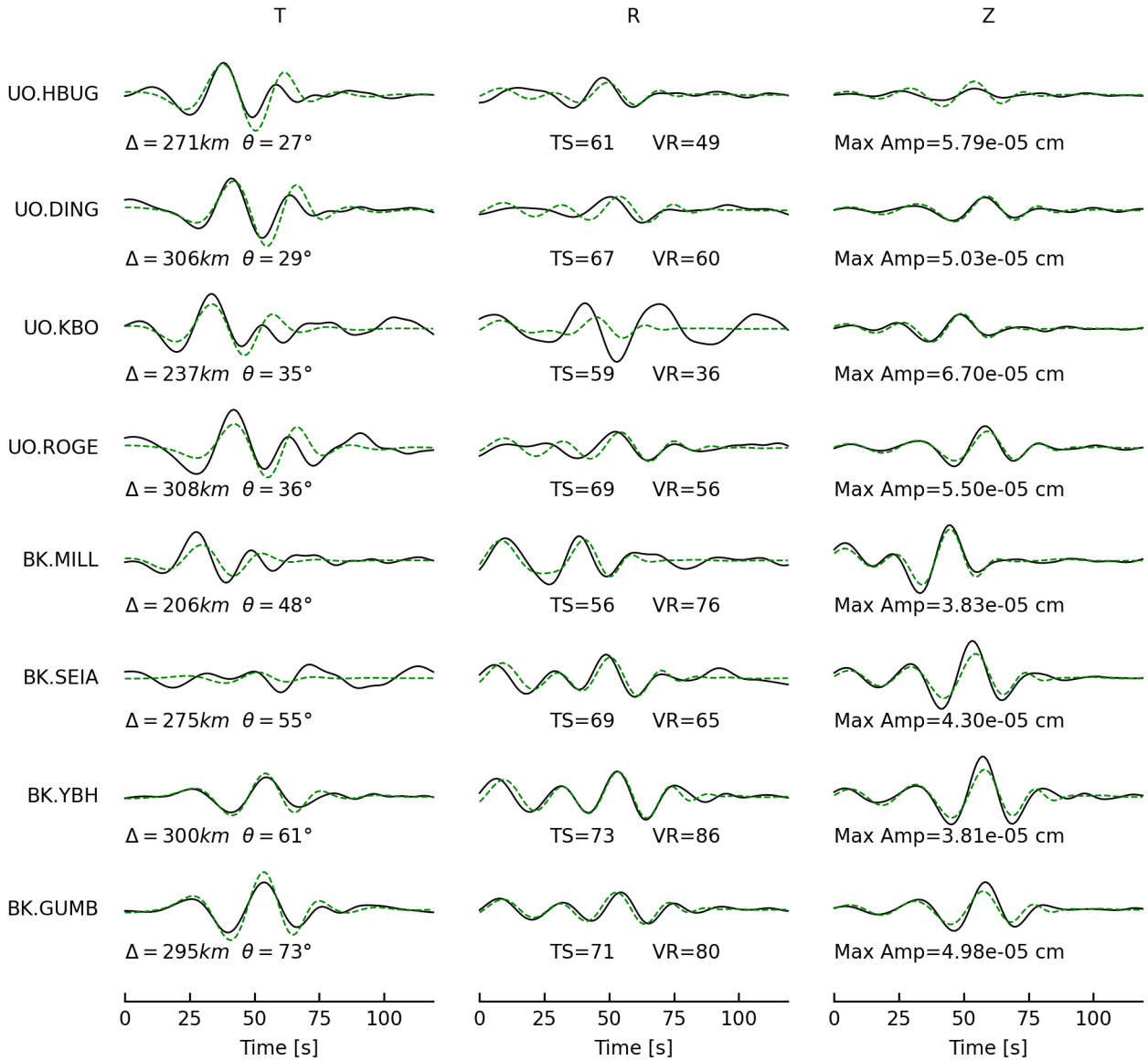

T
R
Z
BK.GUMB
Δ = 306km θ = 72°
TS=70 VR=54
Max Amp=1.13e-04 cm
BK.JCC
Δ = 172km θ = 75°
TS=52 VR=91
Max Amp=1.66e-04 cm
BK.TRIN
Δ = 284km θ = 77°
TS=68 VR=61
Max Amp=1.32e-04 cm
BK.SAGE
Δ = 337km θ = 82°
TS=77 VR=35
Max Amp=1.26e-04 cm
BK.HAYF
Δ = 234km θ = 87°
TS=62 VR=91
Max Amp=1.74e-04 cm
BK.DLIK
Δ = 263km θ = 88°
TS=66 VR=91
Max Amp=1.71e-04 cm
BK.WLKR
Δ = 142km θ = 92°
TS=48 VR=89
Max Amp=2.43e-04 cm
BK.GHOP
Δ = 172km θ = 94°
TS=52 VR=89
Max Amp=2.28e-04 cm
0 25 50 75 100
Time [s]

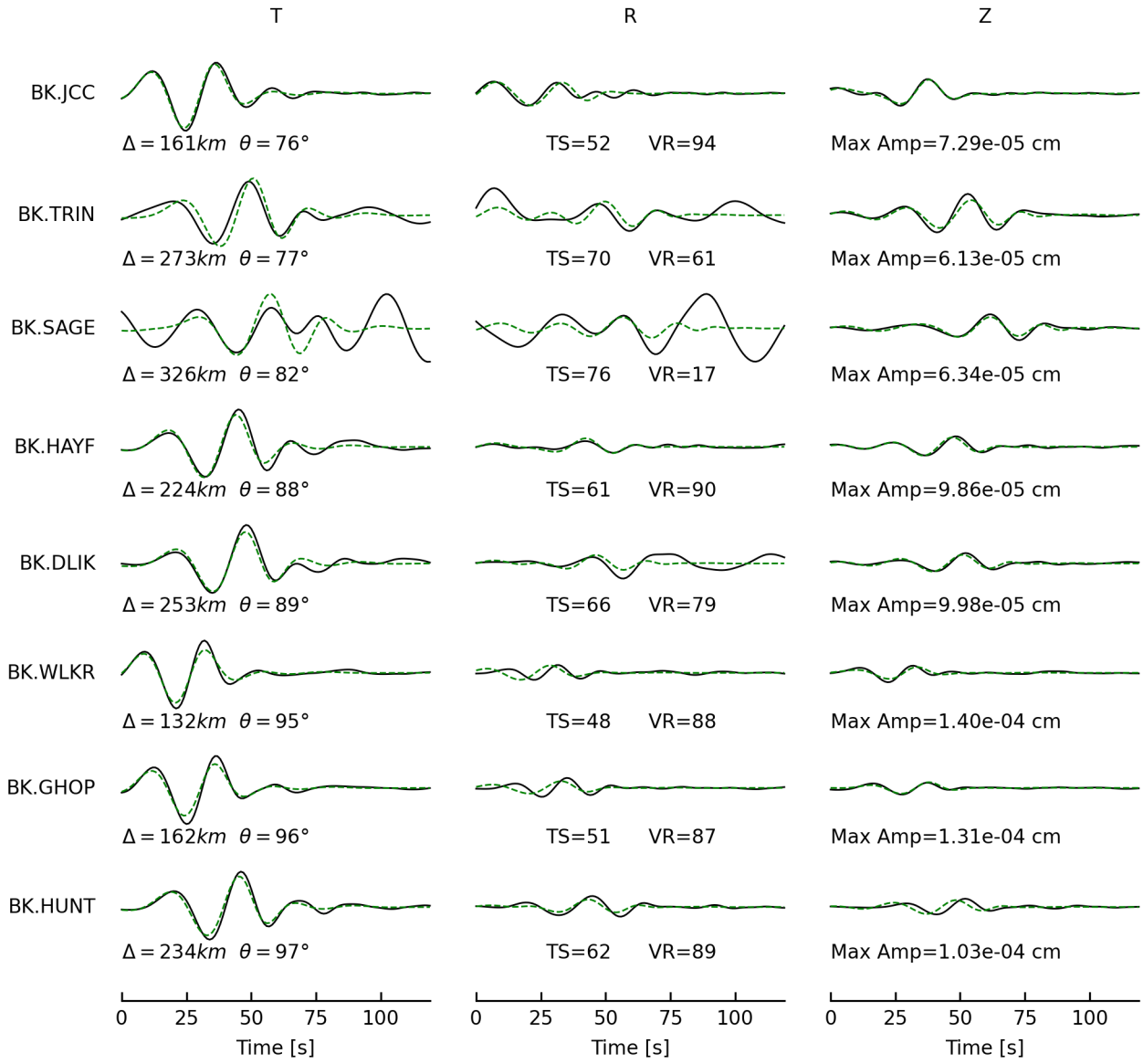

T
R
Z
BK.HUNT
Δ = 243km θ = 95°
TS=63 VR=90
Max Amp=1.89e-04 cm
BK.ORV
Δ = 396km θ = 103°
TS=82 VR=76
Max Amp=1.04e-04 cm
BK.SPRL
Δ = 188km θ = 103°
TS=53 VR=91
Max Amp=1.76e-04 cm
BK.USAL
Δ = 195km θ = 107°
TS=53 VR=85
Max Amp=1.58e-04 cm
NC.KCPC
Δ = 222km θ = 111°
TS=57 VR=78
Max Amp=1.36e-04 cm
BK.ADAM
Δ = 365km θ = 119°
TS=76 VR=65
Max Amp=6.80e-05 cm
BK.ORRS
Δ = 254km θ = 120°
TS=61 VR=73
Max Amp=9.00e-05 cm
BK.BONV
Δ = 277km θ = 124°
TS=66 VR=60
Max Amp=6.29e-05 cm
0 25 50 75 100
Time [s]

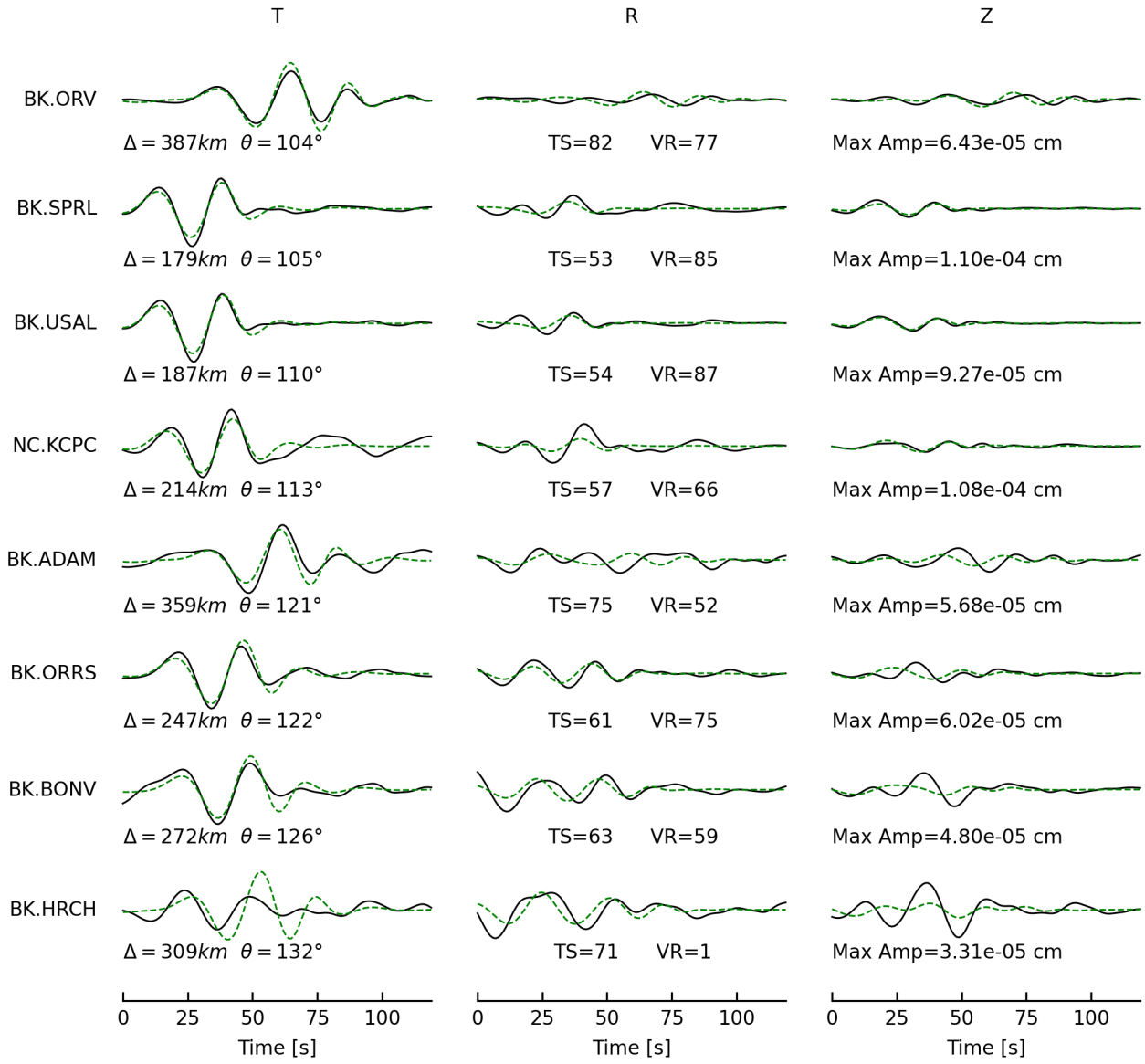

T
R
Z
BK.HRCH
Δ = 313km θ = 130°
TS=71 VR=35
Max Amp=3.43e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75094976
Depth = 27.0 km
Mw = 4.20
M0 = 2.52e+22 dyne-cm
Percent DC/CLVD/ISO = 35/65/0
sdr = (96,74,165) (190,76,17)
npts = 120 vred = 7.692 km/s
VR = 67.31% lune:-18,0

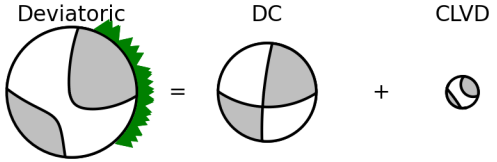


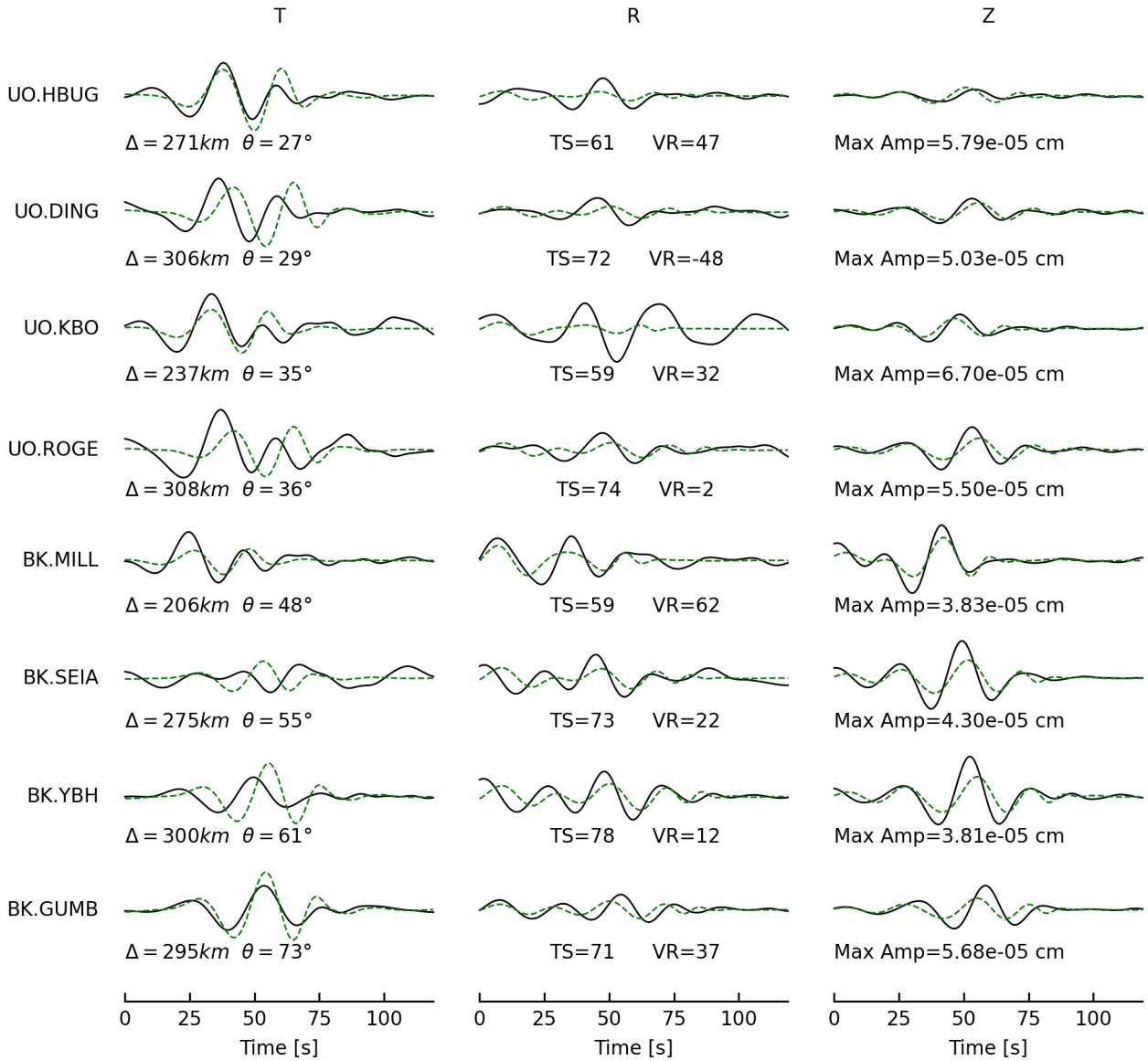


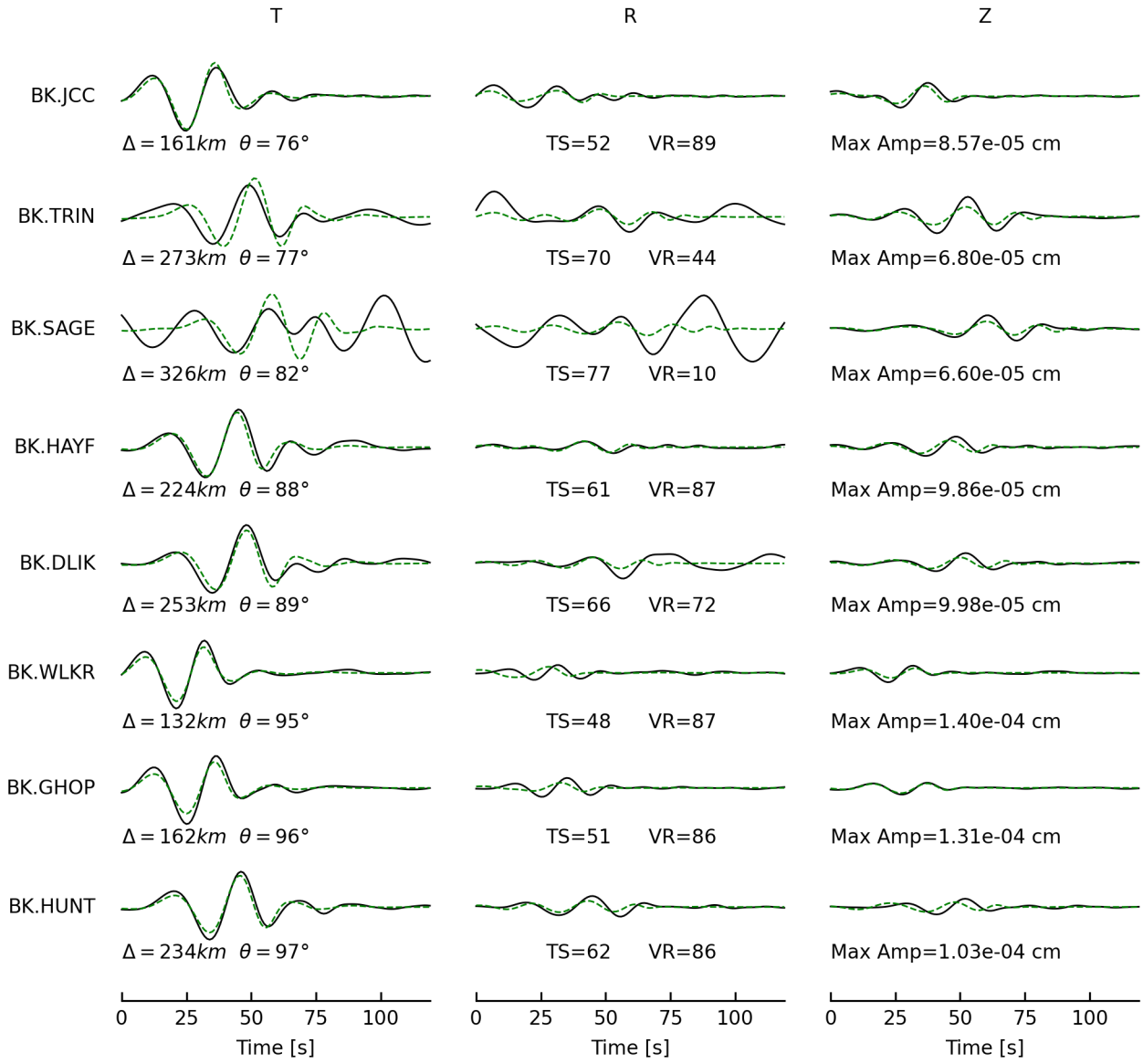

T
R
Z
BK.JCC
Δ = 161km θ = 76°
TS=52 VR=94
Max Amp=7.29e-05 cm
BK.TRIN
Δ = 273km θ = 77°
TS=70 VR=61
Max Amp=6.13e-05 cm
BK.SAGE
Δ = 326km θ = 82°
TS=76 VR=17
Max Amp=6.34e-05 cm
BK.HAYF
Δ = 224km θ = 88°
TS=61 VR=90
Max Amp=9.86e-05 cm
BK.DLIK
Δ = 253km θ = 89°
TS=66 VR=79
Max Amp=9.98e-05 cm
BK.WLKR
Δ = 132km θ = 95°
TS=48 VR=88
Max Amp=1.40e-04 cm
BK.GHOP
Δ = 162km θ = 96°
TS=51 VR=87
Max Amp=1.31e-04 cm
BK.HUNT
Δ = 234km θ = 97°
TS=62 VR=89
Max Amp=1.03e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

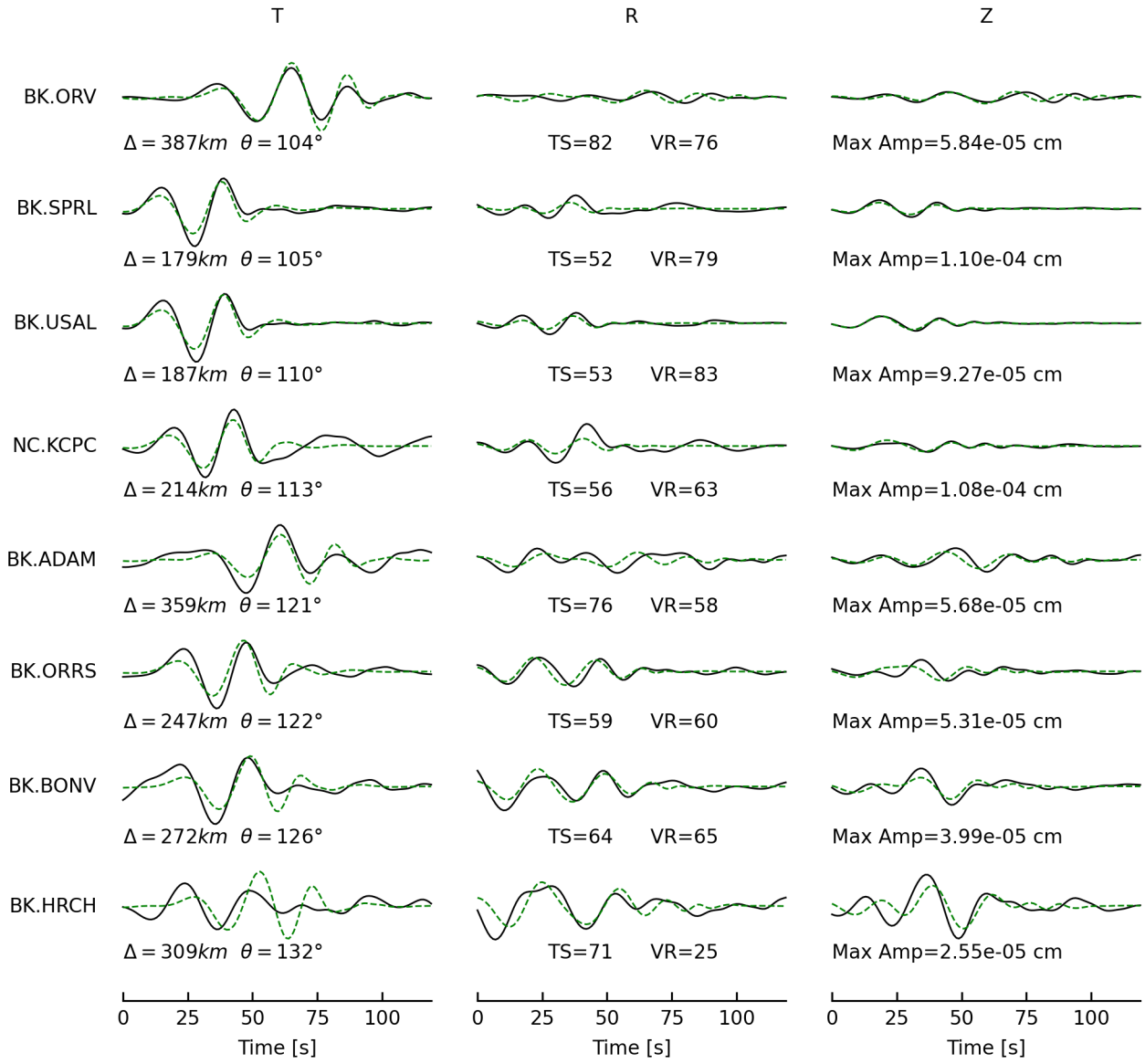

T
R
Z
BK.ORV
Δ = 387km θ = 104°
TS=82 VR=77
Max Amp=6.43e-05 cm
BK.SPRL
Δ = 179km θ = 105°
TS=53 VR=85
Max Amp=1.10e-04 cm
BK.USAL
Δ = 187km θ = 110°
TS=54 VR=87
Max Amp=9.27e-05 cm
NC.KCPC
Δ = 214km θ = 113°
TS=57 VR=66
Max Amp=1.08e-04 cm
BK.ADAM
Δ = 359km θ = 121°
TS=75 VR=52
Max Amp=5.68e-05 cm
BK.ORRS
Δ = 247km θ = 122°
TS=61 VR=75
Max Amp=6.02e-05 cm
BK.BONV
Δ = 272km θ = 126°
TS=63 VR=59
Max Amp=4.80e-05 cm
BK.HRCH
Δ = 309km θ = 132°
TS=71 VR=1
Max Amp=3.31e-05 cm
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75094976
Depth = 11.0 km
Mw = 4.06
M0 = 1.52e+22 dyne-cm
Percent DC/CLVD/ISO = 75/25/0
sdr = (91,57,171) (186,82,34)
npts = 120 vred = 7.692 km/s
VR = 57.06% lune:-6,0

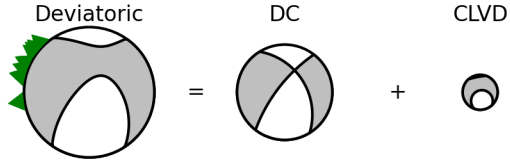


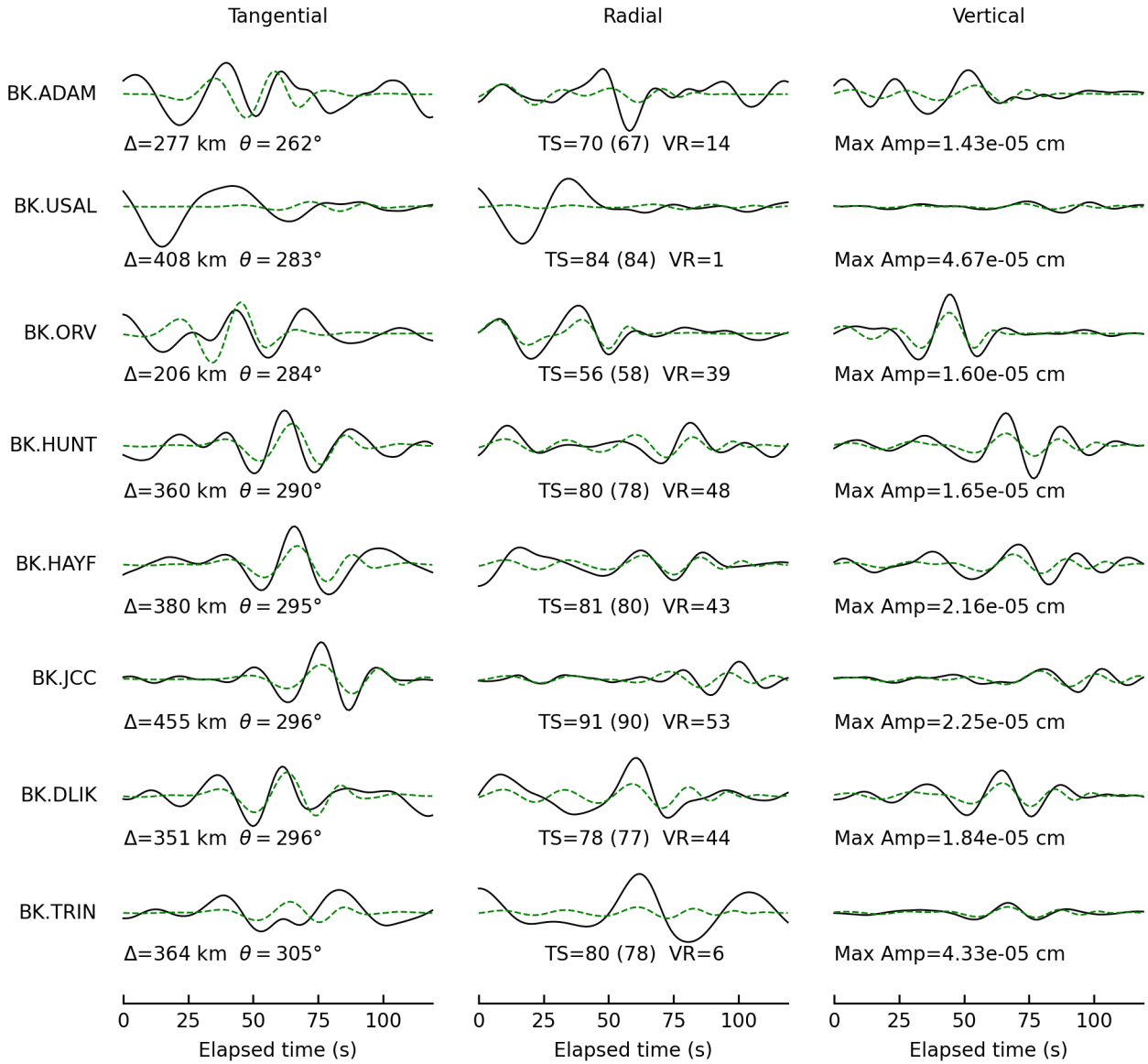


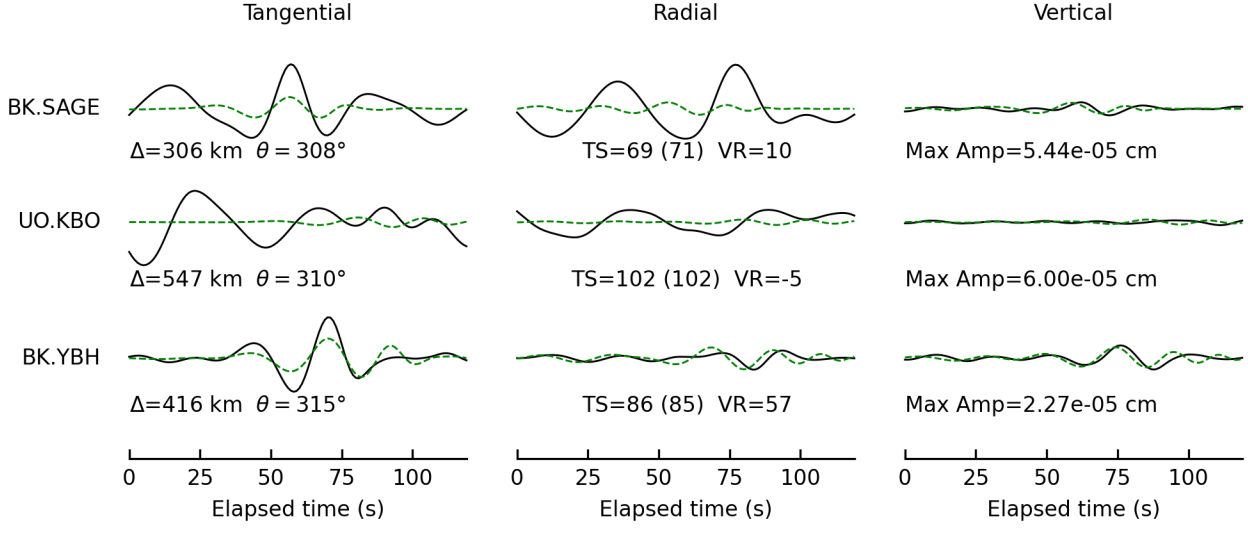

T
R
Z
BK.JCC
Δ = 161km θ = 76°
TS=52 VR=89
Max Amp=8.57e-05 cm
BK.TRIN
Δ = 273km θ = 77°
TS=70 VR=44
Max Amp=6.80e-05 cm
BK.SAGE
Δ = 326km θ = 82°
TS=77 VR=10
Max Amp=6.60e-05 cm
BK.HAYF
Δ = 224km θ = 88°
TS=61 VR=87
Max Amp=9.86e-05 cm
BK.DLIK
Δ = 253km θ = 89°
TS=66 VR=72
Max Amp=9.98e-05 cm
BK.WLKR
Δ = 132km θ = 95°
TS=48 VR=87
Max Amp=1.40e-04 cm
BK.GHOP
Δ = 162km θ = 96°
TS=51 VR=86
Max Amp=1.31e-04 cm
BK.HUNT
Δ = 234km θ = 97°
TS=62 VR=86
Max Amp=1.03e-04 cm
0 25 50 75 100
Time [s]


T
R
Z
BK.ORV
Δ = 387km θ = 104°
TS=82 VR=76
Max Amp=5.84e-05 cm
BK.SPRL
Δ = 179km θ = 105°
TS=52 VR=79
Max Amp=1.10e-04 cm
BK.USAL
Δ = 187km θ = 110°
TS=53 VR=83
Max Amp=9.27e-05 cm
NC.KCPC
Δ = 214km θ = 113°
TS=56 VR=63
Max Amp=1.08e-04 cm
BK.ADAM
Δ = 359km θ = 121°
TS=76 VR=58
Max Amp=5.68e-05 cm
BK.ORRS
Δ = 247km θ = 122°
TS=59 VR=60
Max Amp=5.31e-05 cm
BK.BONV
Δ = 272km θ = 126°
TS=64 VR=65
Max Amp=3.99e-05 cm
BK.HRCH
Δ = 309km θ = 132°
TS=71 VR=25
Max Amp=2.55e-05 cm
0 25 50 75 100
Time [s]

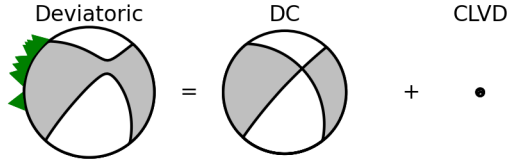
Deviatoric Moment Tensor Inversion
Evid = 75095151
Depth = 16.0 km
Mw = 3.71
M0 = 4.60e+21 dyne-cm
Percent DC/CLVD/ISO = 73/27/0
sdr = (218,73,-51) (328,42,-153)
npts = 120 vred = 7.692 km/s
VR = 5.15% lune:7,0

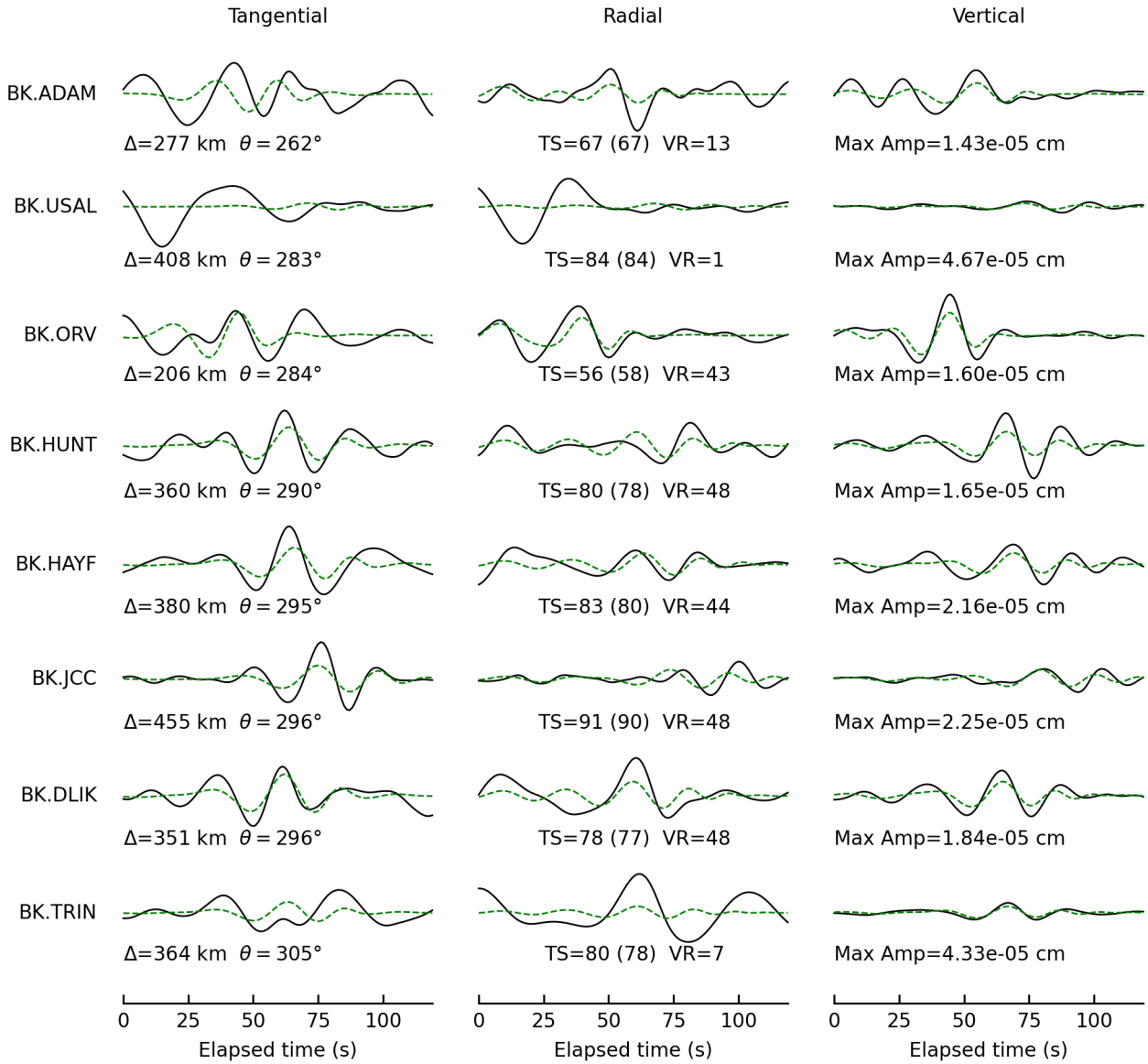


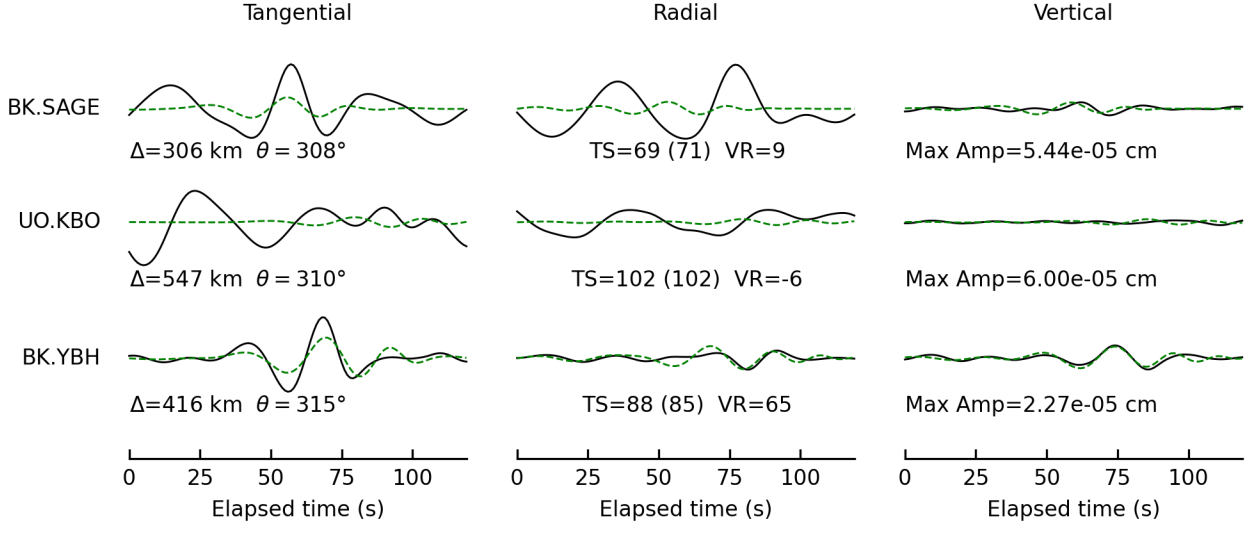



Tangential
Radial
Vertical
BK.SAGE
Δ=306 km θ = 308°
TS=69 (71) VR=10
Max Amp=5.44e-05 cm
UO.KBO
Δ=547 km θ = 310°
TS=102 (102) VR=-5
Max Amp=6.00e-05 cm
BK.YBH
Δ=416 km θ = 315°
TS=86 (85) VR=57
Max Amp=2.27e-05 cm
0 25 50 75 100
Elapsed time (s)

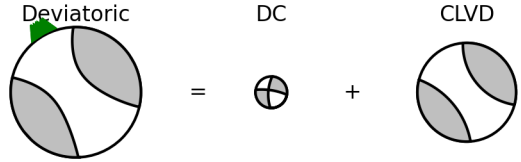
Deviatoric Moment Tensor Inversion
Evid = 75095151
Depth = 26.0 km
Mw = 3.81
M0 = 6.45e+21 dyne-cm
Percent DC/CLVD/ISO = 94/6/0
sdr = (223,82,-51) (322,40,-168)
npts = 120 vred = 7.692 km/s
VR = 4.93% lune:1,0

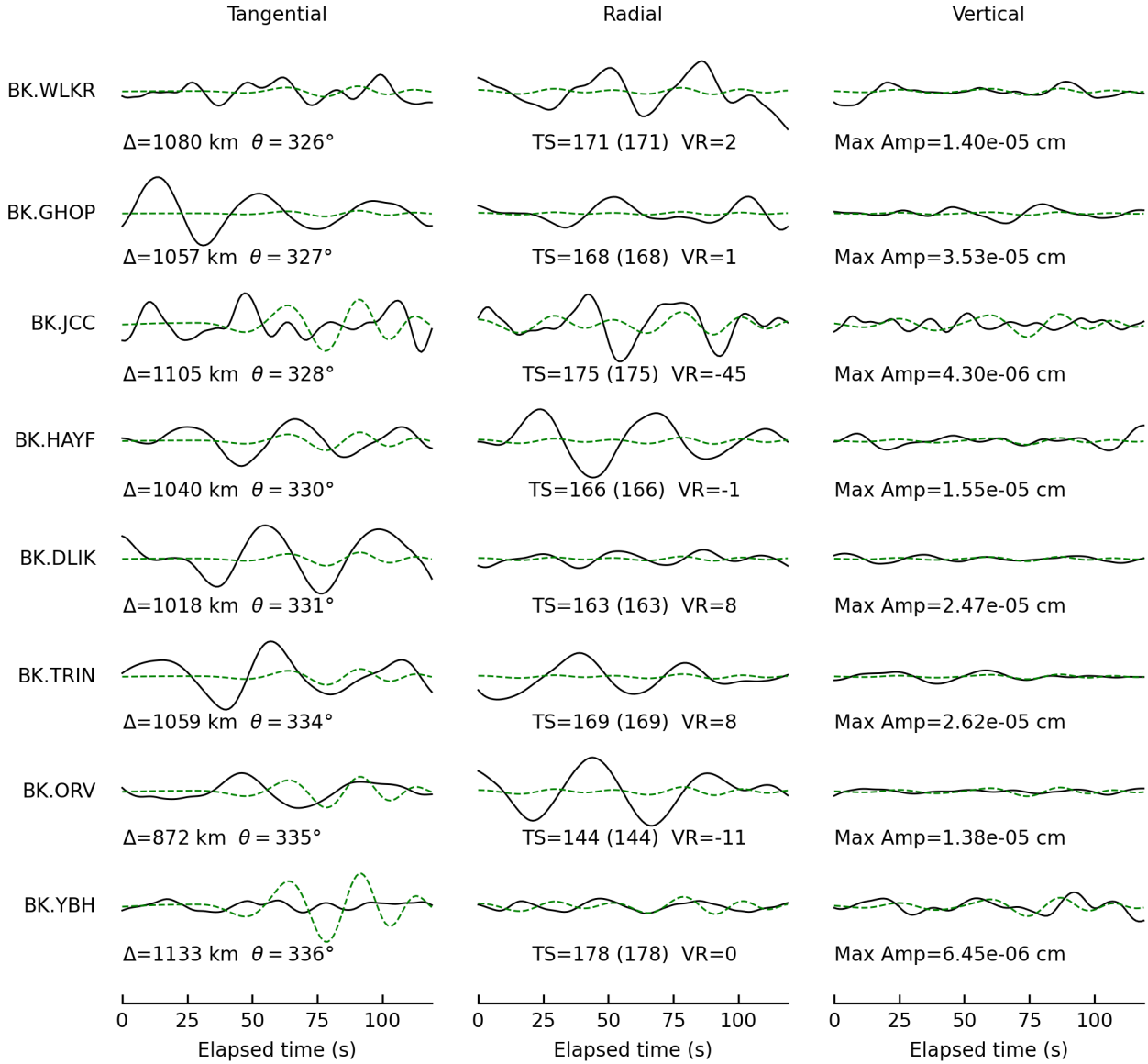


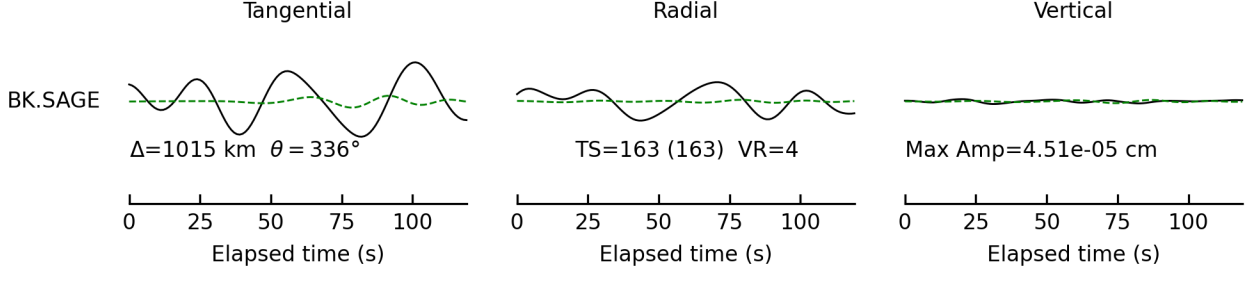



Tangential
Radial
Vertical
BK.SAGE
Δ=306 km θ = 308°
TS=69 (71) VR=9
Max Amp=5.44e-05 cm
UO.KBO
Δ=547 km θ = 310°
TS=102 (102) VR=-6
Max Amp=6.00e-05 cm
BK.YBH
Δ=416 km θ = 315°
TS=88 (85) VR=65
Max Amp=2.27e-05 cm
0 25 50 75 100
Elapsed time (s)

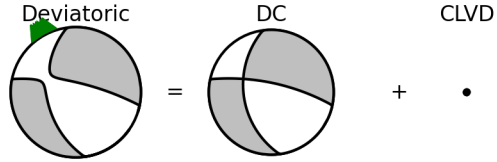
Deviatoric Moment Tensor Inversion
Evid = 75095621
Depth = 39.0 km
Mw = 3.89
M0 = 8.37e+21 dyne-cm
Percent DC/CLVD/ISO = 24/76/0
sdr = (279,76,-158) (183,69,-15)
npts = 120 vred = 7.692 km/s
VR = 2.80% lune:-22,0

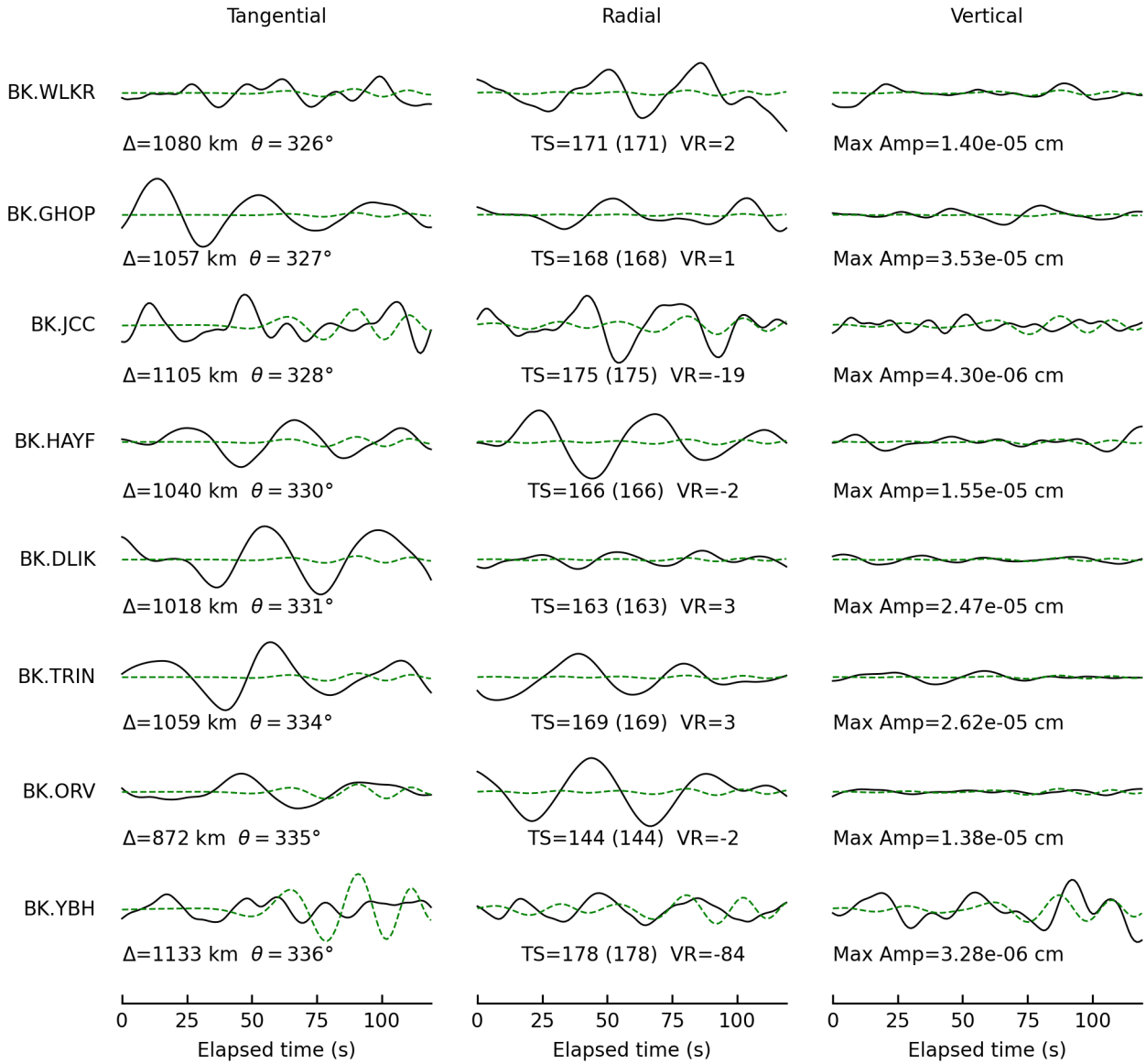


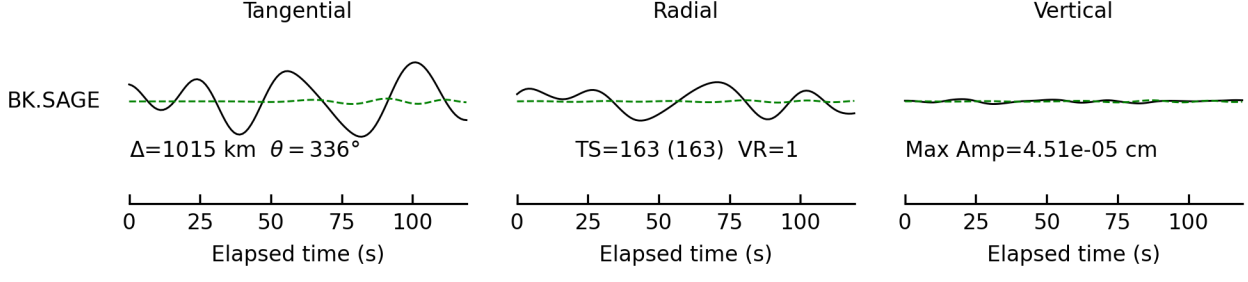



Tangential
Radial
Vertical
BK.SAGE
Δ=1015 km θ = 336°
TS=163 (163) VR=4
Max Amp=4.51e-05 cm
0
25
50
75
100
Elapsed time (s)

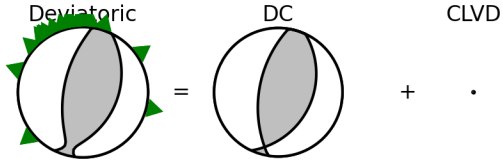
Deviatoric Moment Tensor Inversion
Evid = 75095621
Depth = 11.0 km
Mw = 3.47
M0 = 1.98e+21 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (172,42,-26) (282,73,-129)
npts = 120 vred = 7.692 km/s
VR = 0.89% lune:-1,0

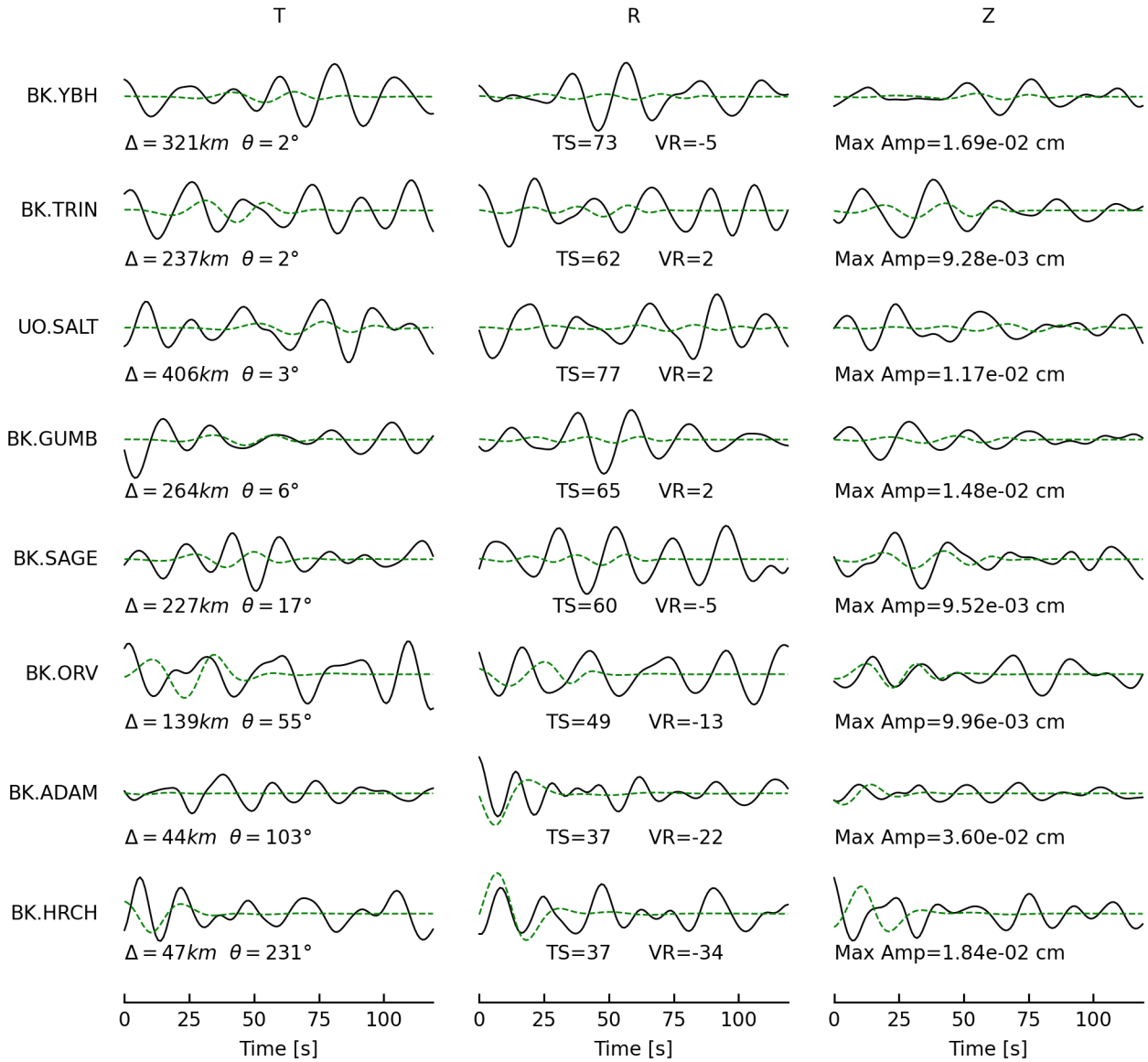


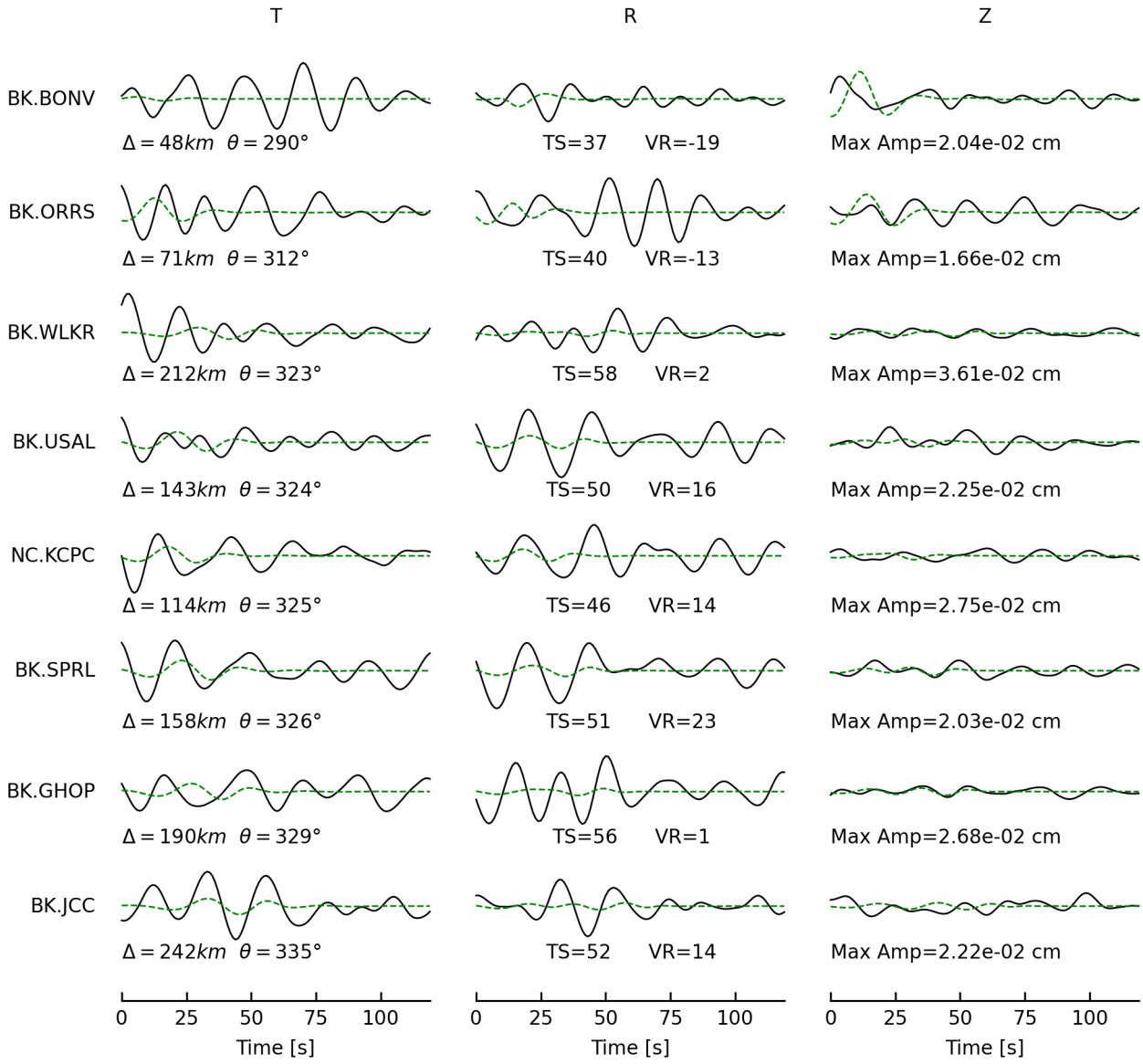


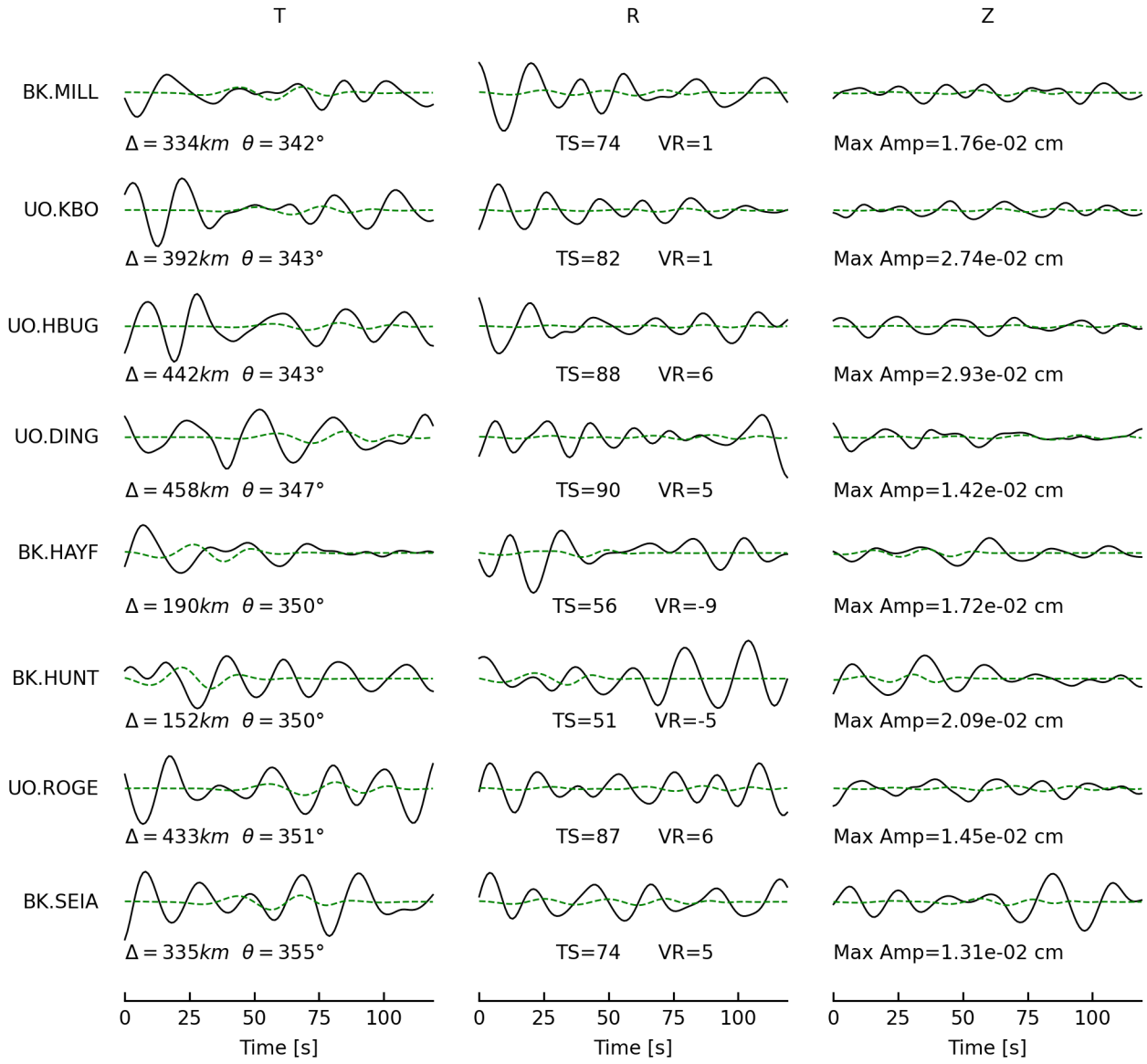

Tangential
Radial
Vertical
BK.SAGE
Δ=1015 km θ = 336°
TS=163 (163) VR=1
Max Amp=4.51e-05 cm
0
25
50
75
100
Elapsed time (s)

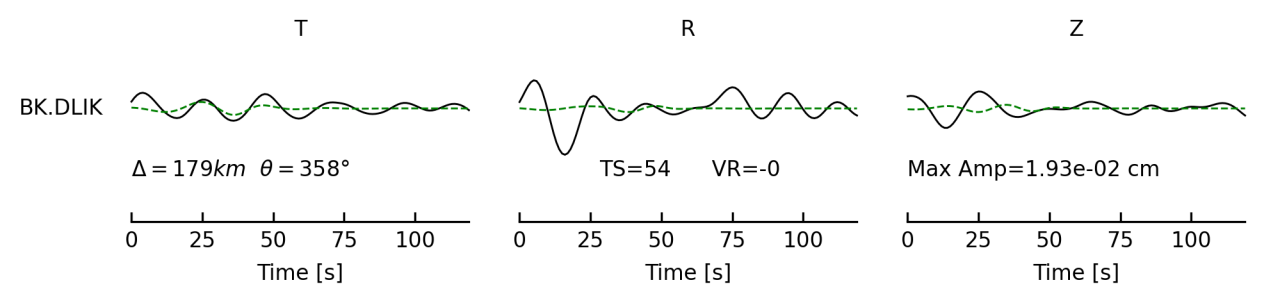
Deviatoric Moment Tensor Inversion
Evid = 75095671
Depth = 24.0 km
Mw = 5.53
M0 = 2.47e+24 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (189,57,81) (25,34,103)
npts = 120 vred = 7.692 km/s
VR = 3.33% lune:0,0



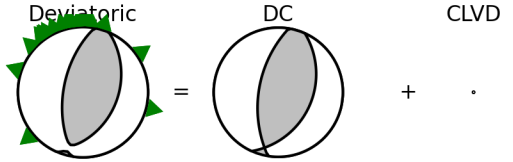


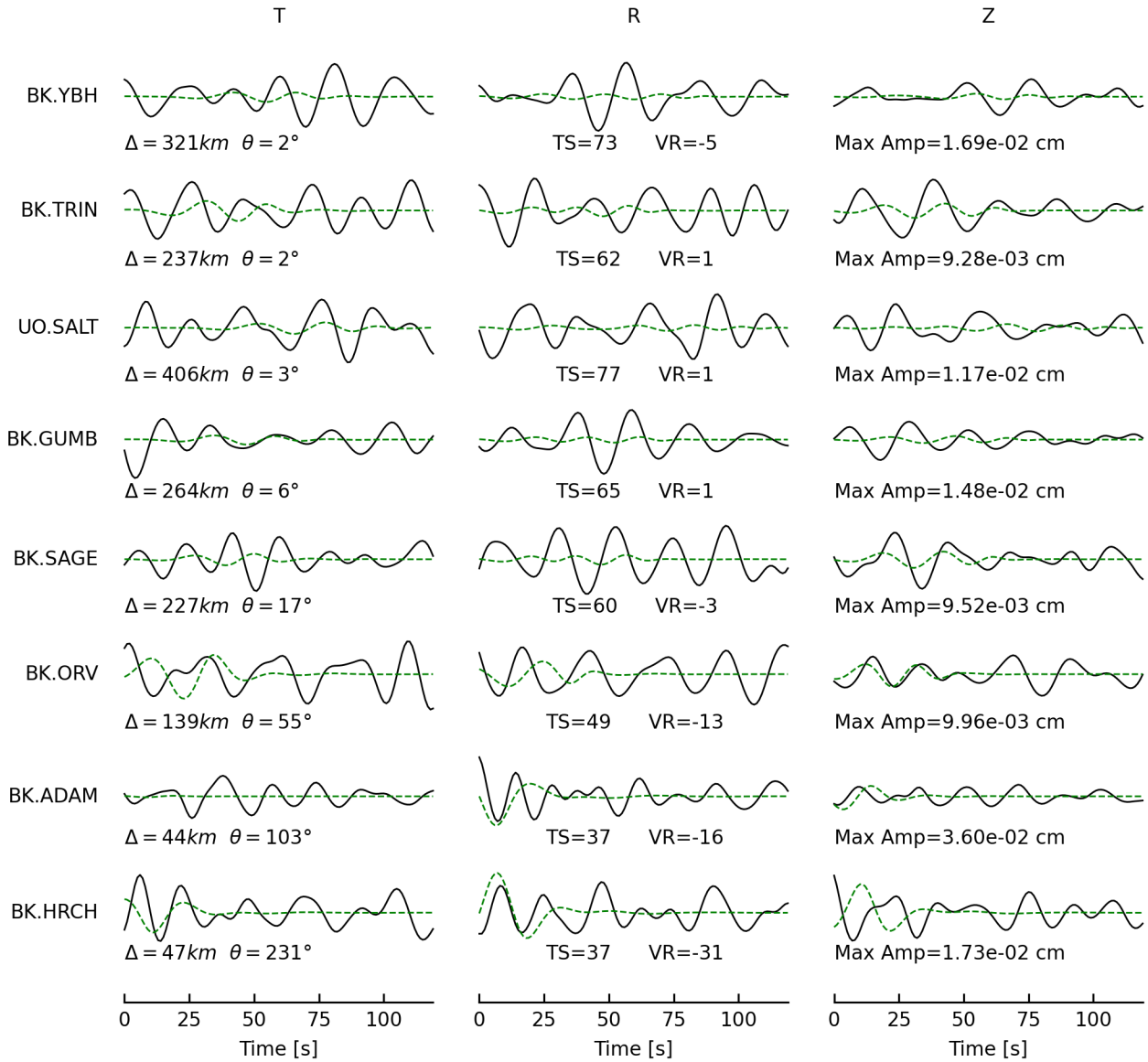

T
R
Z
BK.BONV
Δ = 48km θ = 290°
TS=37 VR=-19
Max Amp=2.04e-02 cm
BK.ORRS
Δ = 71km θ = 312°
TS=40 VR=-13
Max Amp=1.66e-02 cm
BK.WLKR
Δ = 212km θ = 323°
TS=58 VR=2
Max Amp=3.61e-02 cm
BK.USAL
Δ = 143km θ = 324°
TS=50 VR=16
Max Amp=2.25e-02 cm
NC.KCPC
Δ = 114km θ = 325°
TS=46 VR=14
Max Amp=2.75e-02 cm
BK.SPRL
Δ = 158km θ = 326°
TS=51 VR=23
Max Amp=2.03e-02 cm
BK.GHOP
Δ = 190km θ = 329°
TS=56 VR=1
Max Amp=2.68e-02 cm
BK.JCC
Δ = 242km θ = 335°
TS=52 VR=14
Max Amp=2.22e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

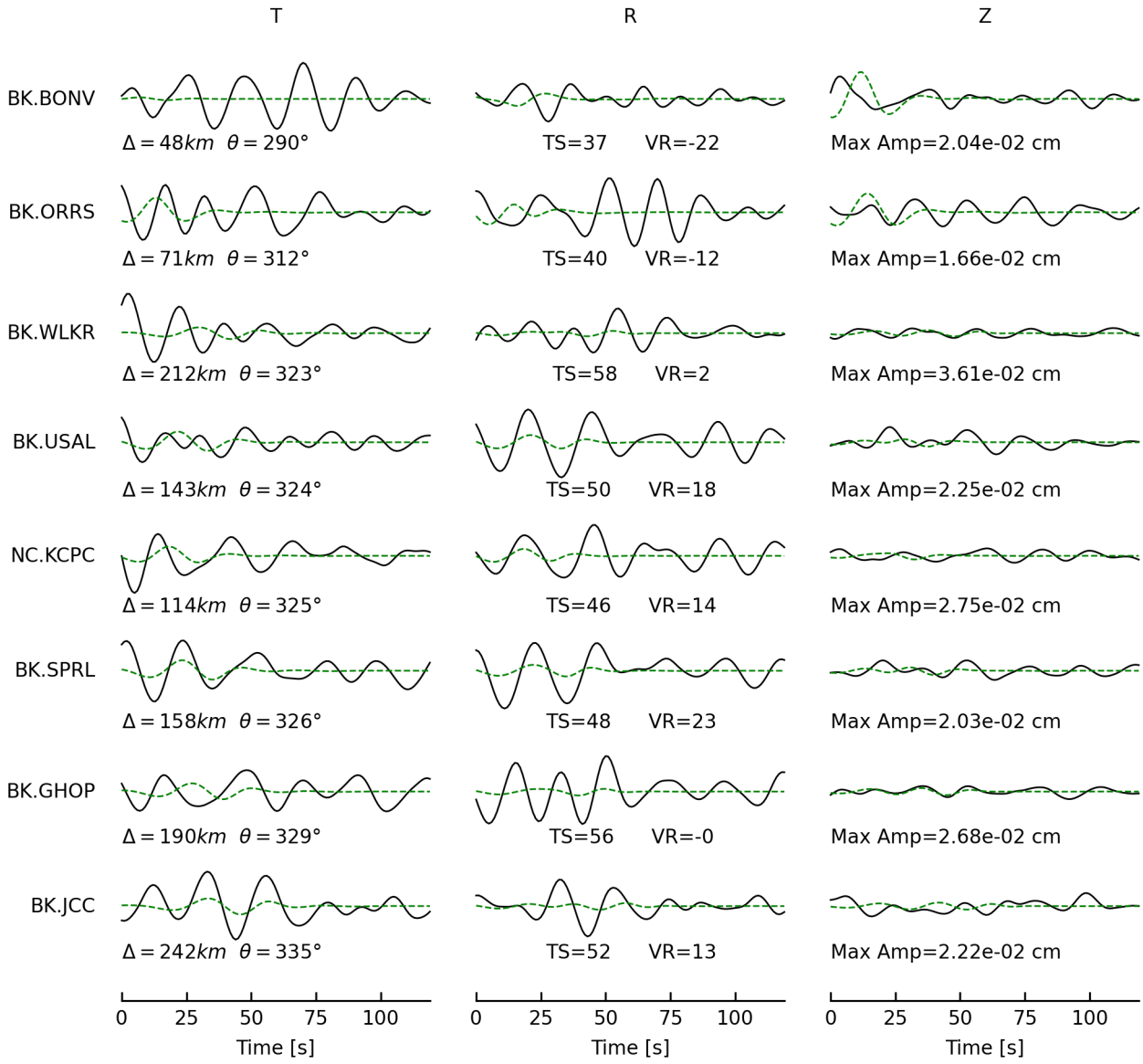

T
R
Z
BK.MILL
Δ = 334km θ = 342°
TS=74 VR=1
Max Amp=1.76e-02 cm
UO.KBO
Δ = 392km θ = 343°
TS=82 VR=1
Max Amp=2.74e-02 cm
UO.HBUG
Δ = 442km θ = 343°
TS=88 VR=6
Max Amp=2.93e-02 cm
UO.DING
Δ = 458km θ = 347°
TS=90 VR=5
Max Amp=1.42e-02 cm
BK.HAYF
Δ = 190km θ = 350°
TS=56 VR=-9
Max Amp=1.72e-02 cm
BK.HUNT
Δ = 152km θ = 350°
TS=51 VR=-5
Max Amp=2.09e-02 cm
UO.ROGE
Δ = 433km θ = 351°
TS=87 VR=6
Max Amp=1.45e-02 cm
BK.SEIA
Δ = 335km θ = 355°
TS=74 VR=5
Max Amp=1.31e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

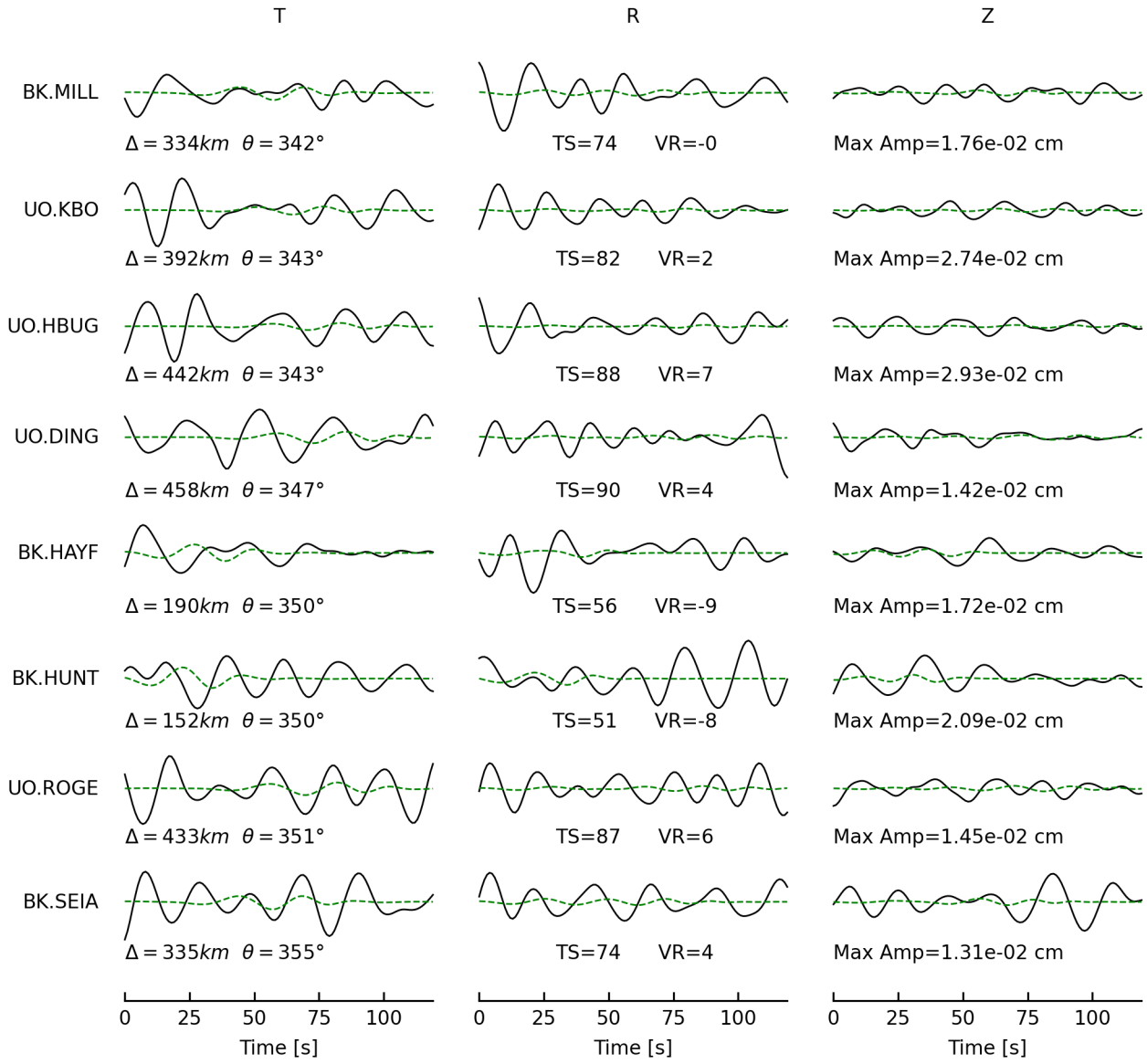

T
R
Z
BK.DLIK
Δ = 179km θ = 358°
TS=54 VR=-0
Max Amp=1.93e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

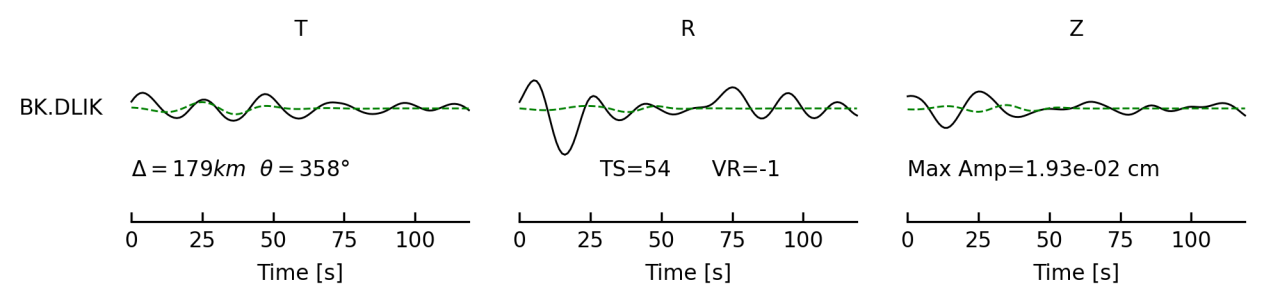
Deviatoric Moment Tensor Inversion
Evid = 75095671
Depth = 28.0 km
Mw = 5.58
M0 = 2.94e+24 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (189,56,82) (24,34,102)
npts = 120 vred = 7.692 km/s
VR = 3.20% lune:0,0



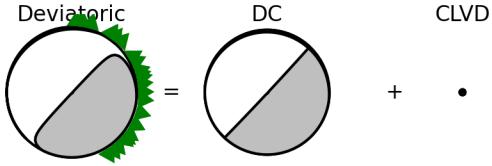


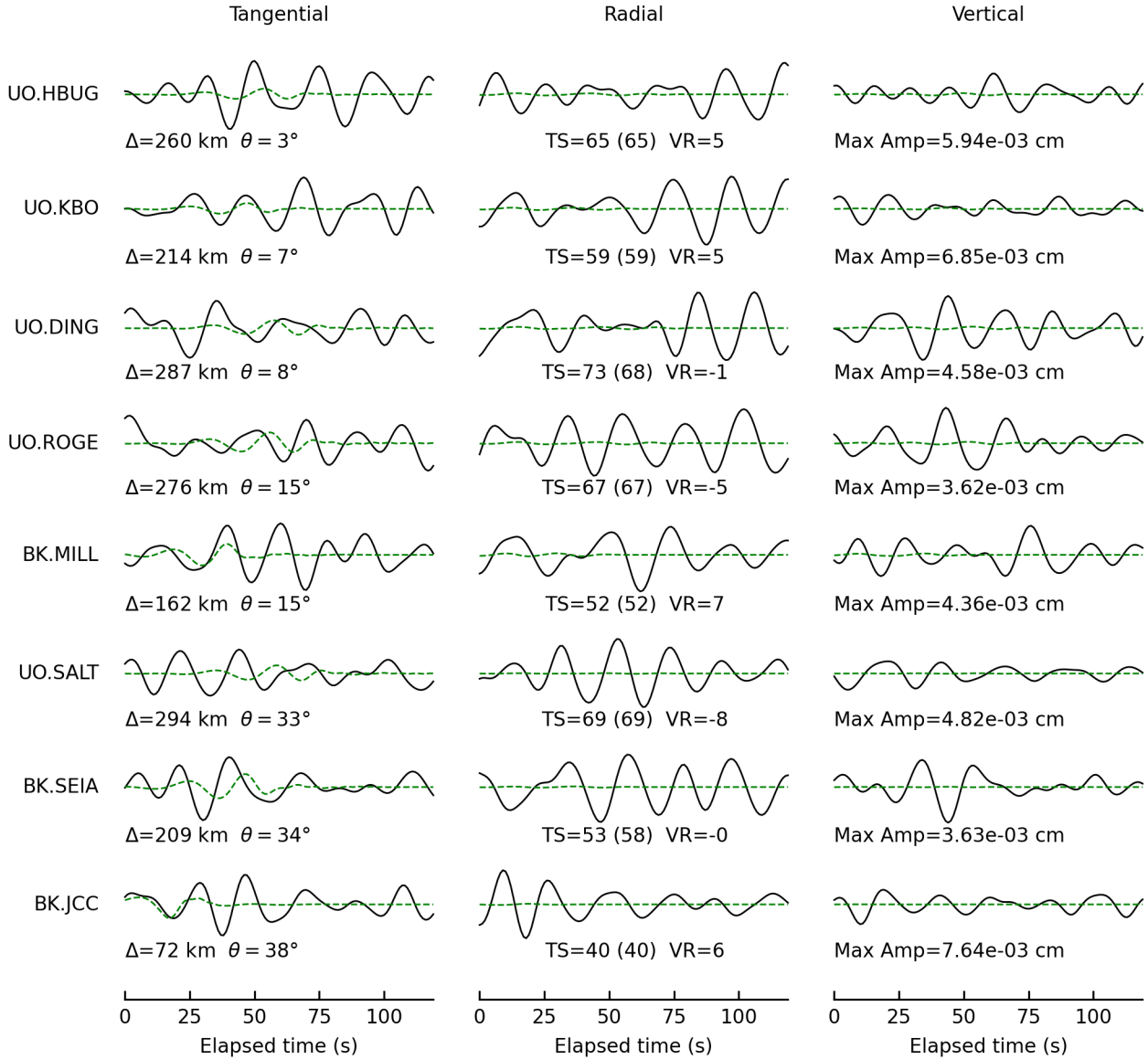

T
R
Z
BK.BONV
Δ = 48km θ = 290°
TS=37 VR=-22
Max Amp=2.04e-02 cm
BK.ORRS
Δ = 71km θ = 312°
TS=40 VR=-12
Max Amp=1.66e-02 cm
BK.WLKR
Δ = 212km θ = 323°
TS=58 VR=2
Max Amp=3.61e-02 cm
BK.USAL
Δ = 143km θ = 324°
TS=50 VR=18
Max Amp=2.25e-02 cm
NC.KCPC
Δ = 114km θ = 325°
TS=46 VR=14
Max Amp=2.75e-02 cm
BK.SPRL
Δ = 158km θ = 326°
TS=48 VR=23
Max Amp=2.03e-02 cm
BK.GHOP
Δ = 190km θ = 329°
TS=56 VR=-0
Max Amp=2.68e-02 cm
BK.JCC
Δ = 242km θ = 335°
TS=52 VR=13
Max Amp=2.22e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

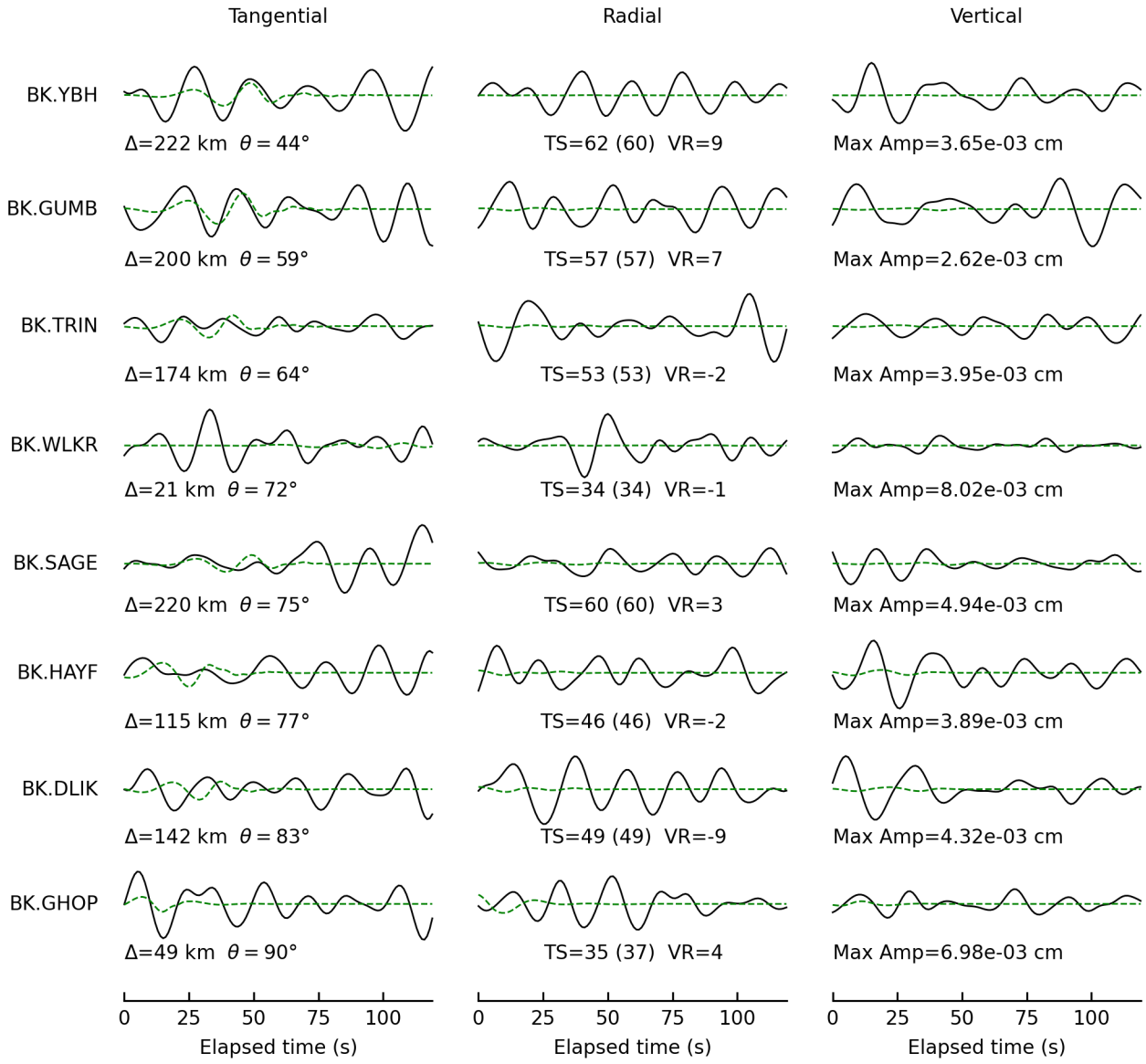

T
R
Z
BK.MILL
Δ = 334km θ = 342°
TS=74 VR=-0
Max Amp=1.76e-02 cm
UO.KBO
Δ = 392km θ = 343°
TS=82 VR=2
Max Amp=2.74e-02 cm
UO.HBUG
Δ = 442km θ = 343°
TS=88 VR=7
Max Amp=2.93e-02 cm
UO.DING
Δ = 458km θ = 347°
TS=90 VR=4
Max Amp=1.42e-02 cm
BK.HAYF
Δ = 190km θ = 350°
TS=56 VR=-9
Max Amp=1.72e-02 cm
BK.HUNT
Δ = 152km θ = 350°
TS=51 VR=-8
Max Amp=2.09e-02 cm
UO.ROGE
Δ = 433km θ = 351°
TS=87 VR=6
Max Amp=1.45e-02 cm
BK.SEIA
Δ = 335km θ = 355°
TS=74 VR=4
Max Amp=1.31e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

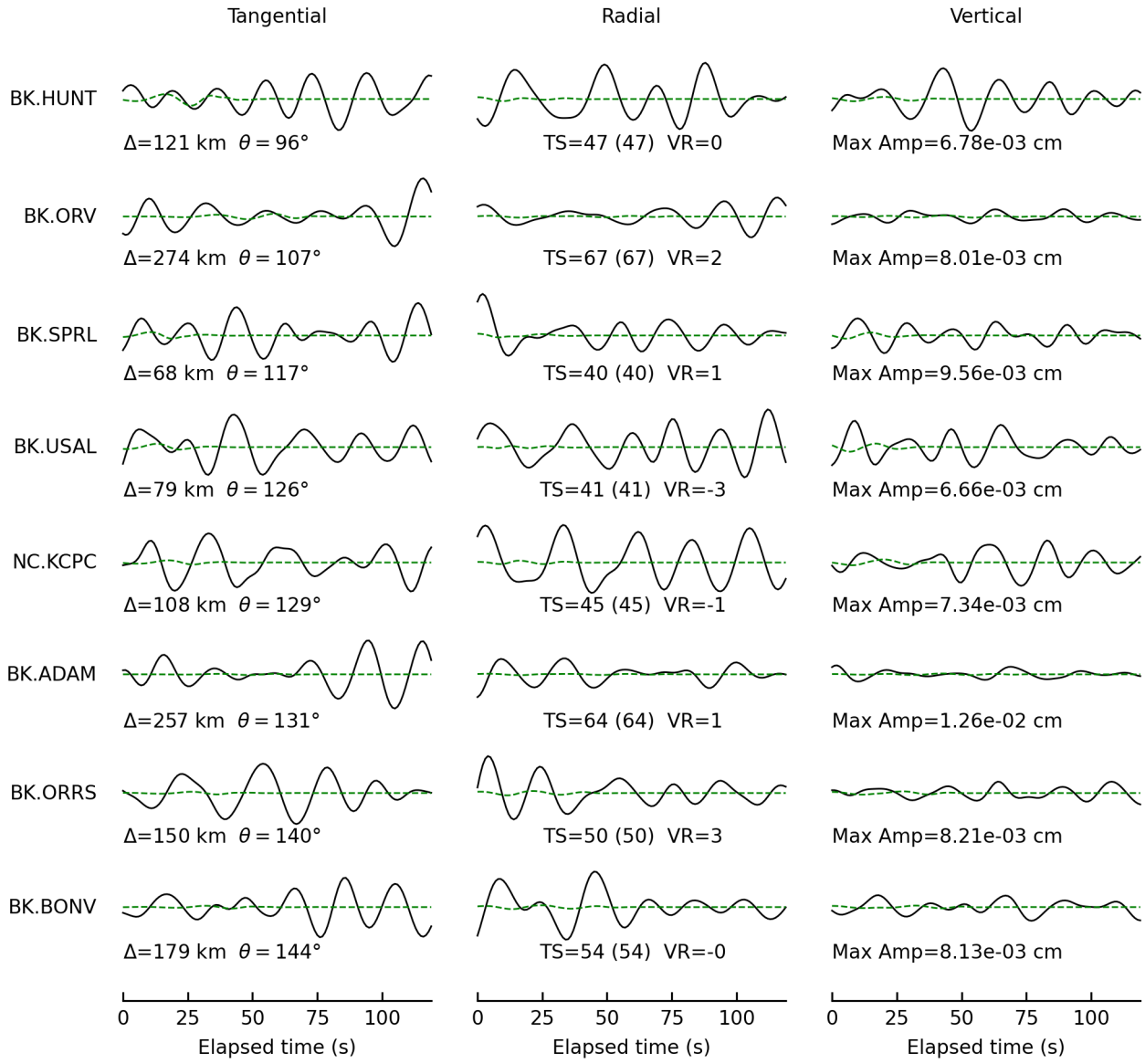

T
R
Z
BK.DLIK
Δ = 179km θ = 358°
TS=54 VR=-1
Max Amp=1.93e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

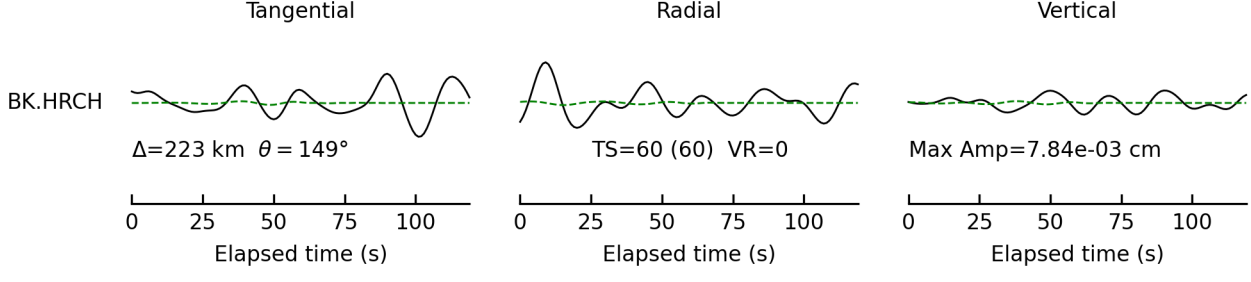
Deviatoric Moment Tensor Inversion
Evid = 75095856
Depth = 1.0 km
Mw = 5.22
M0 = 8.38e+23 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (278,2,-36) (43,89,-92)
npts = 120 vred = 7.692 km/s
VR = 1.03% lune:-1,0



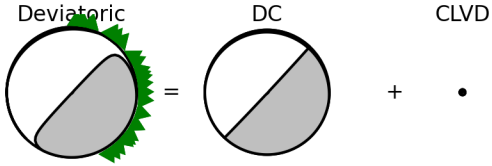


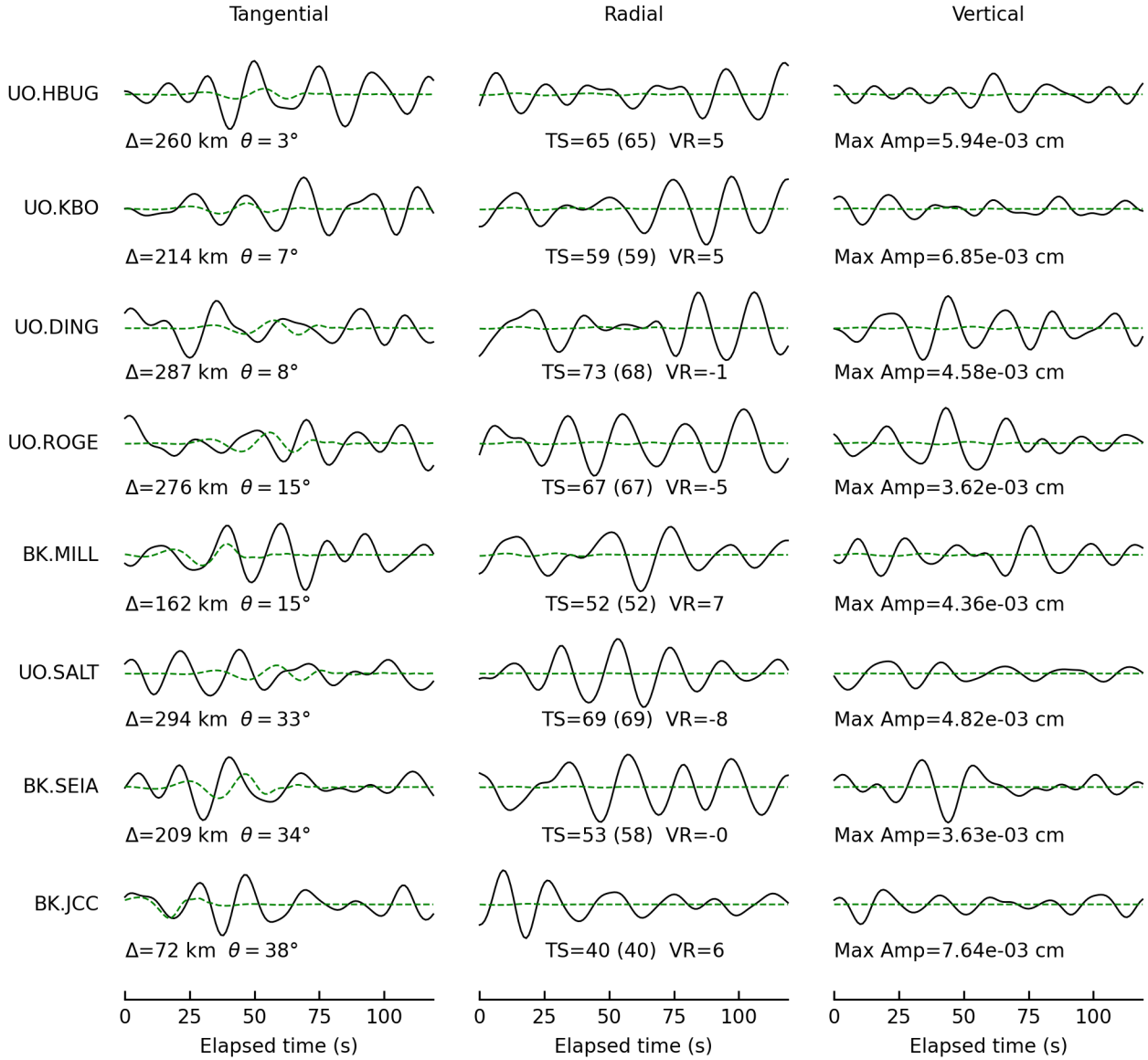

Tangential
Radial
Vertical
BK.YBH
Δ=222 km θ = 44°
TS=62 (60) VR=9
Max Amp=3.65e-03 cm
BK.GUMB
Δ=200 km θ = 59°
TS=57 (57) VR=7
Max Amp=2.62e-03 cm
BK.TRIN
Δ=174 km θ = 64°
TS=53 (53) VR=-2
Max Amp=3.95e-03 cm
BK.WLKR
Δ=21 km θ = 72°
TS=34 (34) VR=-1
Max Amp=8.02e-03 cm
BK.SAGE
Δ=220 km θ = 75°
TS=60 (60) VR=3
Max Amp=4.94e-03 cm
BK.HAYF
Δ=115 km θ = 77°
TS=46 (46) VR=-2
Max Amp=3.89e-03 cm
BK.DLIK
Δ=142 km θ = 83°
TS=49 (49) VR=-9
Max Amp=4.32e-03 cm
BK.GHOP
Δ=49 km θ = 90°
TS=35 (37) VR=4
Max Amp=6.98e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

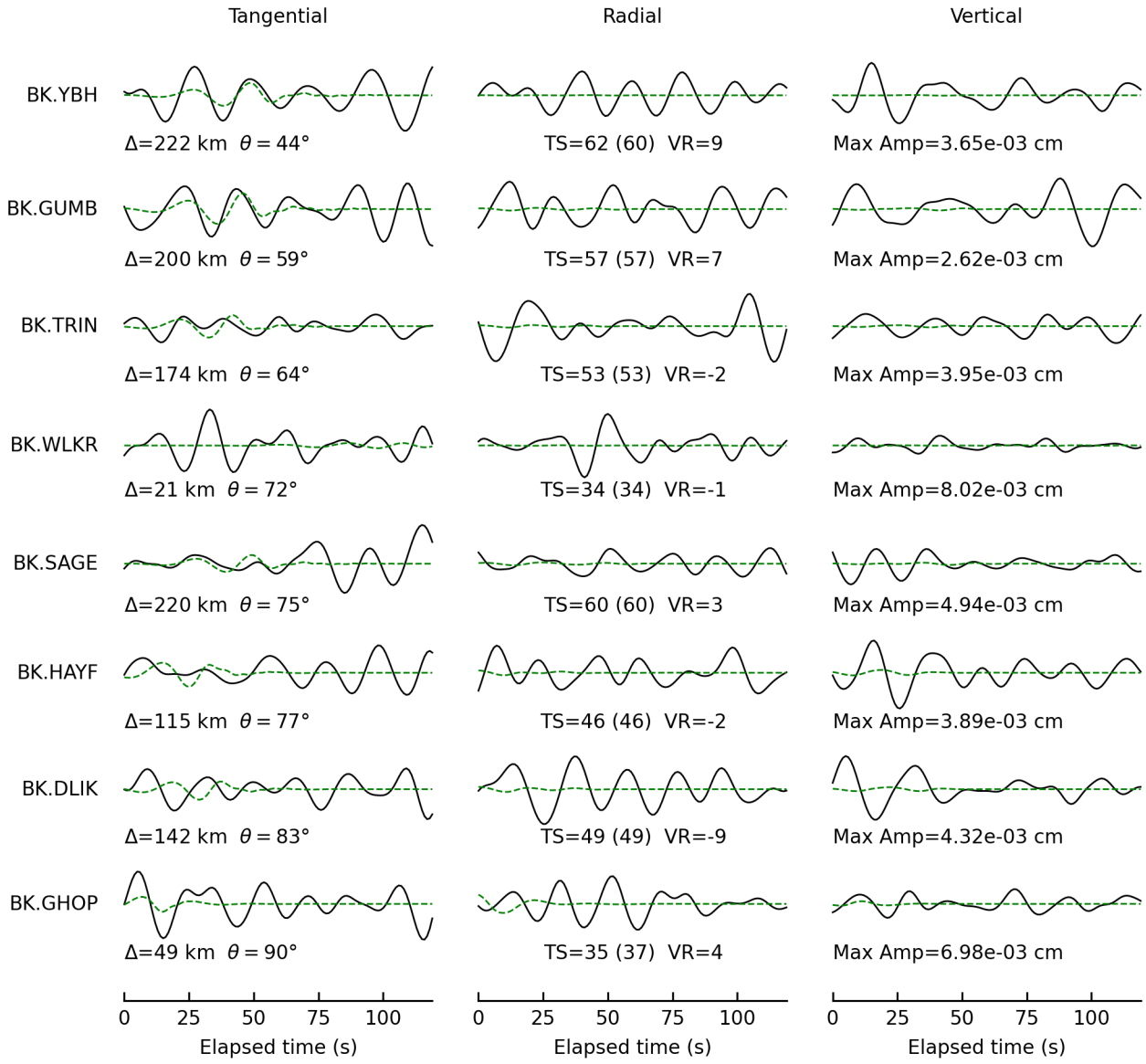

Tangential
Radial
Vertical
BK.HUNT
Δ=121 km θ = 96°
TS=47 (47) VR=0
Max Amp=6.78e-03 cm
BK.ORV
Δ=274 km θ = 107°
TS=67 (67) VR=2
Max Amp=8.01e-03 cm
BK.SPRL
Δ=68 km θ = 117°
TS=40 (40) VR=1
Max Amp=9.56e-03 cm
BK.USAL
Δ=79 km θ = 126°
TS=41 (41) VR=-3
Max Amp=6.66e-03 cm
NC.KCPC
Δ=108 km θ = 129°
TS=45 (45) VR=-1
Max Amp=7.34e-03 cm
BK.ADAM
Δ=257 km θ = 131°
TS=64 (64) VR=1
Max Amp=1.26e-02 cm
BK.ORRS
Δ=150 km θ = 140°
TS=50 (50) VR=3
Max Amp=8.21e-03 cm
BK.BONV
Δ=179 km θ = 144°
TS=54 (54) VR=-0
Max Amp=8.13e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

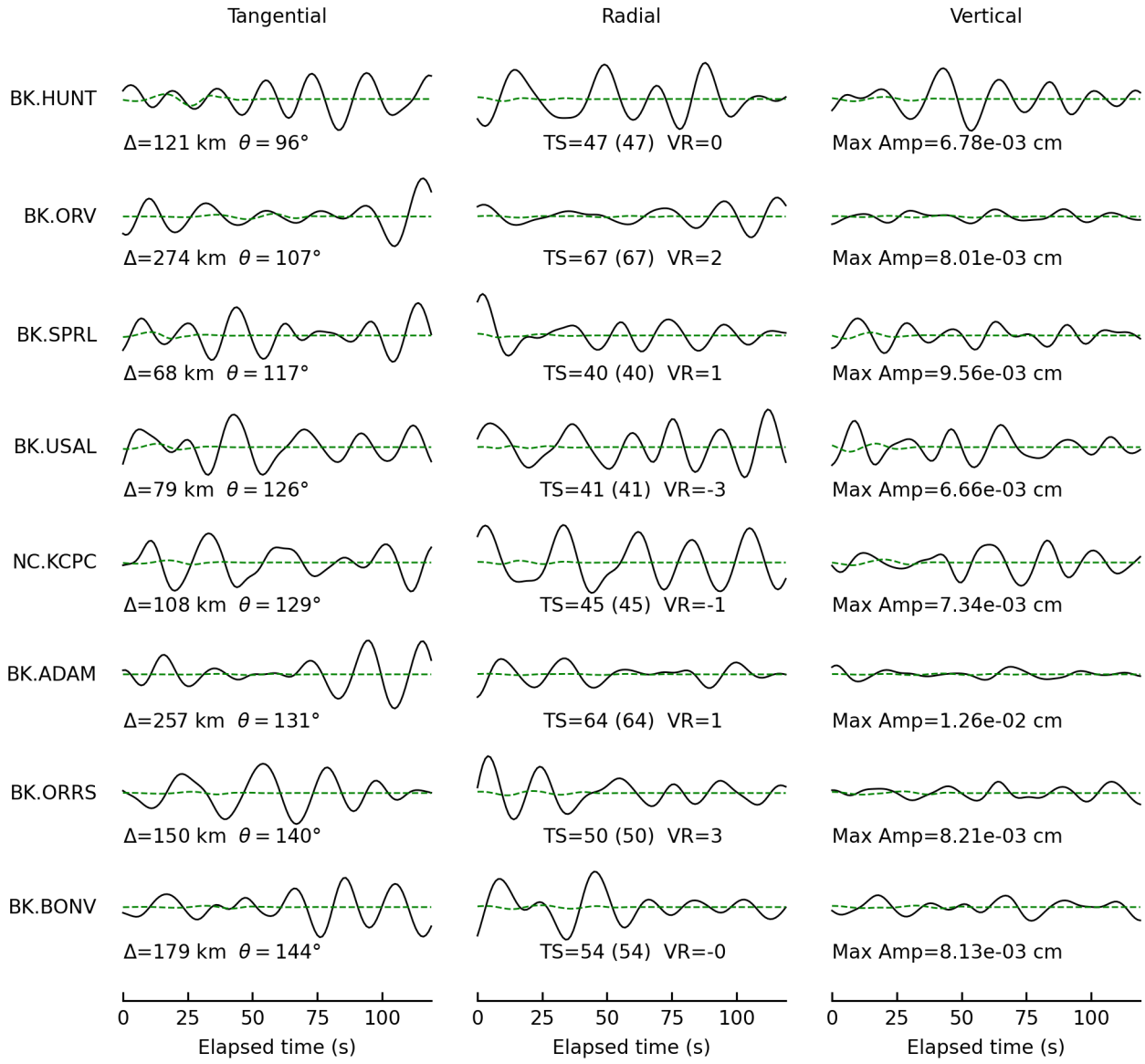

Tangential
Radial
Vertical
BK.HRCH
Δ=223 km θ = 149°
TS=60 (60) VR=0
Max Amp=7.84e-03 cm
0
25
50
75
100
Elapsed time (s)

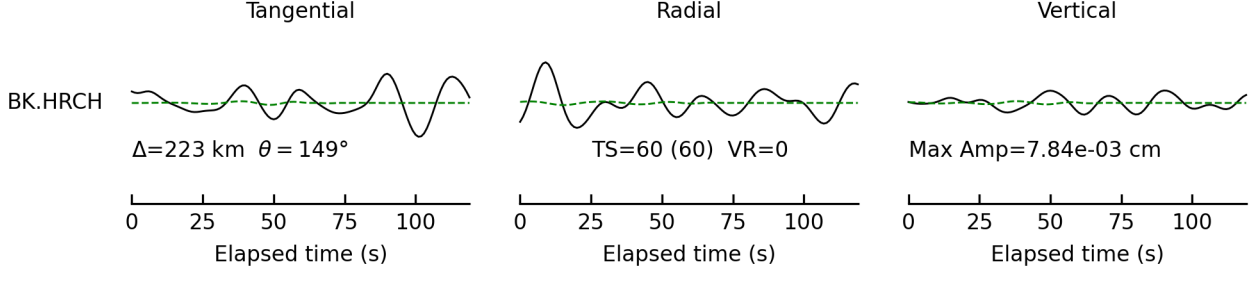
Deviatoric Moment Tensor Inversion
Evid = 75095856
Depth = 1.0 km
Mw = 5.22
M0 = 8.38e+23 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (278,2,-36) (43,89,-92)
npts = 120 vred = 7.692 km/s
VR = 1.03% lune:-1,0



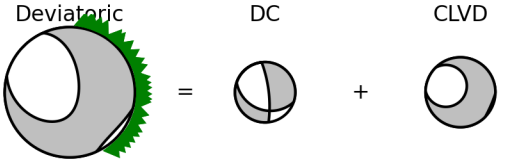


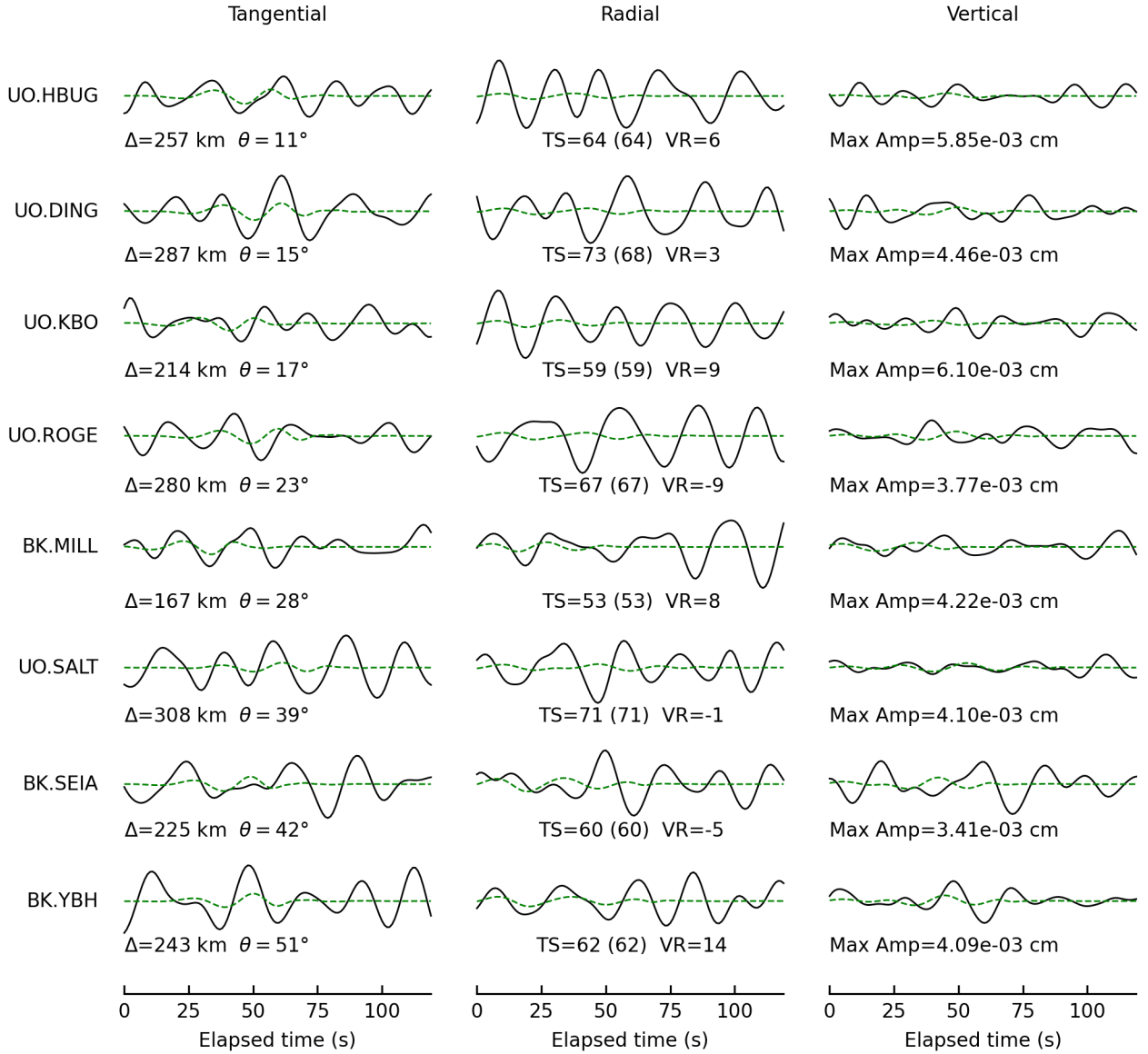

Tangential
Radial
Vertical
BK.YBH
Δ=222 km θ = 44°
TS=62 (60) VR=9
Max Amp=3.65e-03 cm
BK.GUMB
Δ=200 km θ = 59°
TS=57 (57) VR=7
Max Amp=2.62e-03 cm
BK.TRIN
Δ=174 km θ = 64°
TS=53 (53) VR=-2
Max Amp=3.95e-03 cm
BK.WLKR
Δ=21 km θ = 72°
TS=34 (34) VR=-1
Max Amp=8.02e-03 cm
BK.SAGE
Δ=220 km θ = 75°
TS=60 (60) VR=3
Max Amp=4.94e-03 cm
BK.HAYF
Δ=115 km θ = 77°
TS=46 (46) VR=-2
Max Amp=3.89e-03 cm
BK.DLIK
Δ=142 km θ = 83°
TS=49 (49) VR=-9
Max Amp=4.32e-03 cm
BK.GHOP
Δ=49 km θ = 90°
TS=35 (37) VR=4
Max Amp=6.98e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

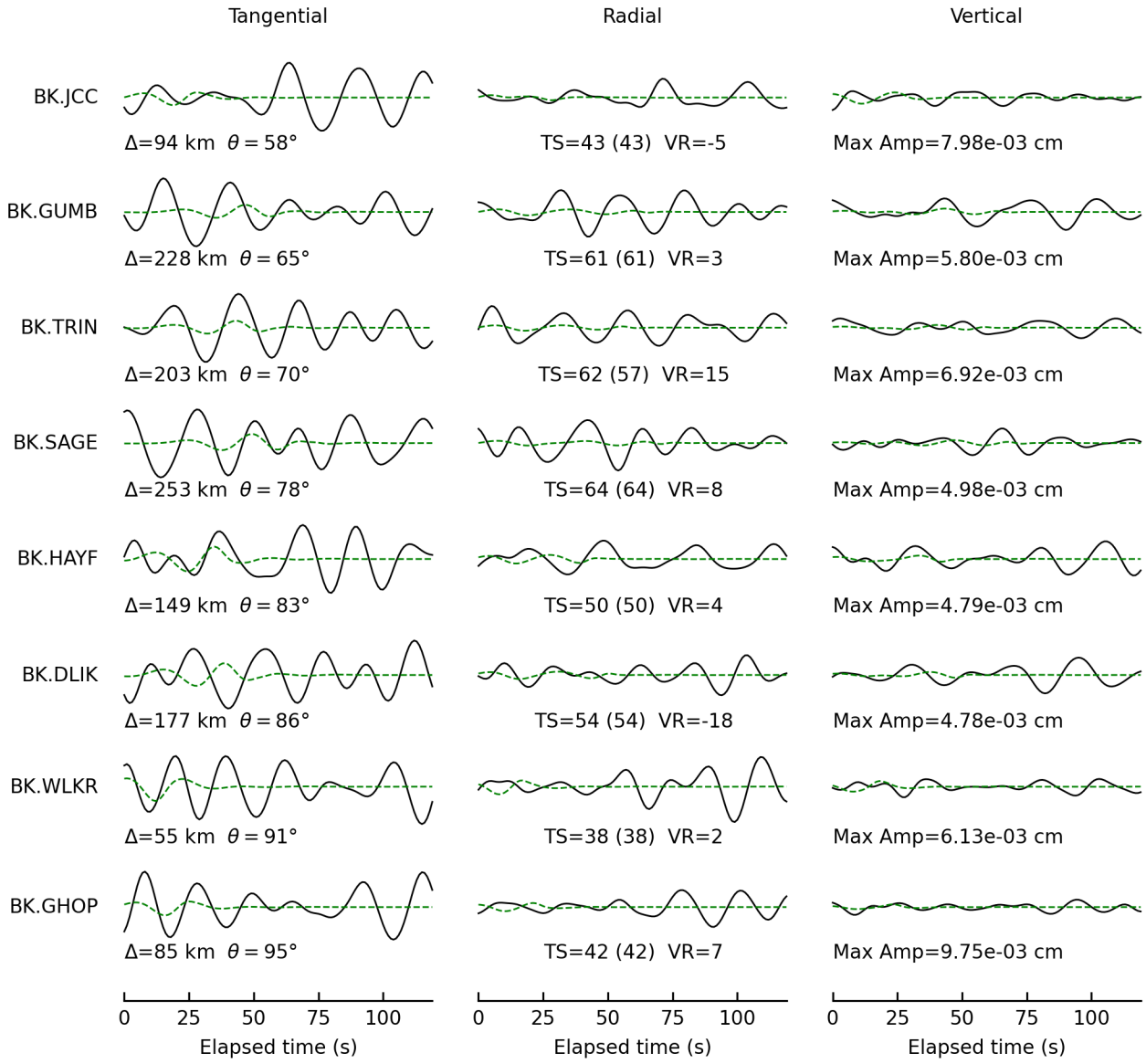

Tangential
Radial
Vertical
BK.HUNT
Δ=121 km θ = 96°
TS=47 (47) VR=0
Max Amp=6.78e-03 cm
BK.ORV
Δ=274 km θ = 107°
TS=67 (67) VR=2
Max Amp=8.01e-03 cm
BK.SPRL
Δ=68 km θ = 117°
TS=40 (40) VR=1
Max Amp=9.56e-03 cm
BK.USAL
Δ=79 km θ = 126°
TS=41 (41) VR=-3
Max Amp=6.66e-03 cm
NC.KCPC
Δ=108 km θ = 129°
TS=45 (45) VR=-1
Max Amp=7.34e-03 cm
BK.ADAM
Δ=257 km θ = 131°
TS=64 (64) VR=1
Max Amp=1.26e-02 cm
BK.ORRS
Δ=150 km θ = 140°
TS=50 (50) VR=3
Max Amp=8.21e-03 cm
BK.BONV
Δ=179 km θ = 144°
TS=54 (54) VR=-0
Max Amp=8.13e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

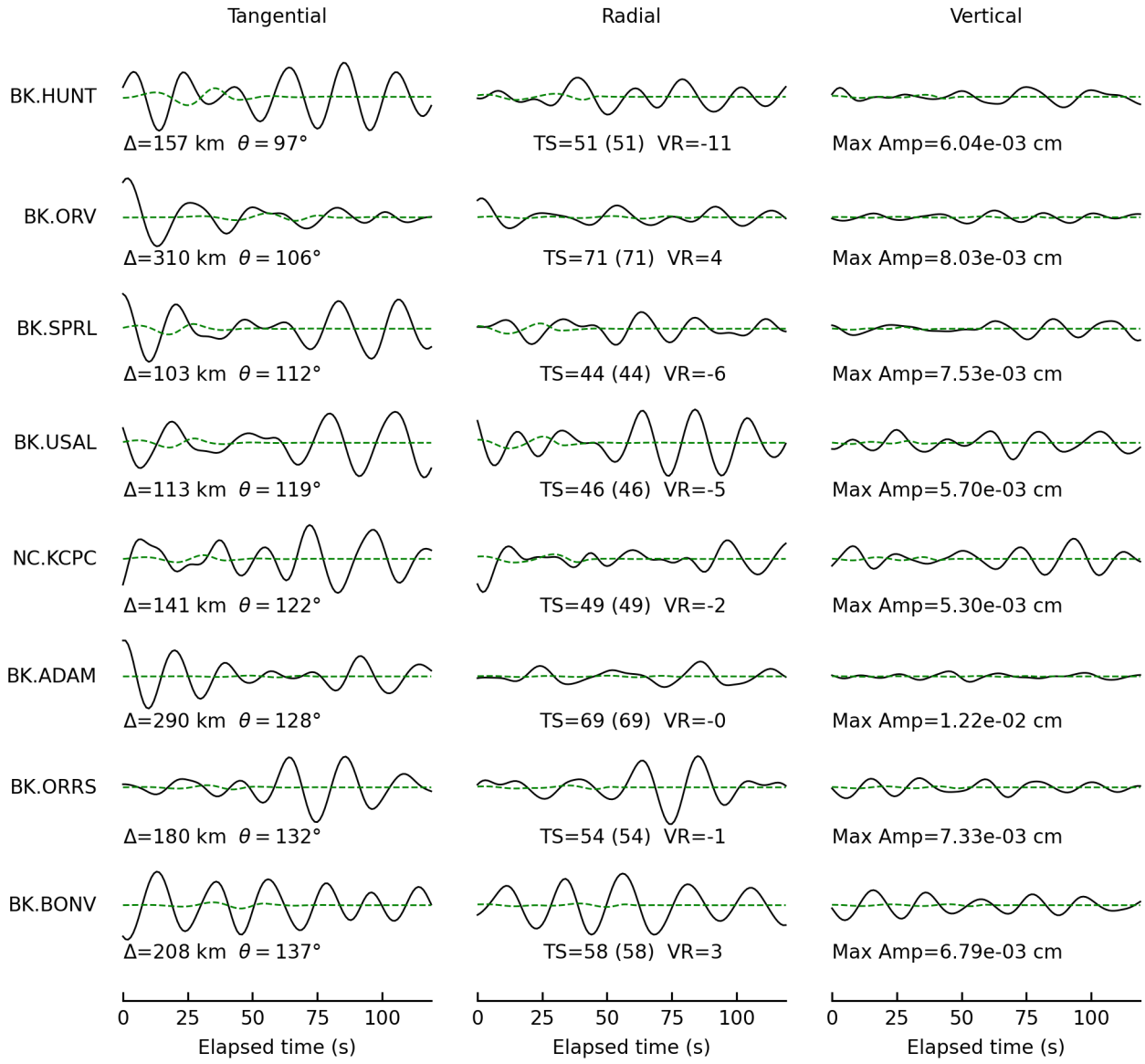

Tangential
Radial
Vertical
BK.HRCH
Δ=223 km θ = 149°
TS=60 (60) VR=0
Max Amp=7.84e-03 cm
0
25
50
75
100
Elapsed time (s)

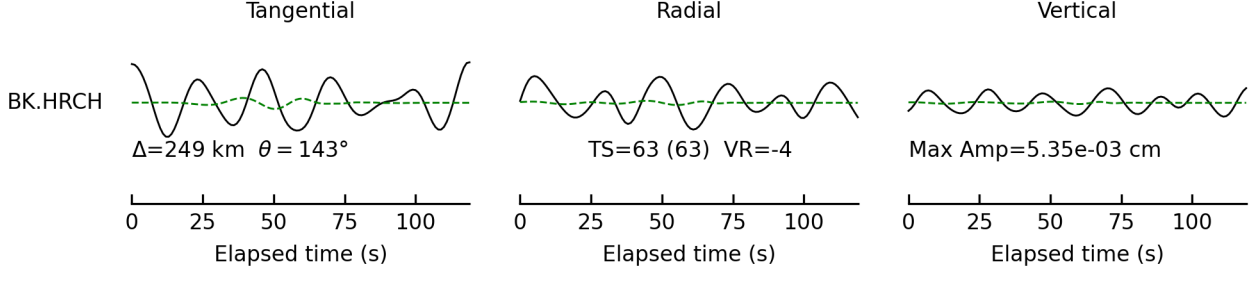
Deviatoric Moment Tensor Inversion
Evid = 75095886
Depth = 6.0 km
Mw = 5.02
M0 = 4.19e+23 dyne-cm
Percent DC/CLVD/ISO = 46/54/0
sdr = (353,76,-64) (109,29,-151)
npts = 120 vred = 7.692 km/s
VR = 1.60% lune:15,0



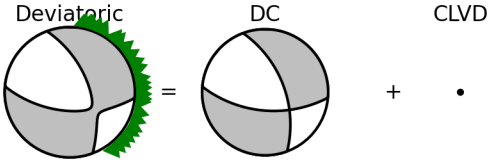



Tangential
Radial
Vertical
BK.JCC
Δ=94 km θ = 58°
TS=43 (43) VR=-5
Max Amp=7.98e-03 cm
BK.GUMB
Δ=228 km θ = 65°
TS=61 (61) VR=3
Max Amp=5.80e-03 cm
BK.TRIN
Δ=203 km θ = 70°
TS=62 (57) VR=15
Max Amp=6.92e-03 cm
BK.SAGE
Δ=253 km θ = 78°
TS=64 (64) VR=8
Max Amp=4.98e-03 cm
BK.HAYF
Δ=149 km θ = 83°
TS=50 (50) VR=4
Max Amp=4.79e-03 cm
BK.DLIK
Δ=177 km θ = 86°
TS=54 (54) VR=-18
Max Amp=4.78e-03 cm
BK.WLKR
Δ=55 km θ = 91°
TS=38 (38) VR=2
Max Amp=6.13e-03 cm
BK.GHOP
Δ=85 km θ = 95°
TS=42 (42) VR=7
Max Amp=9.75e-03 cm
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HUNT
Δ=157 km θ = 97°
TS=51 (51) VR=-11
Max Amp=6.04e-03 cm
BK.ORV
Δ=310 km θ = 106°
TS=71 (71) VR=4
Max Amp=8.03e-03 cm
BK.SPRL
Δ=103 km θ = 112°
TS=44 (44) VR=-6
Max Amp=7.53e-03 cm
BK.USAL
Δ=113 km θ = 119°
TS=46 (46) VR=-5
Max Amp=5.70e-03 cm
NC.KCPC
Δ=141 km θ = 122°
TS=49 (49) VR=-2
Max Amp=5.30e-03 cm
BK.ADAM
Δ=290 km θ = 128°
TS=69 (69) VR=-0
Max Amp=1.22e-02 cm
BK.ORRS
Δ=180 km θ = 132°
TS=54 (54) VR=-1
Max Amp=7.33e-03 cm
BK.BONV
Δ=208 km θ = 137°
TS=58 (58) VR=3
Max Amp=6.79e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HRCH
Δ=249 km θ = 143°
TS=63 (63) VR=-4
Max Amp=5.35e-03 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75095886
Depth = 16.0 km
Mw = 4.88
M0 = 2.56e+23 dyne-cm
Percent DC/CLVD/ISO = 97/3/0
sdr = (340,56,-40) (95,58,-138)
npts = 120 vred = 7.692 km/s
VR = 0.96% lune:1,0



Tangential | Radial | Vertical

UO.HBUG
Δ=257 km θ = 11°
TS=64 (64) VR=6
Max Amp=5.85e-03 cm

UO.DING
Δ=287 km θ = 15°
TS=68 (68) VR=1
Max Amp=4.60e-03 cm

UO.KBO
Δ=214 km θ = 17°
TS=59 (59) VR=6
Max Amp=6.10e-03 cm

UO.ROGE
Δ=280 km θ = 23°
TS=63 (67) VR=-5
Max Amp=3.77e-03 cm

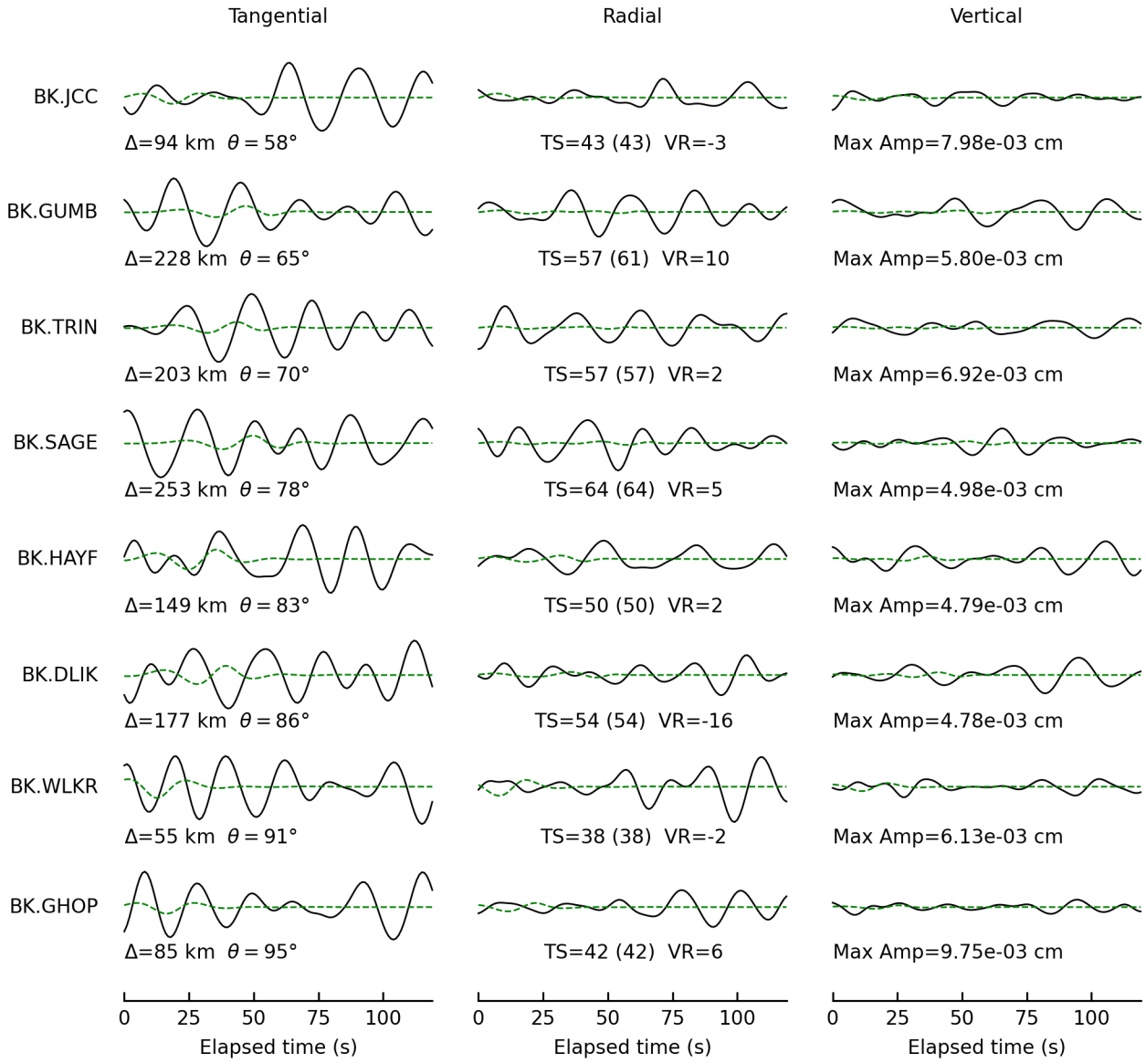
BK.MILL
Δ=167 km θ = 28°
TS=53 (53) VR=5
Max Amp=4.22e-03 cm

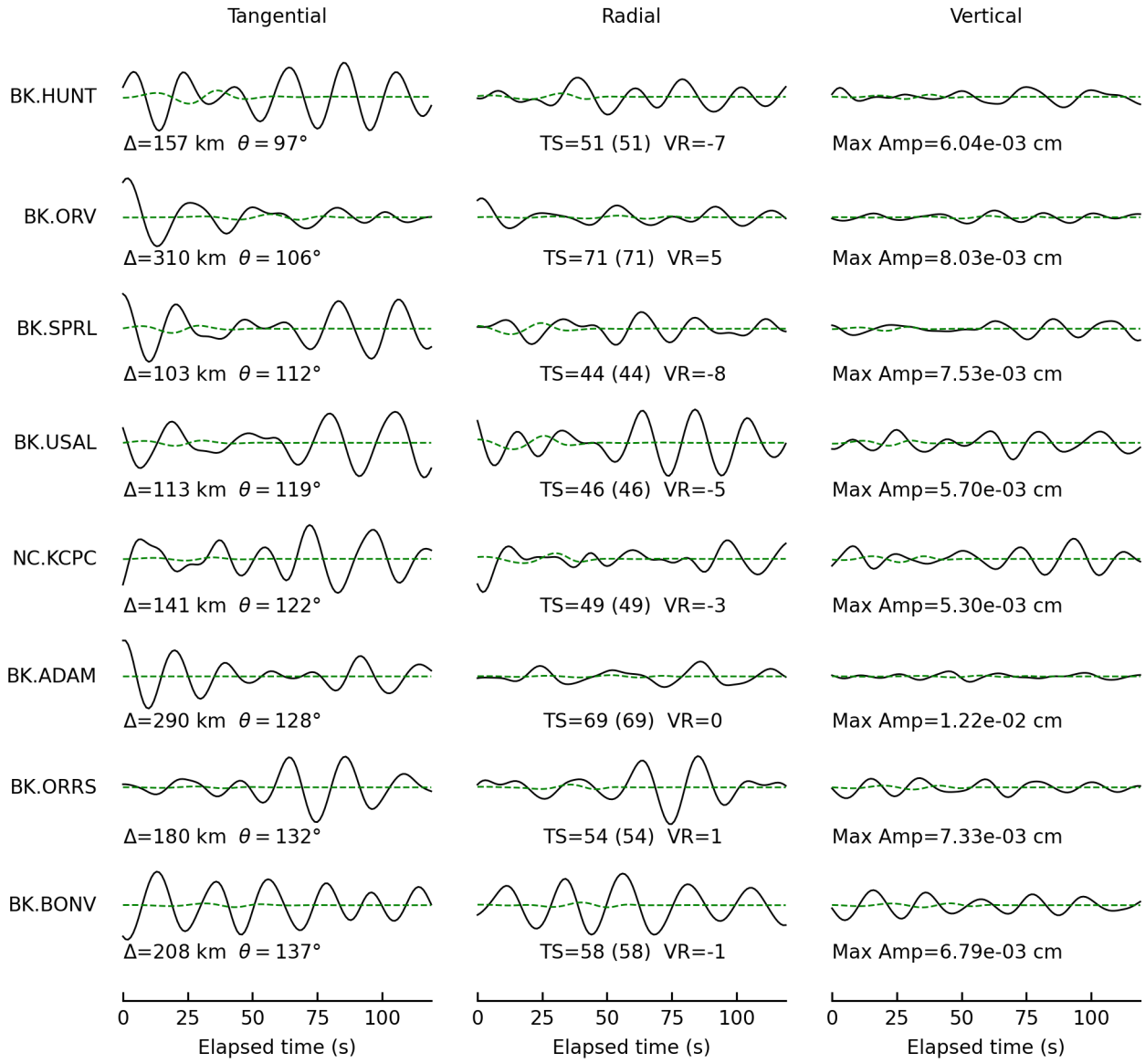
UO.SALT
Δ=308 km θ = 39°
TS=71 (71) VR=3
Max Amp=4.10e-03 cm

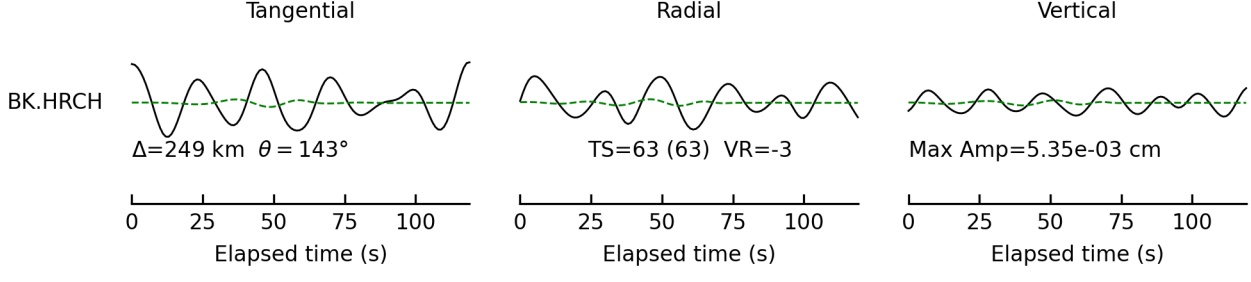
BK.SEIA
Δ=225 km θ = 42°
TS=60 (60) VR=-1
Max Amp=3.41e-03 cm

BK.YBH
Δ=243 km θ = 51°
TS=62 (62) VR=10
Max Amp=4.09e-03 cm

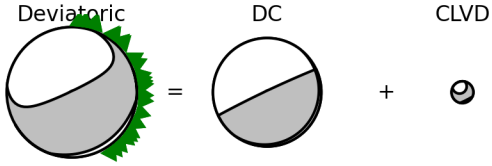
0 25 50 75 100
Elapsed time (s)

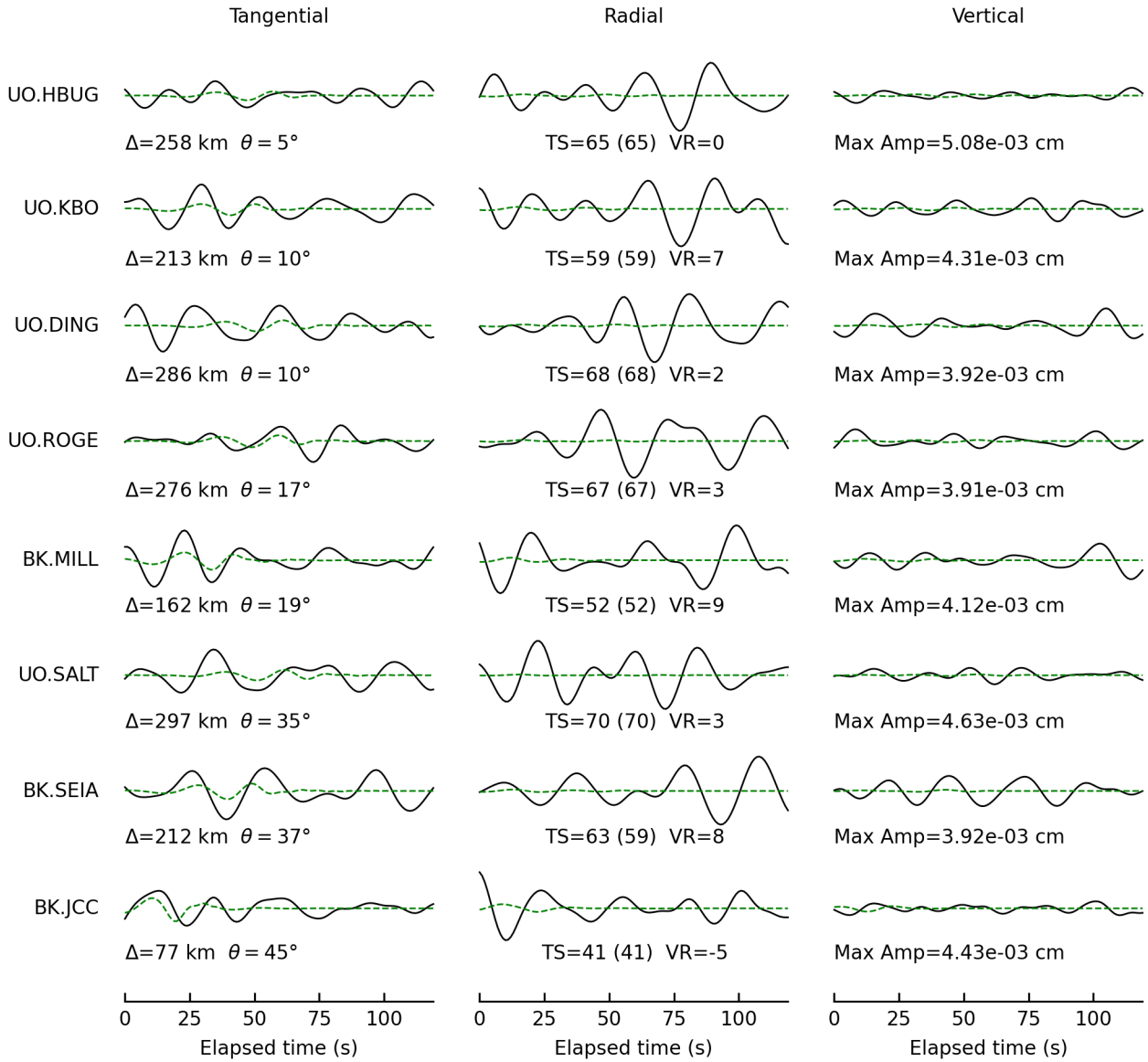

Tangential
Radial
Vertical
BK.JCC
Δ=94 km θ = 58°
TS=43 (43) VR=-3
Max Amp=7.98e-03 cm
BK.GUMB
Δ=228 km θ = 65°
TS=57 (61) VR=10
Max Amp=5.80e-03 cm
BK.TRIN
Δ=203 km θ = 70°
TS=57 (57) VR=2
Max Amp=6.92e-03 cm
BK.SAGE
Δ=253 km θ = 78°
TS=64 (64) VR=5
Max Amp=4.98e-03 cm
BK.HAYF
Δ=149 km θ = 83°
TS=50 (50) VR=2
Max Amp=4.79e-03 cm
BK.DLIK
Δ=177 km θ = 86°
TS=54 (54) VR=-16
Max Amp=4.78e-03 cm
BK.WLKR
Δ=55 km θ = 91°
TS=38 (38) VR=-2
Max Amp=6.13e-03 cm
BK.GHOP
Δ=85 km θ = 95°
TS=42 (42) VR=6
Max Amp=9.75e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

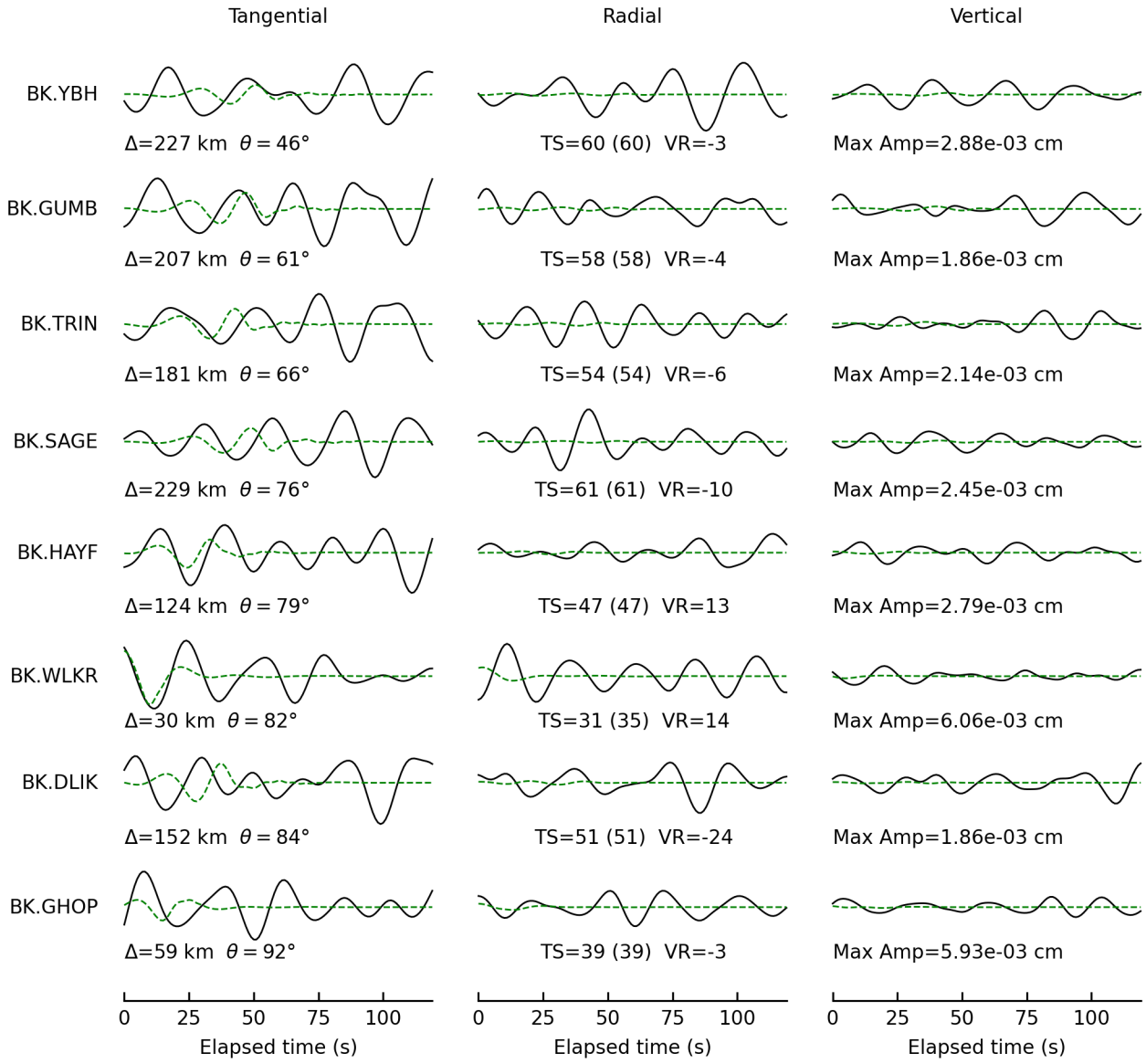

Tangential
Radial
Vertical
BK.HUNT
Δ=157 km θ = 97°
TS=51 (51) VR=-7
Max Amp=6.04e-03 cm
BK.ORV
Δ=310 km θ = 106°
TS=71 (71) VR=5
Max Amp=8.03e-03 cm
BK.SPRL
Δ=103 km θ = 112°
TS=44 (44) VR=-8
Max Amp=7.53e-03 cm
BK.USAL
Δ=113 km θ = 119°
TS=46 (46) VR=-5
Max Amp=5.70e-03 cm
NC.KCPC
Δ=141 km θ = 122°
TS=49 (49) VR=-3
Max Amp=5.30e-03 cm
BK.ADAM
Δ=290 km θ = 128°
TS=69 (69) VR=0
Max Amp=1.22e-02 cm
BK.ORRS
Δ=180 km θ = 132°
TS=54 (54) VR=1
Max Amp=7.33e-03 cm
BK.BONV
Δ=208 km θ = 137°
TS=58 (58) VR=-1
Max Amp=6.79e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

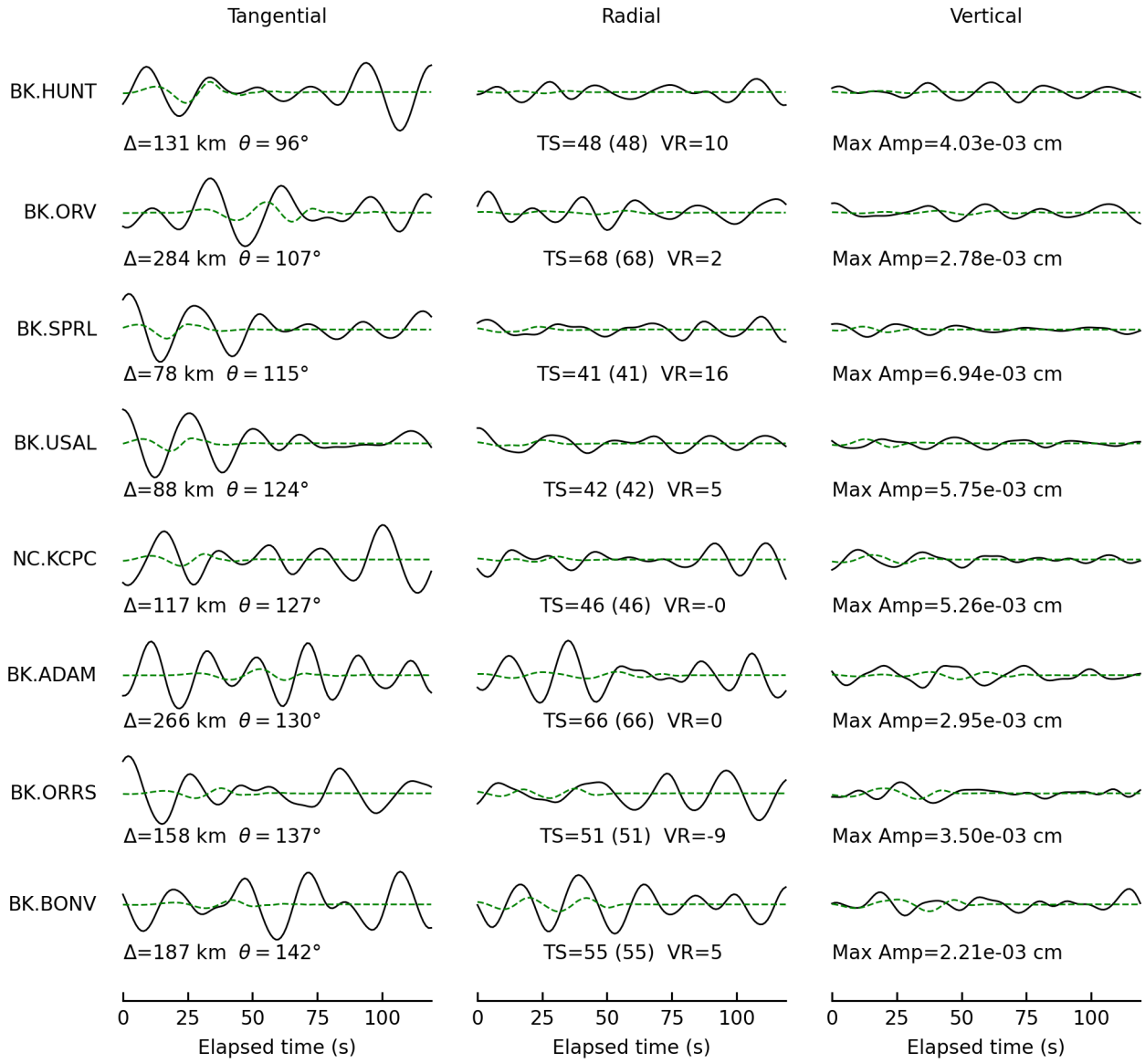

Tangential
Radial
Vertical
BK.HRCH
Δ=249 km θ = 143°
TS=63 (63) VR=-3
Max Amp=5.35e-03 cm
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)

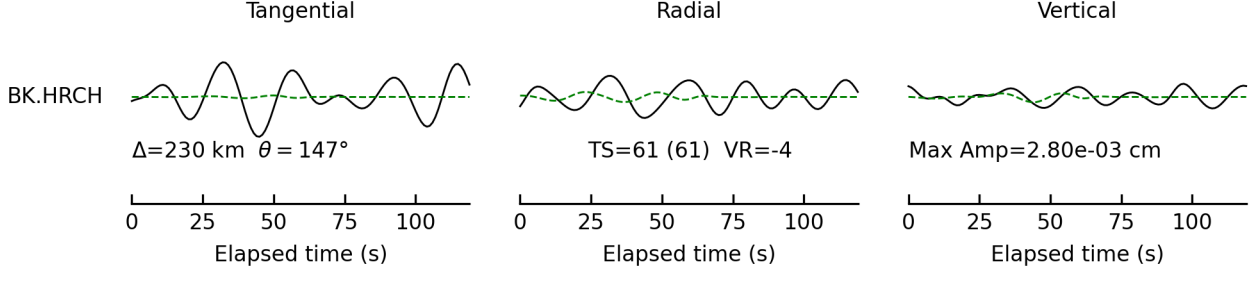
Deviatoric Moment Tensor Inversion
Evid = 75095936
Depth = 1.0 km
Mw = 5.12
M0 = 5.96e+23 dyne-cm
Percent DC/CLVD/ISO = 83/17/0
sdr = (245,87,92) (37,3,63)
npts = 120 vred = 7.692 km/s
VR = 2.39% lune:4,0



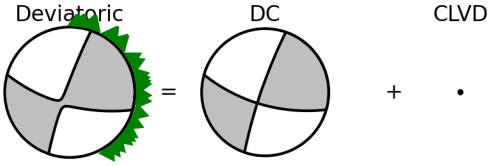


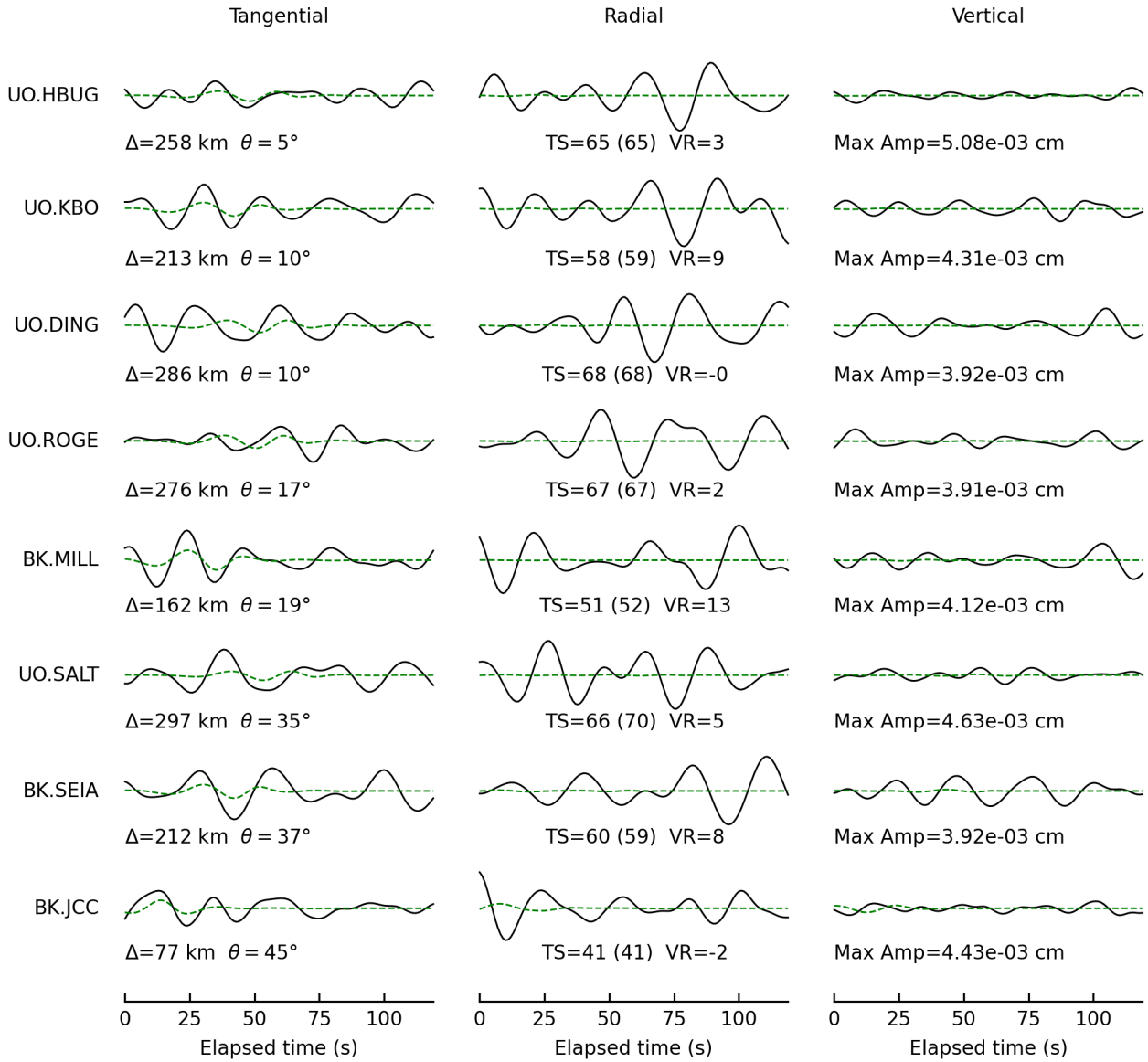

Tangential
Radial
Vertical
BK.YBH
Δ=227 km θ = 46°
TS=60 (60) VR=-3
Max Amp=2.88e-03 cm
BK.GUMB
Δ=207 km θ = 61°
TS=58 (58) VR=-4
Max Amp=1.86e-03 cm
BK.TRIN
Δ=181 km θ = 66°
TS=54 (54) VR=-6
Max Amp=2.14e-03 cm
BK.SAGE
Δ=229 km θ = 76°
TS=61 (61) VR=-10
Max Amp=2.45e-03 cm
BK.HAYF
Δ=124 km θ = 79°
TS=47 (47) VR=13
Max Amp=2.79e-03 cm
BK.WLKR
Δ=30 km θ = 82°
TS=31 (35) VR=14
Max Amp=6.06e-03 cm
BK.DLIK
Δ=152 km θ = 84°
TS=51 (51) VR=-24
Max Amp=1.86e-03 cm
BK.GHOP
Δ=59 km θ = 92°
TS=39 (39) VR=-3
Max Amp=5.93e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

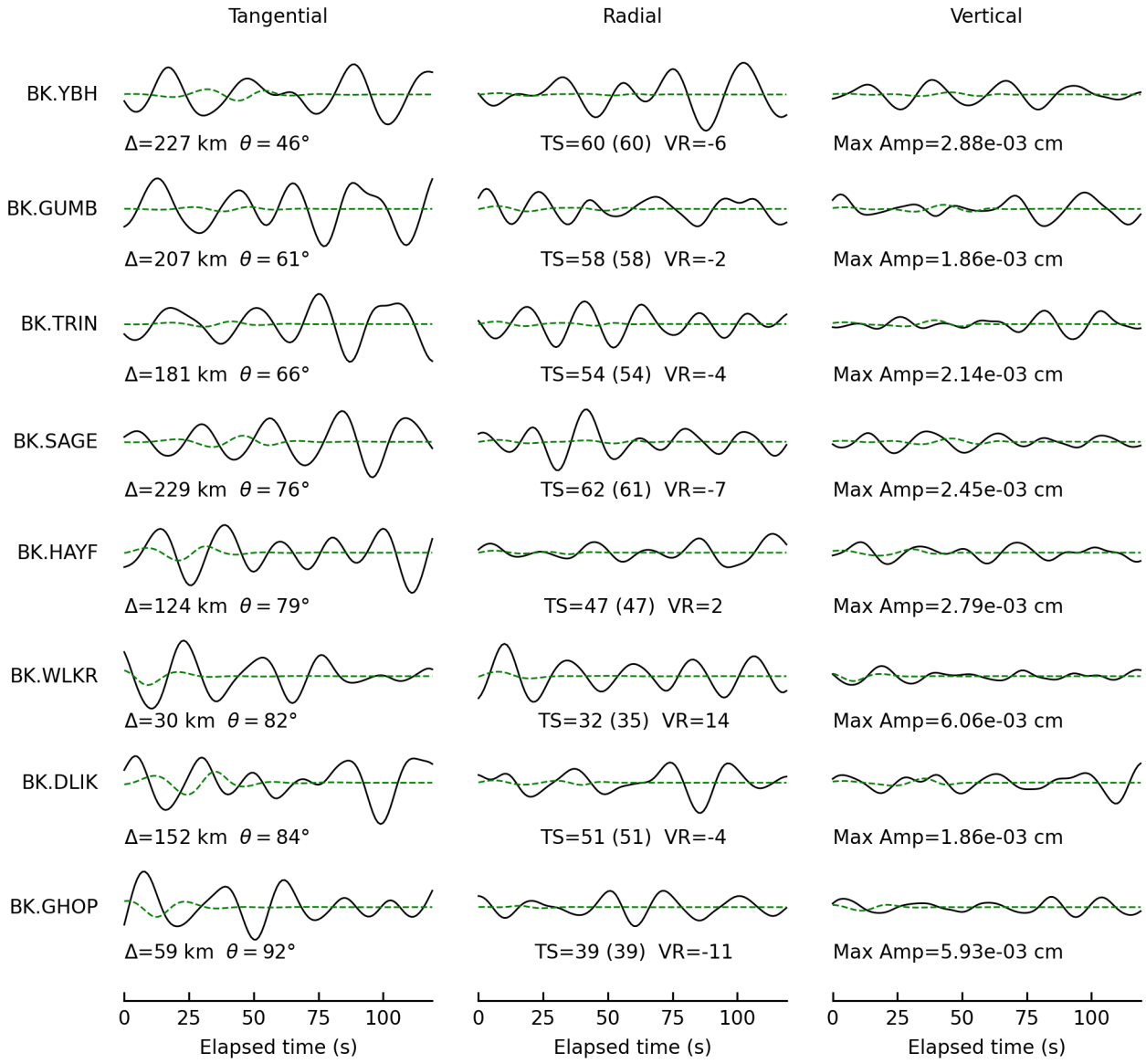

Tangential
Radial
Vertical
BK.HUNT
Δ=131 km θ = 96°
TS=48 (48) VR=10
Max Amp=4.03e-03 cm
BK.ORV
Δ=284 km θ = 107°
TS=68 (68) VR=2
Max Amp=2.78e-03 cm
BK.SPRL
Δ=78 km θ = 115°
TS=41 (41) VR=16
Max Amp=6.94e-03 cm
BK.USAL
Δ=88 km θ = 124°
TS=42 (42) VR=5
Max Amp=5.75e-03 cm
NC.KCPC
Δ=117 km θ = 127°
TS=46 (46) VR=-0
Max Amp=5.26e-03 cm
BK.ADAM
Δ=266 km θ = 130°
TS=66 (66) VR=0
Max Amp=2.95e-03 cm
BK.ORRS
Δ=158 km θ = 137°
TS=51 (51) VR=-9
Max Amp=3.50e-03 cm
BK.BONV
Δ=187 km θ = 142°
TS=55 (55) VR=5
Max Amp=2.21e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

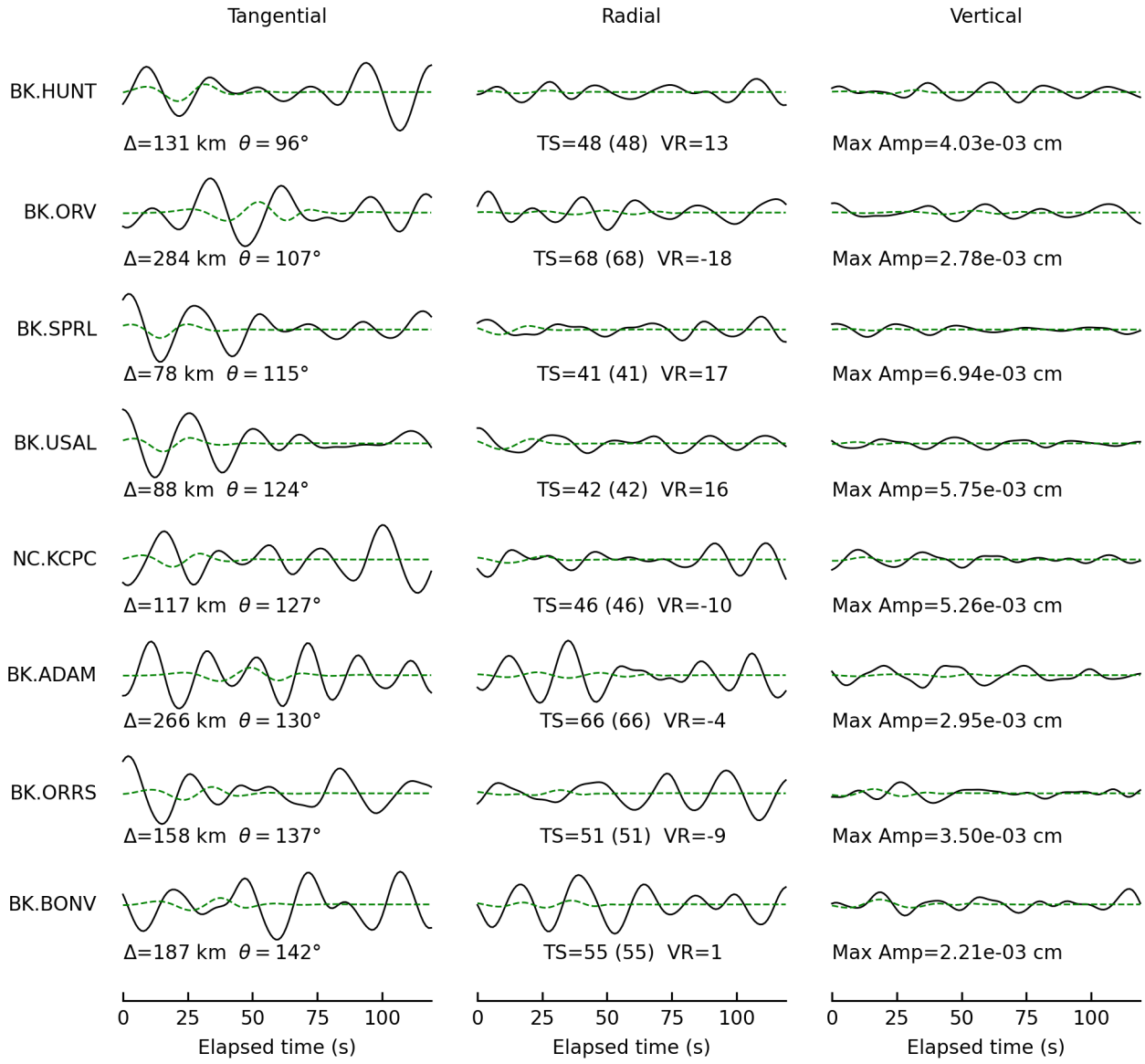

Tangential
Radial
Vertical
BK.HRCH
Δ=230 km θ = 147°
TS=61 (61) VR=-4
Max Amp=2.80e-03 cm
0
25
50
75
100
Elapsed time (s)

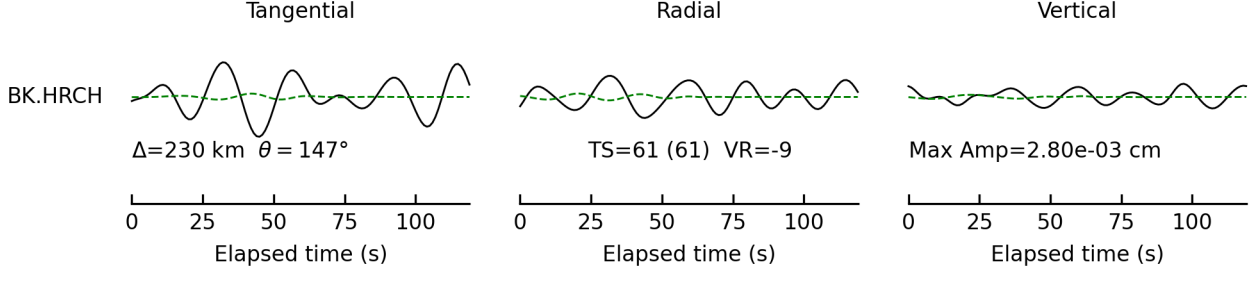
Deviatoric Moment Tensor Inversion
Evid = 75095936
Depth = 16.0 km
Mw = 4.77
M0 = 1.76e+23 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (199,83,23) (106,67,172)
npts = 120 vred = 7.692 km/s
VR = 1.74% lune:1,0



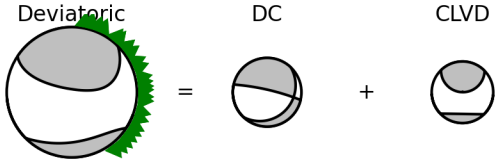



Tangential
Radial
Vertical
BK.YBH
Δ=227 km θ = 46°
TS=60 (60) VR=-6
Max Amp=2.88e-03 cm
BK.GUMB
Δ=207 km θ = 61°
TS=58 (58) VR=-2
Max Amp=1.86e-03 cm
BK.TRIN
Δ=181 km θ = 66°
TS=54 (54) VR=-4
Max Amp=2.14e-03 cm
BK.SAGE
Δ=229 km θ = 76°
TS=62 (61) VR=-7
Max Amp=2.45e-03 cm
BK.HAYF
Δ=124 km θ = 79°
TS=47 (47) VR=2
Max Amp=2.79e-03 cm
BK.WLKR
Δ=30 km θ = 82°
TS=32 (35) VR=14
Max Amp=6.06e-03 cm
BK.DLIK
Δ=152 km θ = 84°
TS=51 (51) VR=-4
Max Amp=1.86e-03 cm
BK.GHOP
Δ=59 km θ = 92°
TS=39 (39) VR=-11
Max Amp=5.93e-03 cm
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HUNT
Δ=131 km θ = 96°
TS=48 (48) VR=13
Max Amp=4.03e-03 cm
BK.ORV
Δ=284 km θ = 107°
TS=68 (68) VR=-18
Max Amp=2.78e-03 cm
BK.SPRL
Δ=78 km θ = 115°
TS=41 (41) VR=17
Max Amp=6.94e-03 cm
BK.USAL
Δ=88 km θ = 124°
TS=42 (42) VR=16
Max Amp=5.75e-03 cm
NC.KCPC
Δ=117 km θ = 127°
TS=46 (46) VR=-10
Max Amp=5.26e-03 cm
BK.ADAM
Δ=266 km θ = 130°
TS=66 (66) VR=-4
Max Amp=2.95e-03 cm
BK.ORRS
Δ=158 km θ = 137°
TS=51 (51) VR=-9
Max Amp=3.50e-03 cm
BK.BONV
Δ=187 km θ = 142°
TS=55 (55) VR=1
Max Amp=2.21e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HRCH
Δ=230 km θ = 147°
TS=61 (61) VR=-9
Max Amp=2.80e-03 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75095961
Depth = 19.0 km
Mw = 4.93
M0 = 3.09e+23 dyne-cm
Percent DC/CLVD/ISO = 53/47/0
sdr = (44,16,-148) (283,82,-76)
npts = 120 vred = 7.692 km/s
VR = 0.83% lune:-13,0



Tangential | Radial | Vertical

UO.HBUG
Δ=259 km θ = 10°
TS=65 (65) VR=-2
Max Amp=2.62e-03 cm

UO.DING
Δ=289 km θ = 14°
TS=68 (68) VR=3
Max Amp=2.60e-03 cm

UO.KBO
Δ=215 km θ = 16°
TS=59 (59) VR=-4
Max Amp=4.93e-03 cm

UO.ROGE
Δ=281 km θ = 22°
TS=67 (67) VR=-17
Max Amp=1.99e-03 cm

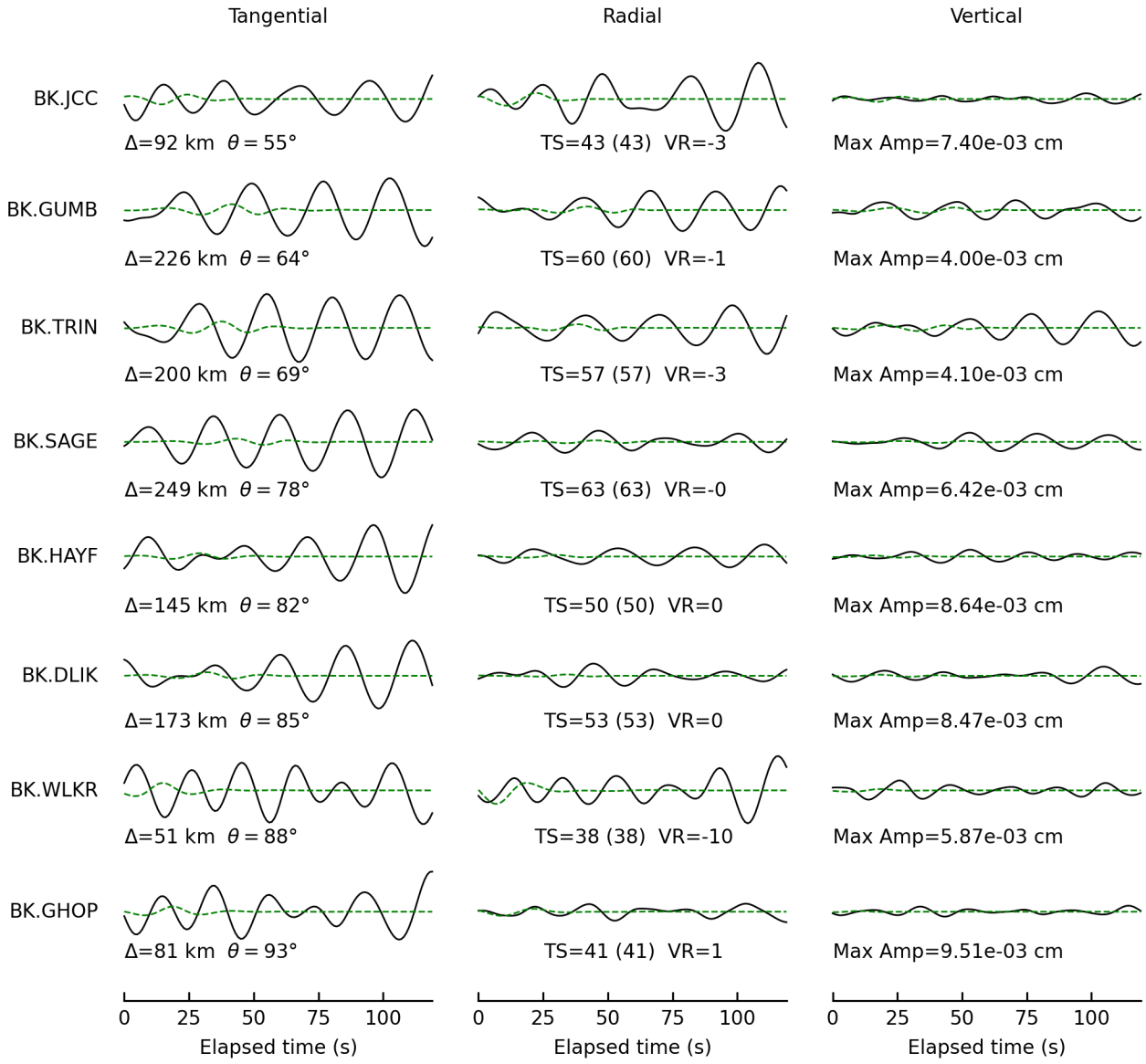
BK.MILL
Δ=168 km θ = 26°
TS=56 (53) VR=-4
Max Amp=4.09e-03 cm

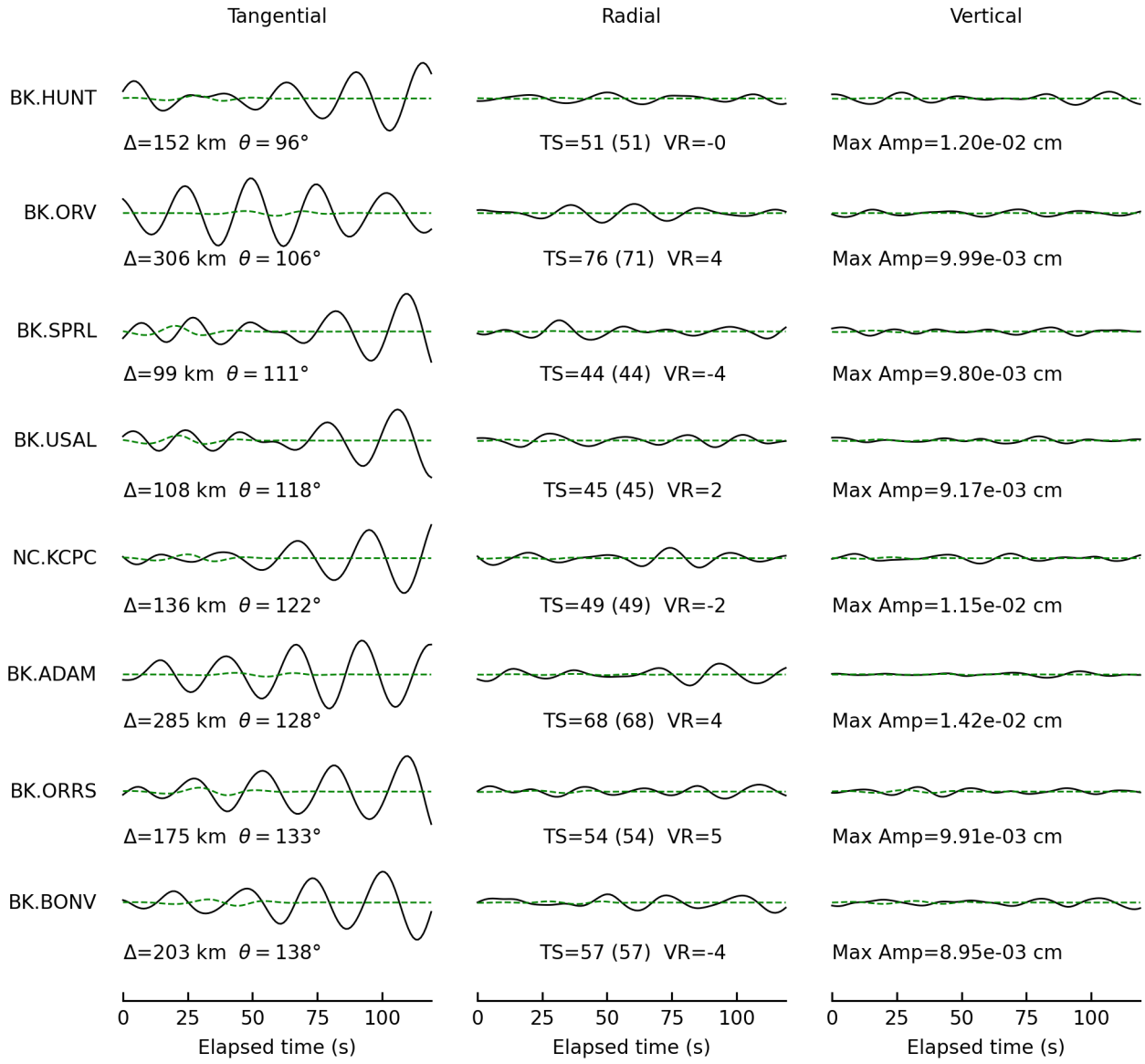
UO.SALT
Δ=308 km θ = 39°
TS=71 (71) VR=-2
Max Amp=2.72e-03 cm

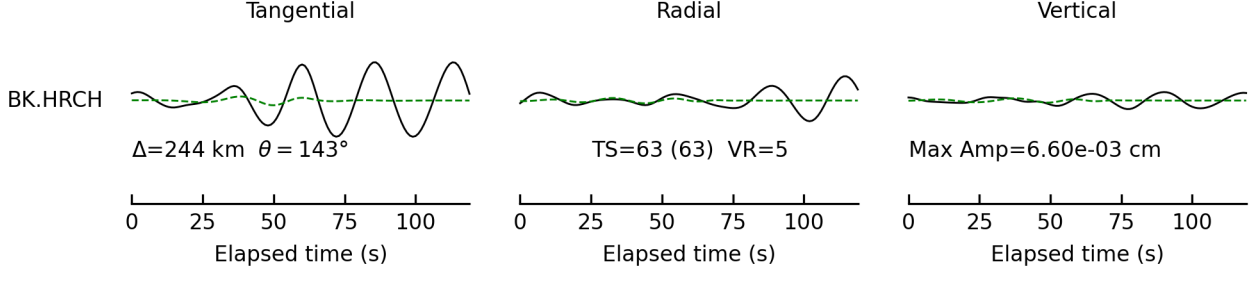
BK.SEIA
Δ=224 km θ = 41°
TS=60 (60) VR=0
Max Amp=2.88e-03 cm

BK.YBH
Δ=242 km θ = 50°
TS=62 (62) VR=-5
Max Amp=3.95e-03 cm

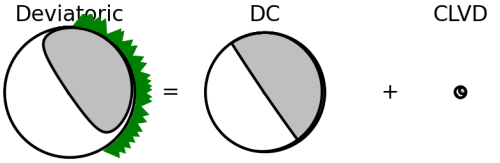
0 25 50 75 100
Elapsed time (s)

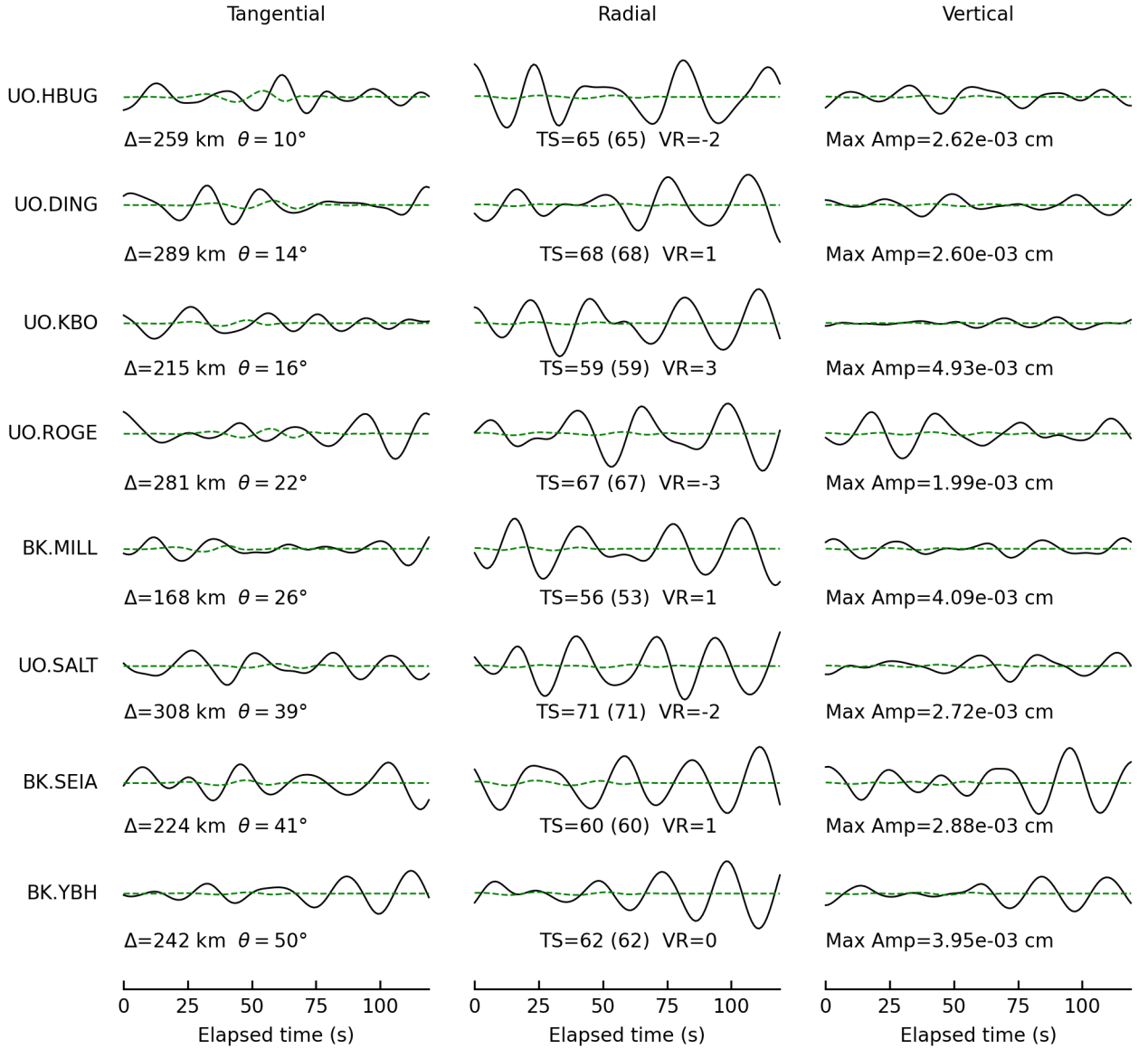

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 55°
TS=43 (43) VR=-3
Max Amp=7.40e-03 cm
BK.GUMB
Δ=226 km θ = 64°
TS=60 (60) VR=-1
Max Amp=4.00e-03 cm
BK.TRIN
Δ=200 km θ = 69°
TS=57 (57) VR=-3
Max Amp=4.10e-03 cm
BK.SAGE
Δ=249 km θ = 78°
TS=63 (63) VR=-0
Max Amp=6.42e-03 cm
BK.HAYF
Δ=145 km θ = 82°
TS=50 (50) VR=0
Max Amp=8.64e-03 cm
BK.DLIK
Δ=173 km θ = 85°
TS=53 (53) VR=0
Max Amp=8.47e-03 cm
BK.WLKR
Δ=51 km θ = 88°
TS=38 (38) VR=-10
Max Amp=5.87e-03 cm
BK.GHOP
Δ=81 km θ = 93°
TS=41 (41) VR=1
Max Amp=9.51e-03 cm
0 25 50 75 100
Elapsed time (s)

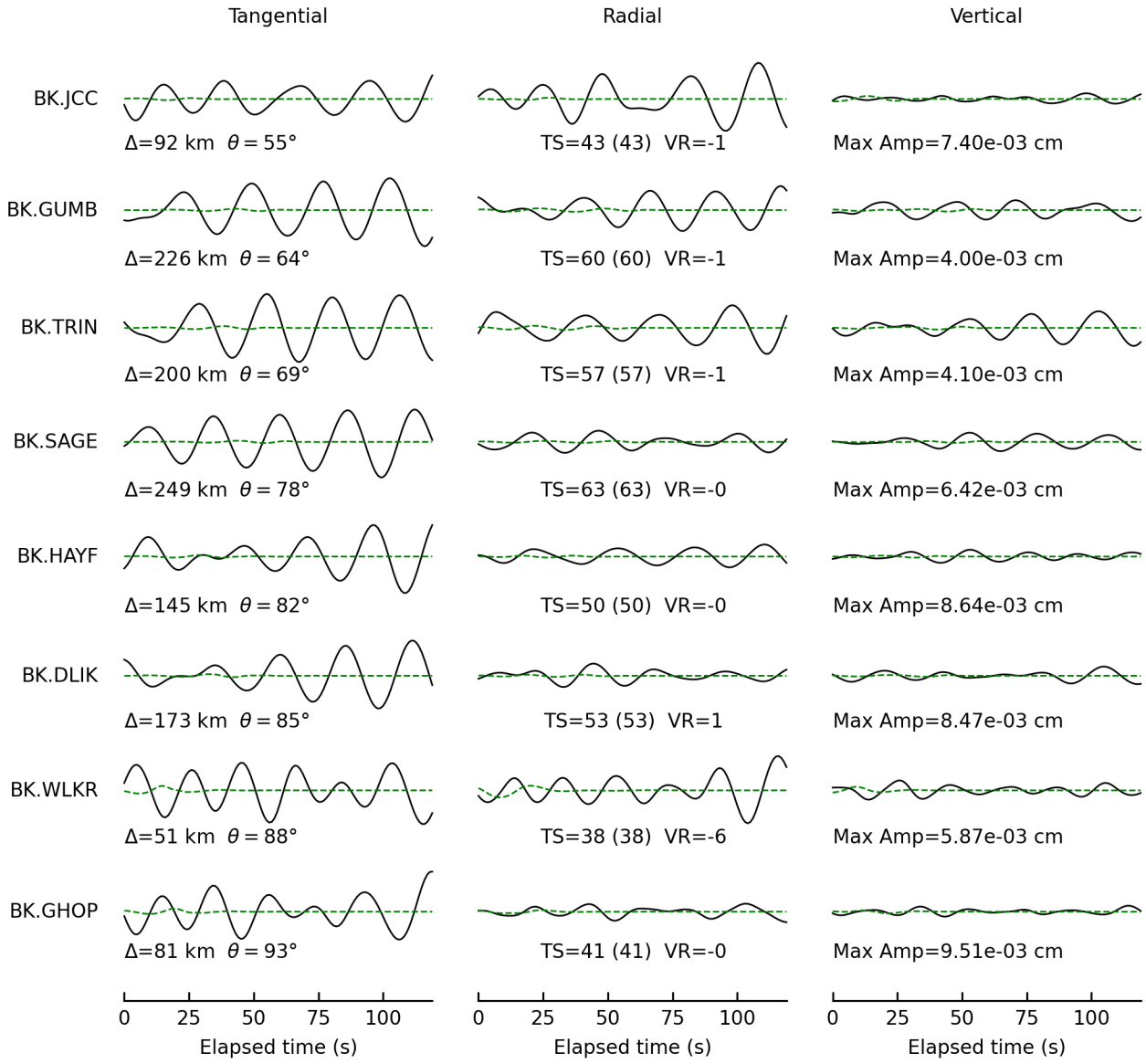

Tangential
Radial
Vertical
BK.HUNT
Δ=152 km θ = 96°
TS=51 (51) VR=-0
Max Amp=1.20e-02 cm
BK.ORV
Δ=306 km θ = 106°
TS=76 (71) VR=4
Max Amp=9.99e-03 cm
BK.SPRL
Δ=99 km θ = 111°
TS=44 (44) VR=-4
Max Amp=9.80e-03 cm
BK.USAL
Δ=108 km θ = 118°
TS=45 (45) VR=2
Max Amp=9.17e-03 cm
NC.KCPC
Δ=136 km θ = 122°
TS=49 (49) VR=-2
Max Amp=1.15e-02 cm
BK.ADAM
Δ=285 km θ = 128°
TS=68 (68) VR=4
Max Amp=1.42e-02 cm
BK.ORRS
Δ=175 km θ = 133°
TS=54 (54) VR=5
Max Amp=9.91e-03 cm
BK.BONV
Δ=203 km θ = 138°
TS=57 (57) VR=-4
Max Amp=8.95e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

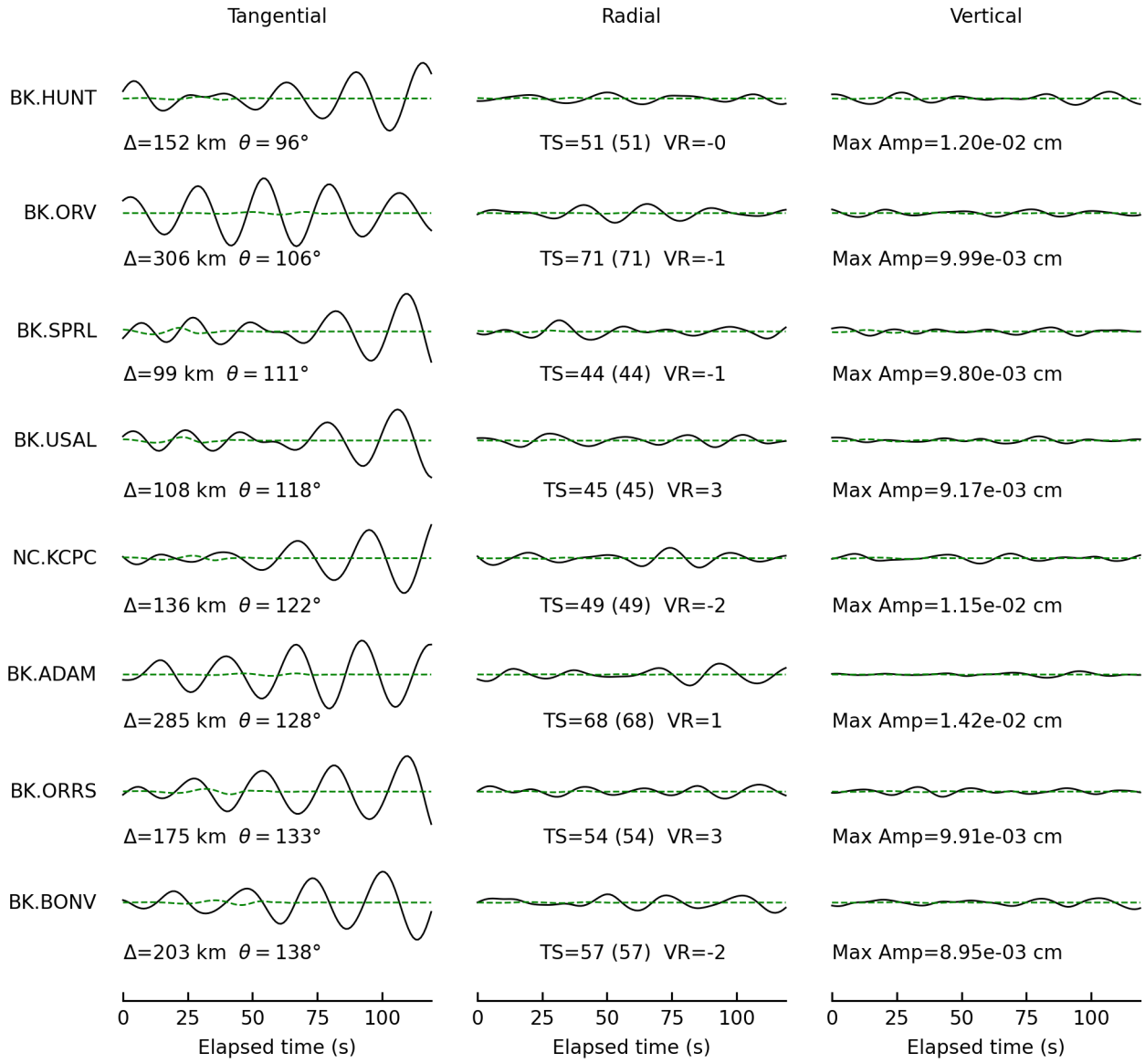

Tangential
Radial
Vertical
BK.HRCH
Δ=244 km θ = 143°
TS=63 (63) VR=5
Max Amp=6.60e-03 cm
0
25
50
75
100
Elapsed time (s)

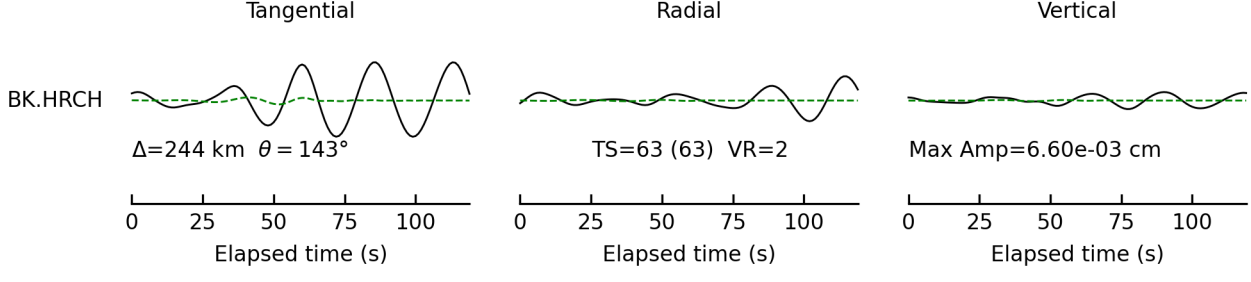
Deviatoric Moment Tensor Inversion
Evid = 75095961
Depth = 1.0 km
Mw = 5.02
M0 = 4.24e+23 dyne-cm
Percent DC/CLVD/ISO = 92/8/0
sdr = (12,3,136) (146,88,88)
npts = 120 vred = 7.692 km/s
VR = 0.22% lune:-2,0



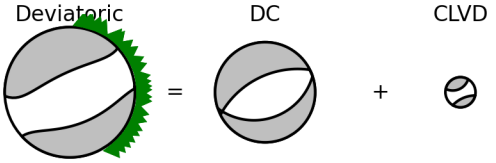


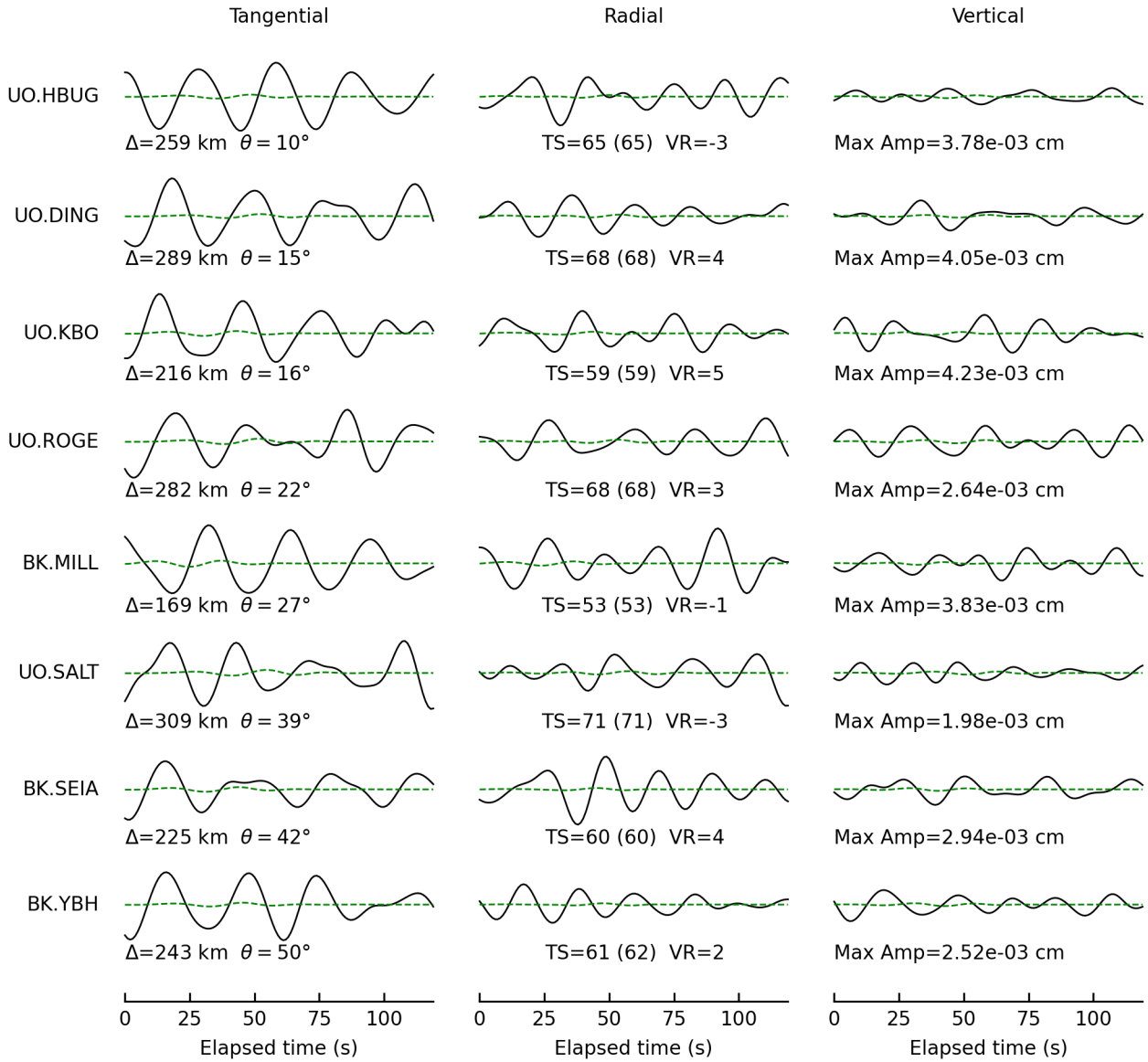

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 55°
TS=43 (43) VR=-1
Max Amp=7.40e-03 cm
BK.GUMB
Δ=226 km θ = 64°
TS=60 (60) VR=-1
Max Amp=4.00e-03 cm
BK.TRIN
Δ=200 km θ = 69°
TS=57 (57) VR=-1
Max Amp=4.10e-03 cm
BK.SAGE
Δ=249 km θ = 78°
TS=63 (63) VR=-0
Max Amp=6.42e-03 cm
BK.HAYF
Δ=145 km θ = 82°
TS=50 (50) VR=-0
Max Amp=8.64e-03 cm
BK.DLIK
Δ=173 km θ = 85°
TS=53 (53) VR=1
Max Amp=8.47e-03 cm
BK.WLKR
Δ=51 km θ = 88°
TS=38 (38) VR=-6
Max Amp=5.87e-03 cm
BK.GHOP
Δ=81 km θ = 93°
TS=41 (41) VR=-0
Max Amp=9.51e-03 cm
0 25 50 75 100
Elapsed time (s)

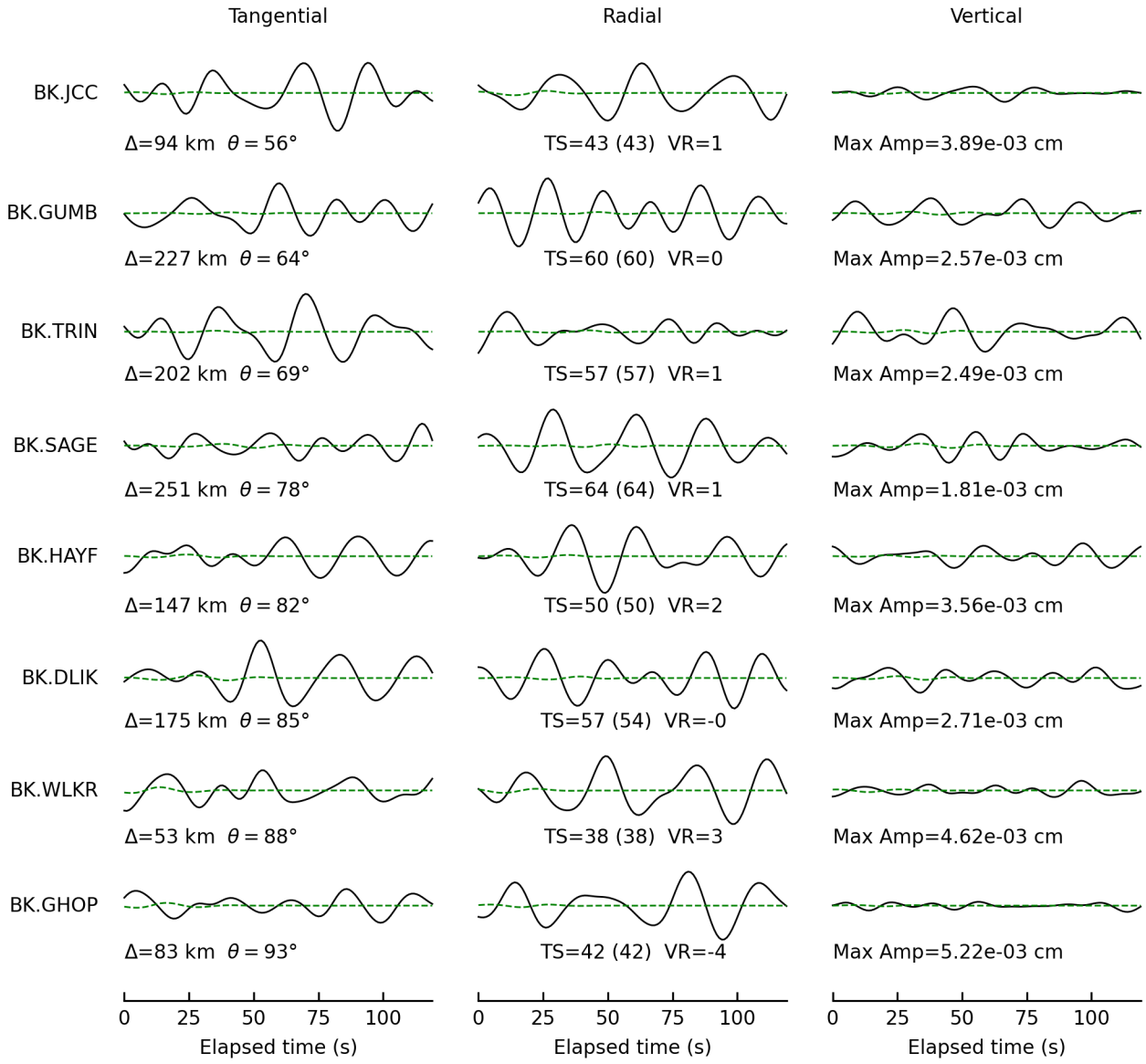

Tangential
Radial
Vertical
BK.HUNT
Δ=152 km θ = 96°
TS=51 (51) VR=-0
Max Amp=1.20e-02 cm
BK.ORV
Δ=306 km θ = 106°
TS=71 (71) VR=-1
Max Amp=9.99e-03 cm
BK.SPRL
Δ=99 km θ = 111°
TS=44 (44) VR=-1
Max Amp=9.80e-03 cm
BK.USAL
Δ=108 km θ = 118°
TS=45 (45) VR=3
Max Amp=9.17e-03 cm
NC.KCPC
Δ=136 km θ = 122°
TS=49 (49) VR=-2
Max Amp=1.15e-02 cm
BK.ADAM
Δ=285 km θ = 128°
TS=68 (68) VR=1
Max Amp=1.42e-02 cm
BK.ORRS
Δ=175 km θ = 133°
TS=54 (54) VR=3
Max Amp=9.91e-03 cm
BK.BONV
Δ=203 km θ = 138°
TS=57 (57) VR=-2
Max Amp=8.95e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

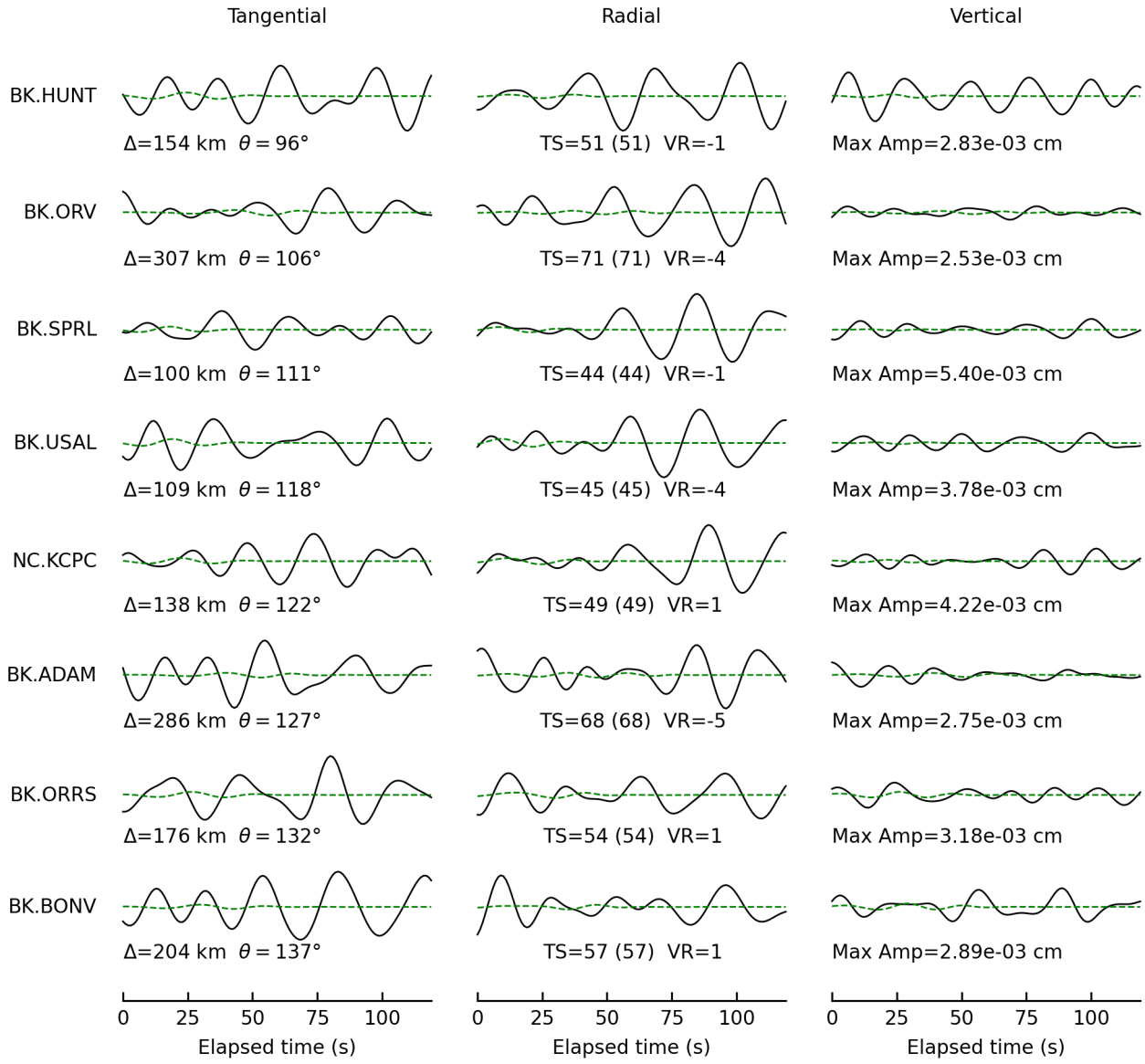

Tangential
Radial
Vertical
BK.HRCH
Δ=244 km θ = 143°
TS=63 (63) VR=2
Max Amp=6.60e-03 cm
0
25
50
75
100
Elapsed time (s)

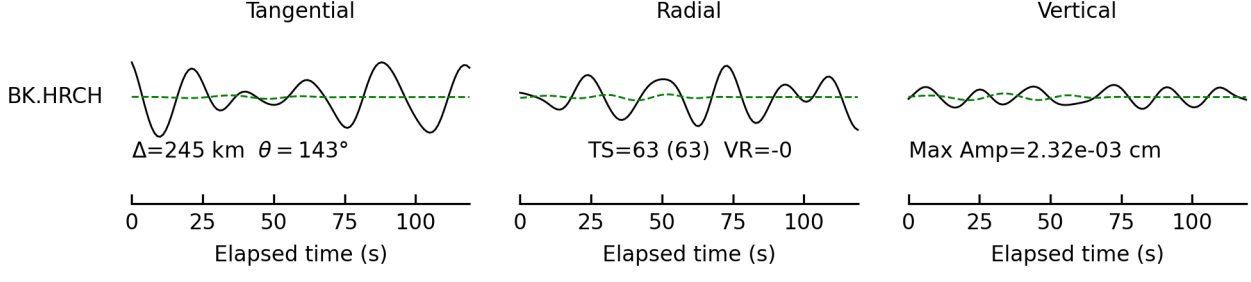
Deviatoric Moment Tensor Inversion
Evid = 75096066
Depth = 39.0 km
Mw = 4.74
M0 = 1.61e+23 dyne-cm
Percent DC/CLVD/ISO = 77/23/0
sdr = (71,35,-83) (243,56,-95)
npts = 120 vred = 7.692 km/s
VR = 0.35% lune:-6,0



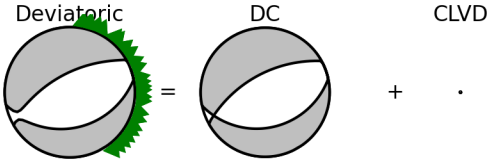


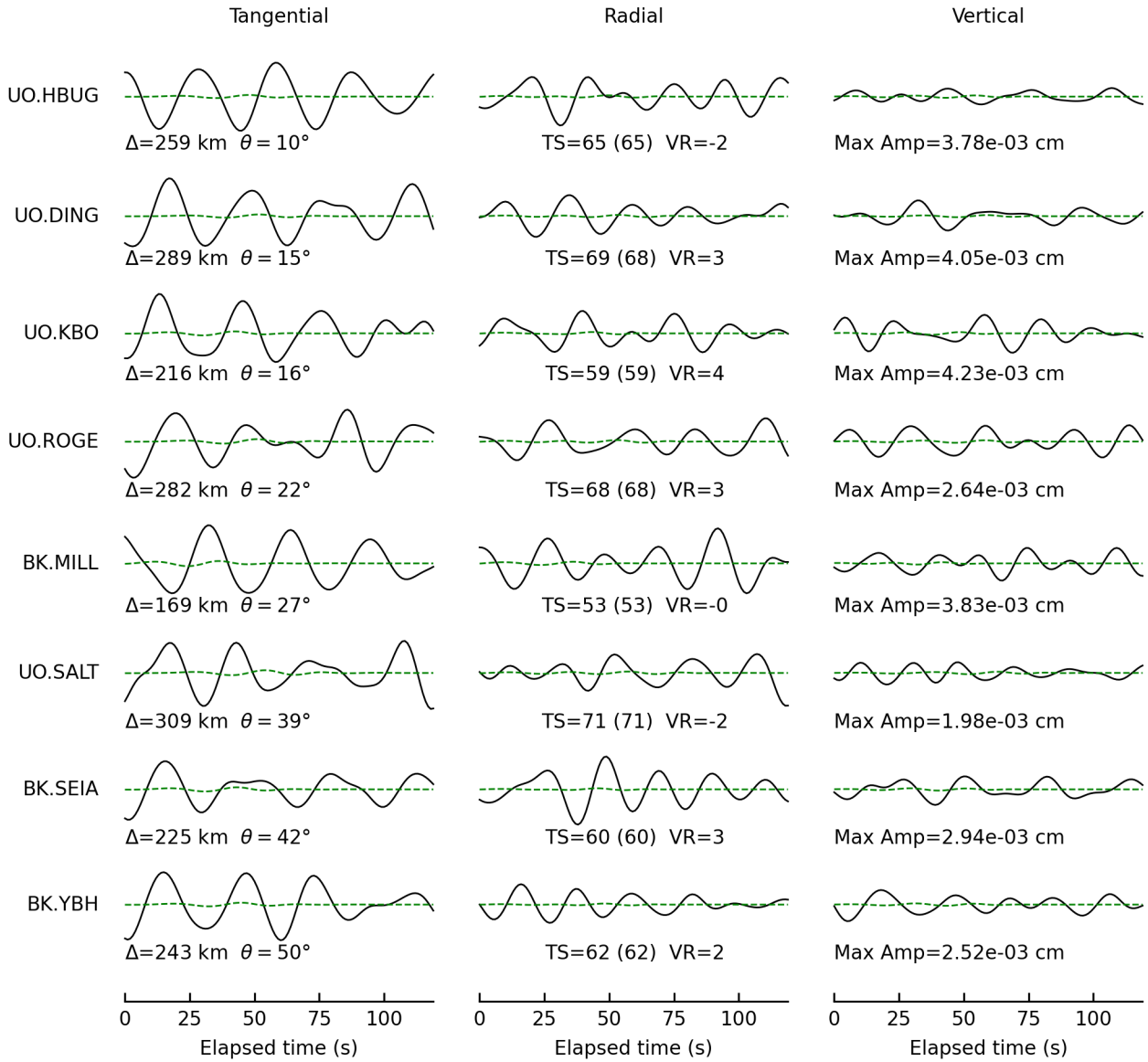

Tangential
Radial
Vertical
BK.JCC
Δ=94 km θ = 56°
TS=43 (43) VR=1
Max Amp=3.89e-03 cm
BK.GUMB
Δ=227 km θ = 64°
TS=60 (60) VR=0
Max Amp=2.57e-03 cm
BK.TRIN
Δ=202 km θ = 69°
TS=57 (57) VR=1
Max Amp=2.49e-03 cm
BK.SAGE
Δ=251 km θ = 78°
TS=64 (64) VR=1
Max Amp=1.81e-03 cm
BK.HAYF
Δ=147 km θ = 82°
TS=50 (50) VR=2
Max Amp=3.56e-03 cm
BK.DLIK
Δ=175 km θ = 85°
TS=57 (54) VR=-0
Max Amp=2.71e-03 cm
BK.WLKR
Δ=53 km θ = 88°
TS=38 (38) VR=3
Max Amp=4.62e-03 cm
BK.GHOP
Δ=83 km θ = 93°
TS=42 (42) VR=-4
Max Amp=5.22e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

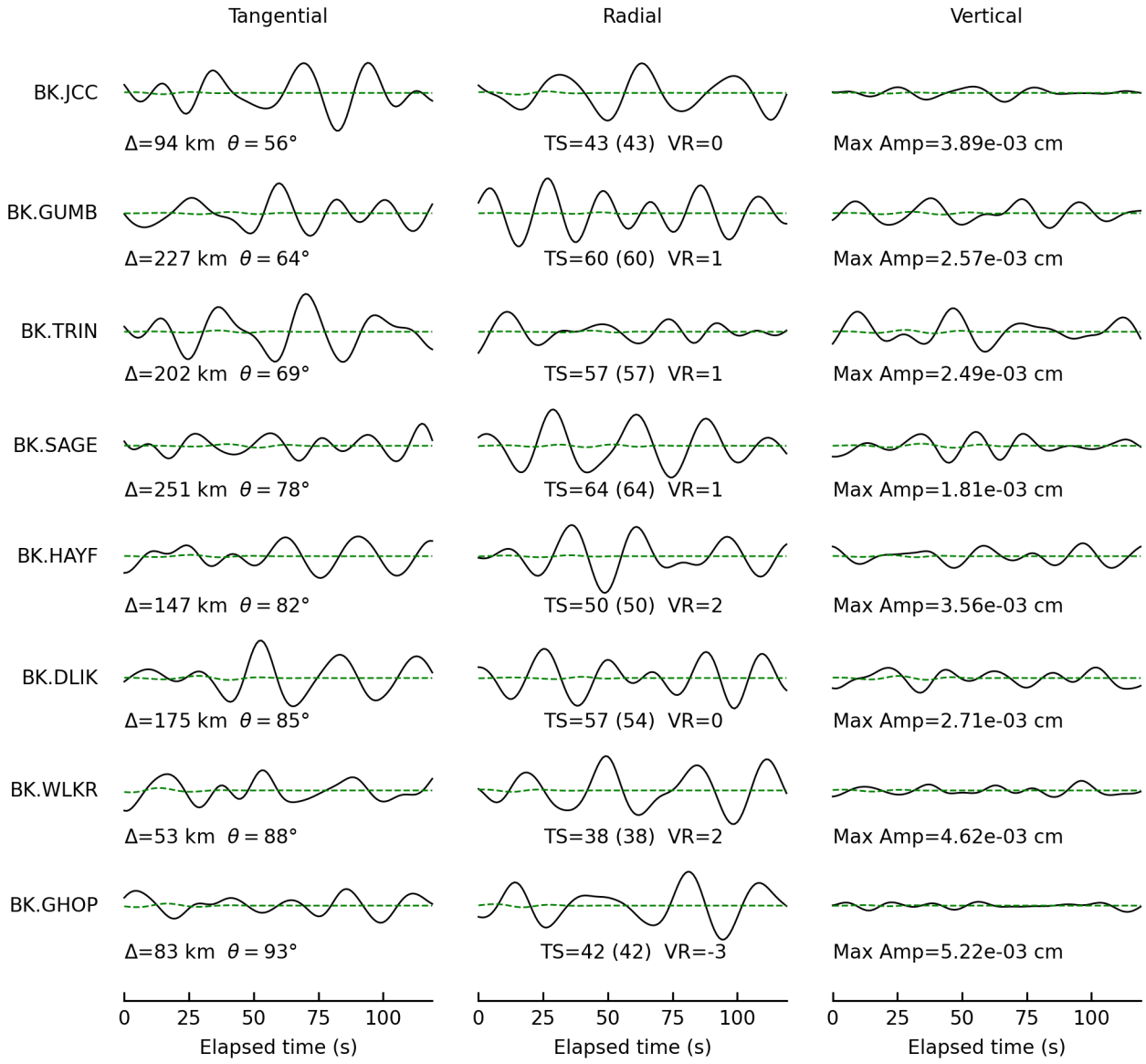

Tangential
Radial
Vertical
BK.HUNT
Δ=154 km θ = 96°
TS=51 (51) VR=-1
Max Amp=2.83e-03 cm
BK.ORV
Δ=307 km θ = 106°
TS=71 (71) VR=-4
Max Amp=2.53e-03 cm
BK.SPRL
Δ=100 km θ = 111°
TS=44 (44) VR=-1
Max Amp=5.40e-03 cm
BK.USAL
Δ=109 km θ = 118°
TS=45 (45) VR=-4
Max Amp=3.78e-03 cm
NC.KCPC
Δ=138 km θ = 122°
TS=49 (49) VR=1
Max Amp=4.22e-03 cm
BK.ADAM
Δ=286 km θ = 127°
TS=68 (68) VR=-5
Max Amp=2.75e-03 cm
BK.ORRS
Δ=176 km θ = 132°
TS=54 (54) VR=1
Max Amp=3.18e-03 cm
BK.BONV
Δ=204 km θ = 137°
TS=57 (57) VR=1
Max Amp=2.89e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

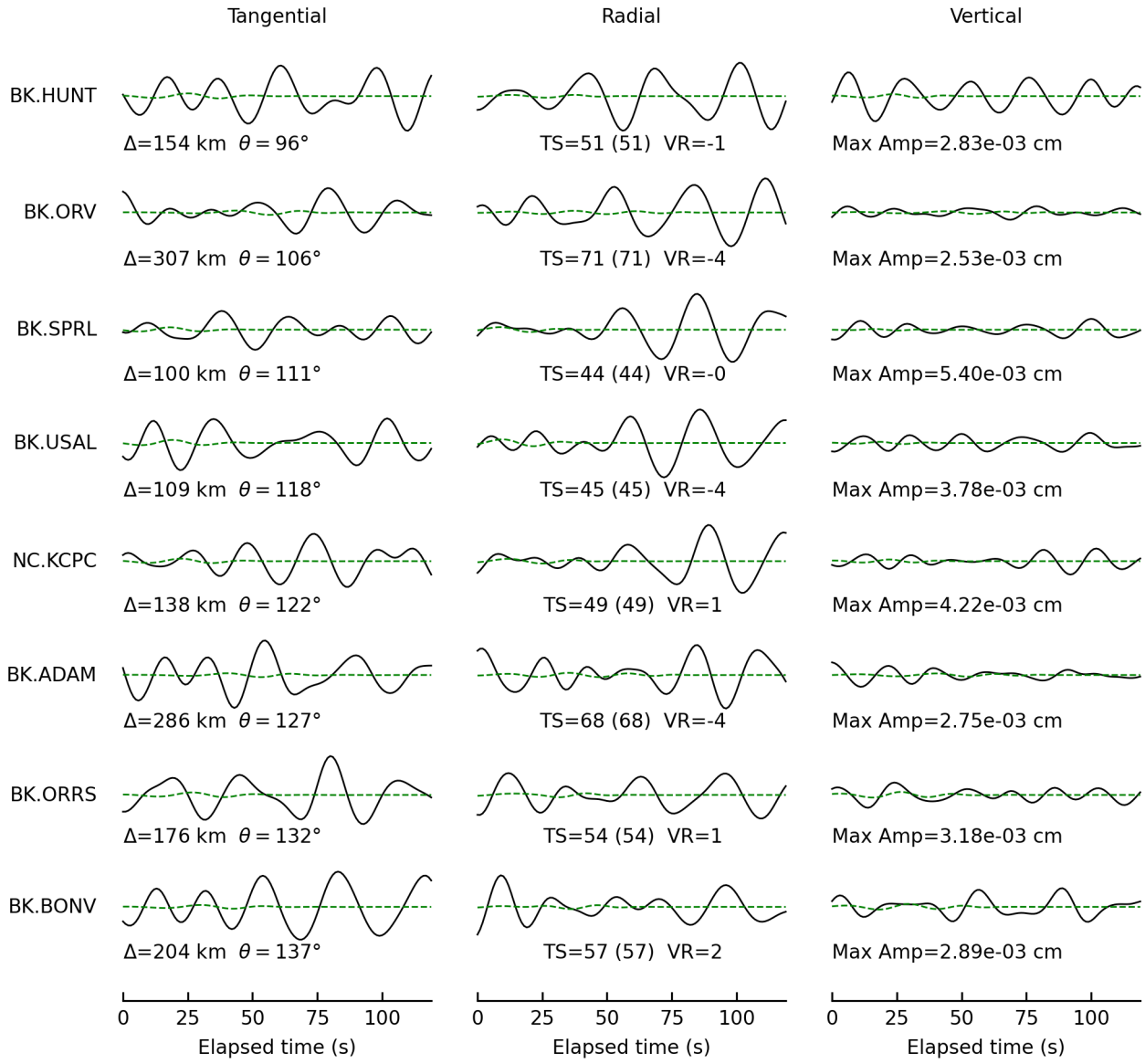

Tangential
Radial
Vertical
BK.HRCH
Δ=245 km θ = 143°
TS=63 (63) VR=-0
Max Amp=2.32e-03 cm
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)

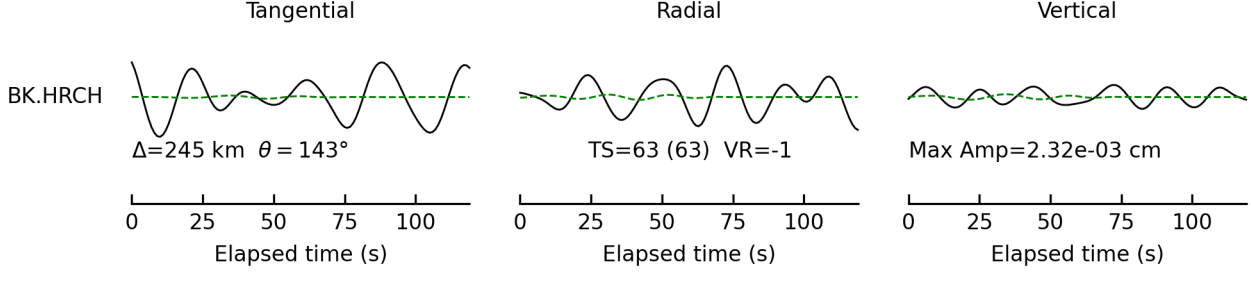
Deviatoric Moment Tensor Inversion
Evid = 75096066
Depth = 32.0 km
Mw = 4.68
M0 = 1.31e+23 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (78,32,-76) (241,59,-99)
npts = 120 vred = 7.692 km/s
VR = 0.25% lune:0,0



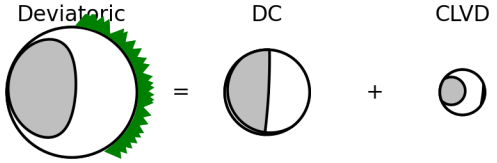


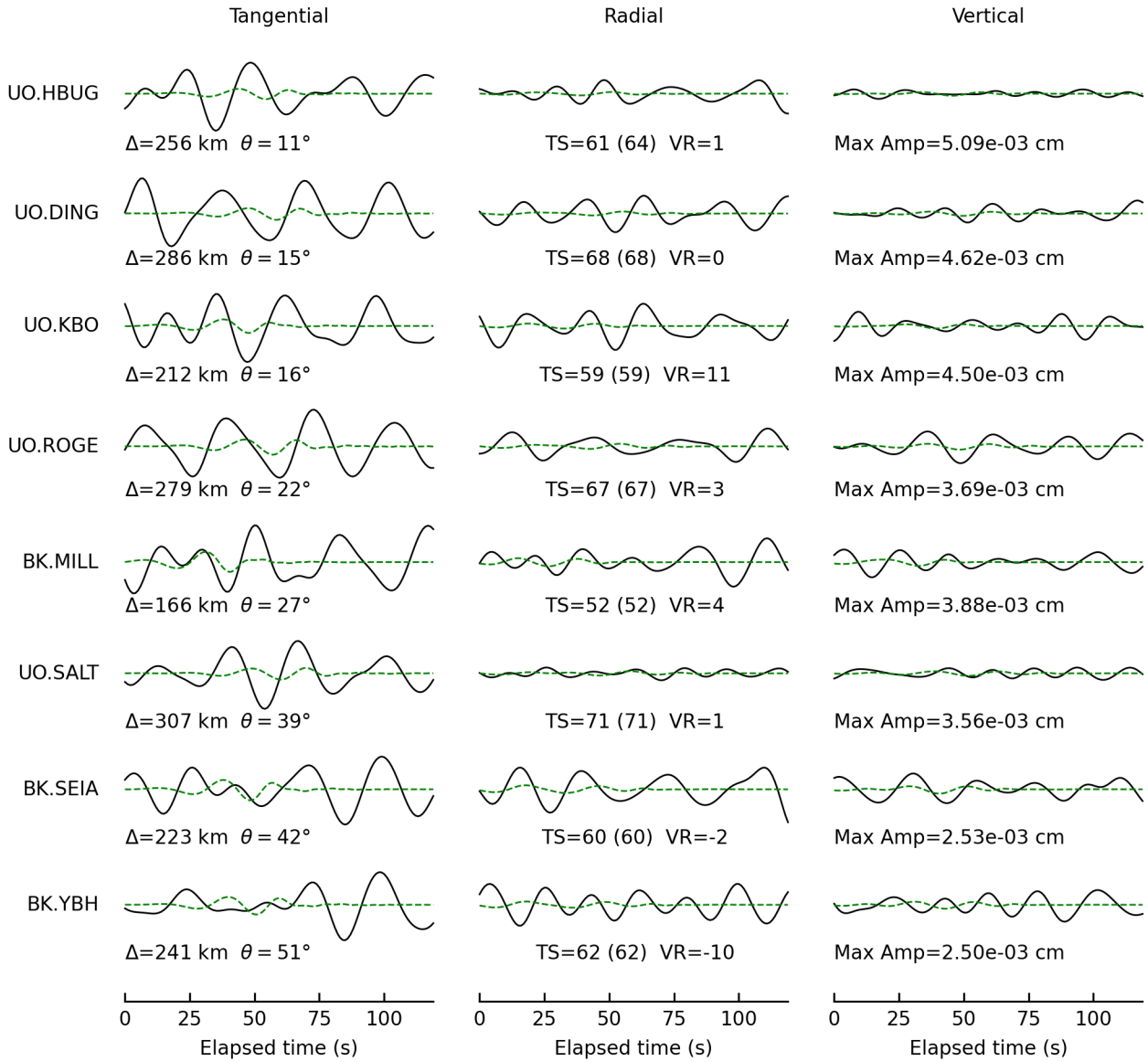

Tangential
Radial
Vertical
BK.JCC
Δ=94 km θ = 56°
TS=43 (43) VR=0
Max Amp=3.89e-03 cm
BK.GUMB
Δ=227 km θ = 64°
TS=60 (60) VR=1
Max Amp=2.57e-03 cm
BK.TRIN
Δ=202 km θ = 69°
TS=57 (57) VR=1
Max Amp=2.49e-03 cm
BK.SAGE
Δ=251 km θ = 78°
TS=64 (64) VR=1
Max Amp=1.81e-03 cm
BK.HAYF
Δ=147 km θ = 82°
TS=50 (50) VR=2
Max Amp=3.56e-03 cm
BK.DLIK
Δ=175 km θ = 85°
TS=57 (54) VR=0
Max Amp=2.71e-03 cm
BK.WLKR
Δ=53 km θ = 88°
TS=38 (38) VR=2
Max Amp=4.62e-03 cm
BK.GHOP
Δ=83 km θ = 93°
TS=42 (42) VR=-3
Max Amp=5.22e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

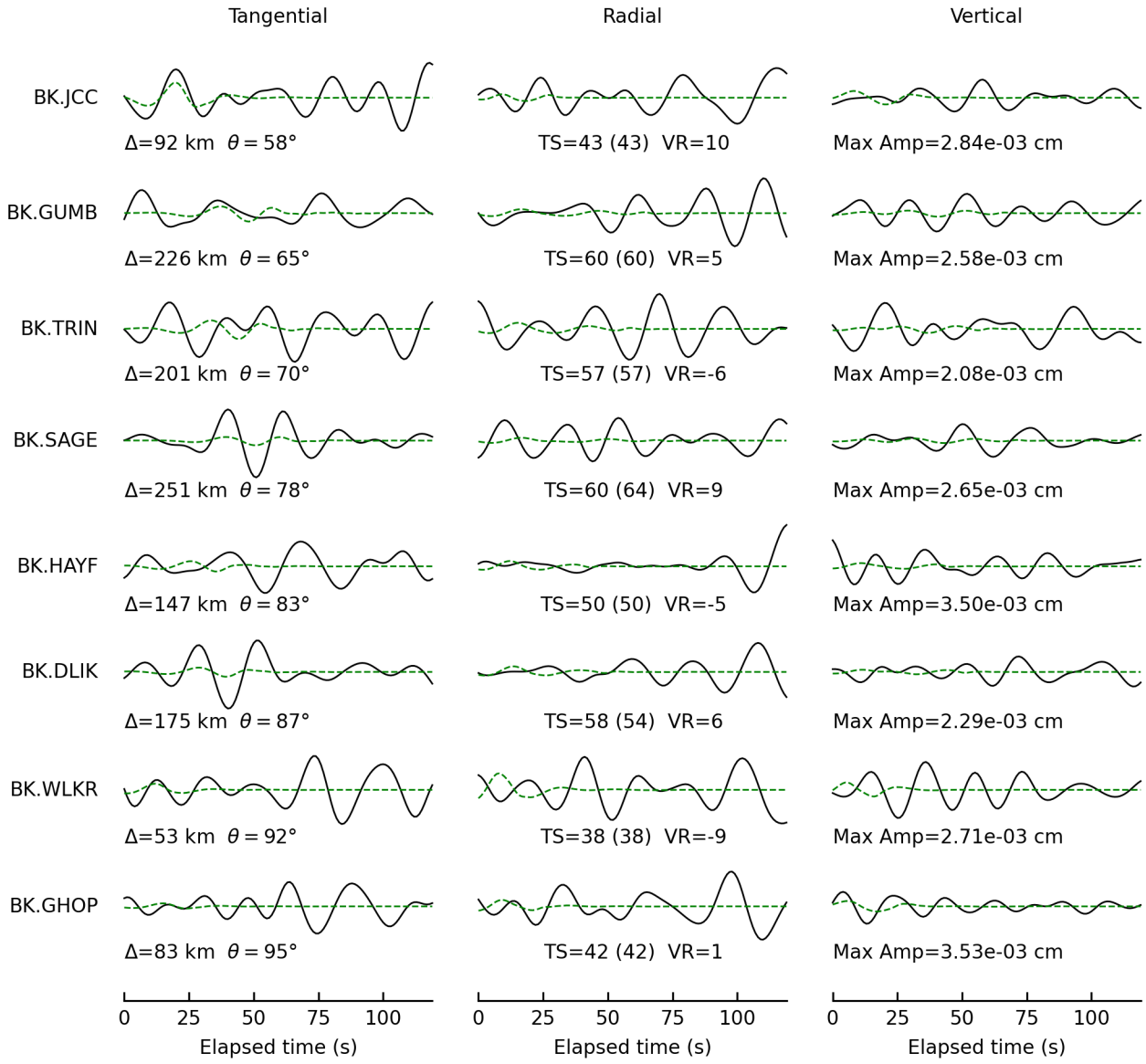

Tangential
Radial
Vertical
BK.HUNT
Δ=154 km θ = 96°
TS=51 (51) VR=-1
Max Amp=2.83e-03 cm
BK.ORV
Δ=307 km θ = 106°
TS=71 (71) VR=-4
Max Amp=2.53e-03 cm
BK.SPRL
Δ=100 km θ = 111°
TS=44 (44) VR=-0
Max Amp=5.40e-03 cm
BK.USAL
Δ=109 km θ = 118°
TS=45 (45) VR=-4
Max Amp=3.78e-03 cm
NC.KCPC
Δ=138 km θ = 122°
TS=49 (49) VR=1
Max Amp=4.22e-03 cm
BK.ADAM
Δ=286 km θ = 127°
TS=68 (68) VR=-4
Max Amp=2.75e-03 cm
BK.ORRS
Δ=176 km θ = 132°
TS=54 (54) VR=1
Max Amp=3.18e-03 cm
BK.BONV
Δ=204 km θ = 137°
TS=57 (57) VR=2
Max Amp=2.89e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

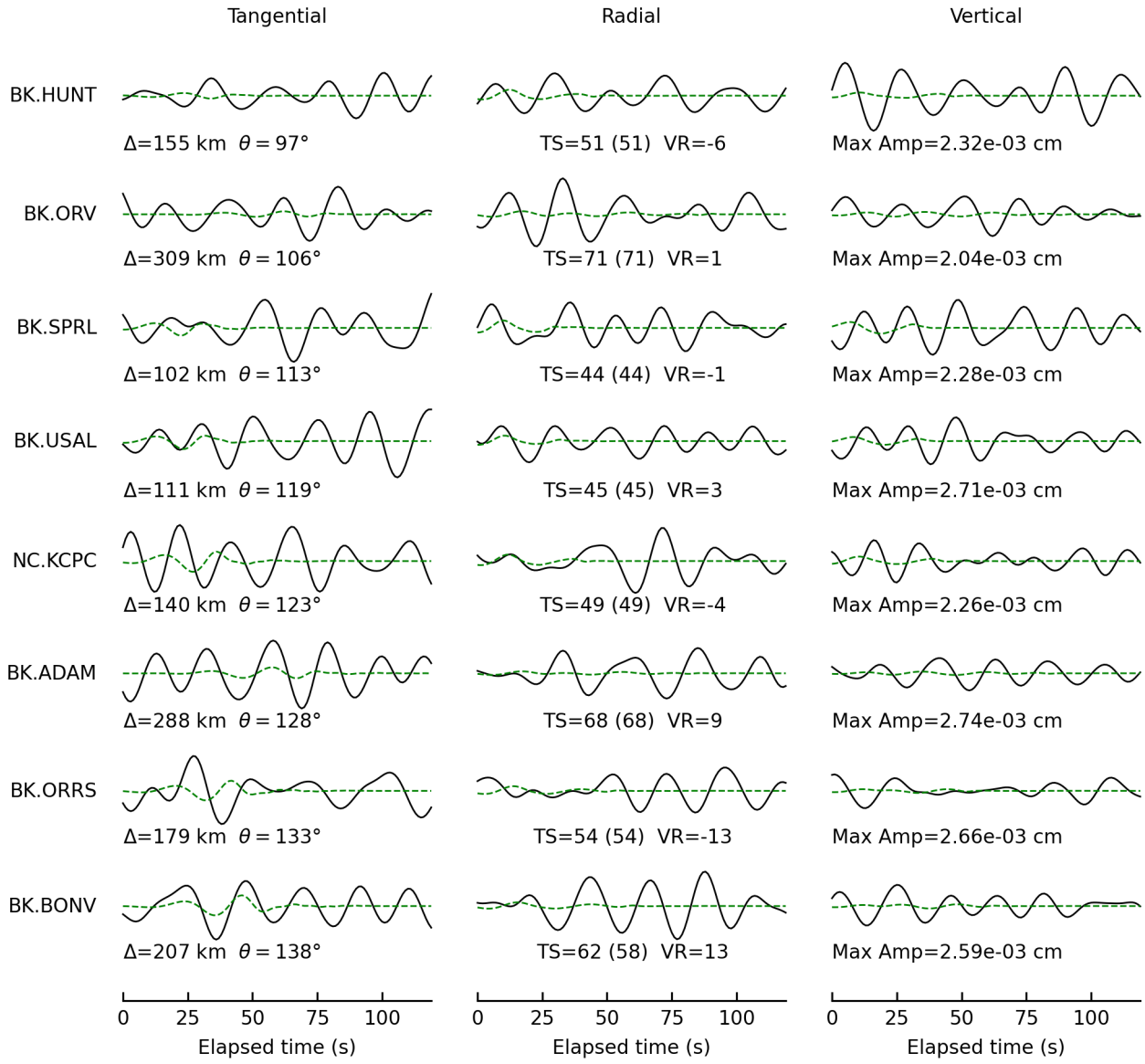

Tangential
Radial
Vertical
BK.HRCH
Δ=245 km θ = 143°
TS=63 (63) VR=-1
Max Amp=2.32e-03 cm
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)

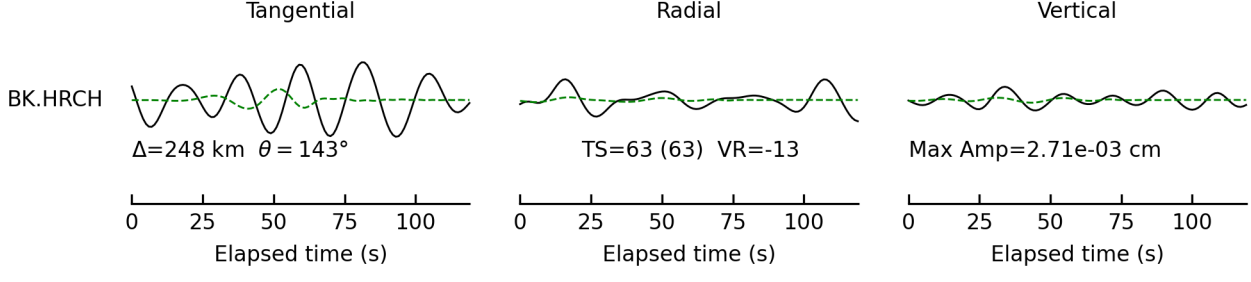
Deviatoric Moment Tensor Inversion
Evid = 75096071
Depth = 2.0 km
Mw = 4.99
M0 = 3.77e+23 dyne-cm
Percent DC/CLVD/ISO = 65/35/0
sdr = (144,5,51) (3,86,93)
npts = 120 vred = 7.692 km/s
VR = 1.91% lune:-9,0



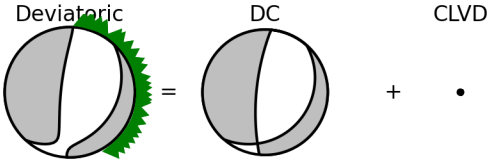


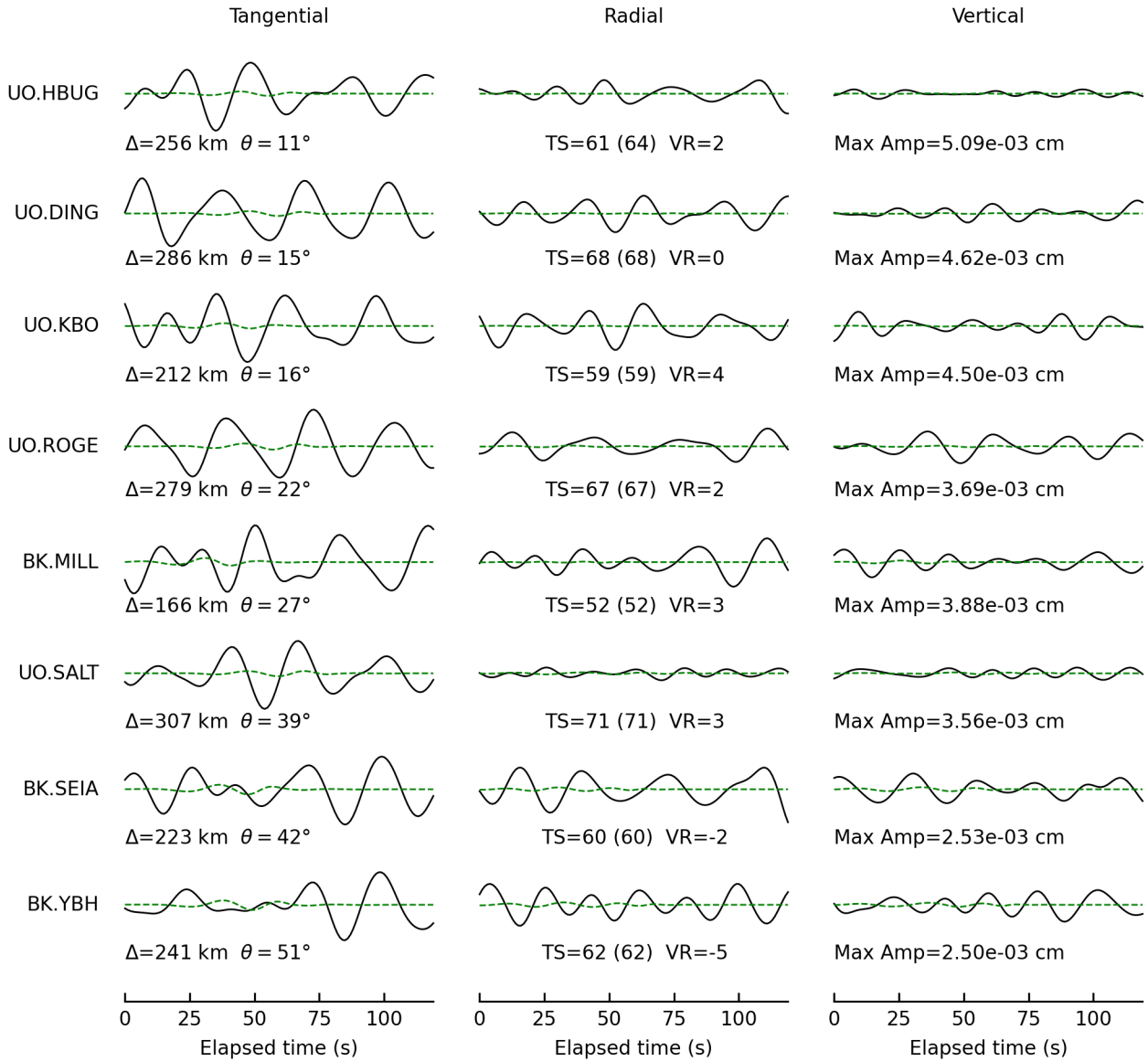

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 58°
TS=43 (43) VR=10
Max Amp=2.84e-03 cm
BK.GUMB
Δ=226 km θ = 65°
TS=60 (60) VR=5
Max Amp=2.58e-03 cm
BK.TRIN
Δ=201 km θ = 70°
TS=57 (57) VR=-6
Max Amp=2.08e-03 cm
BK.SAGE
Δ=251 km θ = 78°
TS=60 (64) VR=9
Max Amp=2.65e-03 cm
BK.HAYF
Δ=147 km θ = 83°
TS=50 (50) VR=-5
Max Amp=3.50e-03 cm
BK.DLIK
Δ=175 km θ = 87°
TS=58 (54) VR=6
Max Amp=2.29e-03 cm
BK.WLKR
Δ=53 km θ = 92°
TS=38 (38) VR=-9
Max Amp=2.71e-03 cm
BK.GHOP
Δ=83 km θ = 95°
TS=42 (42) VR=1
Max Amp=3.53e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

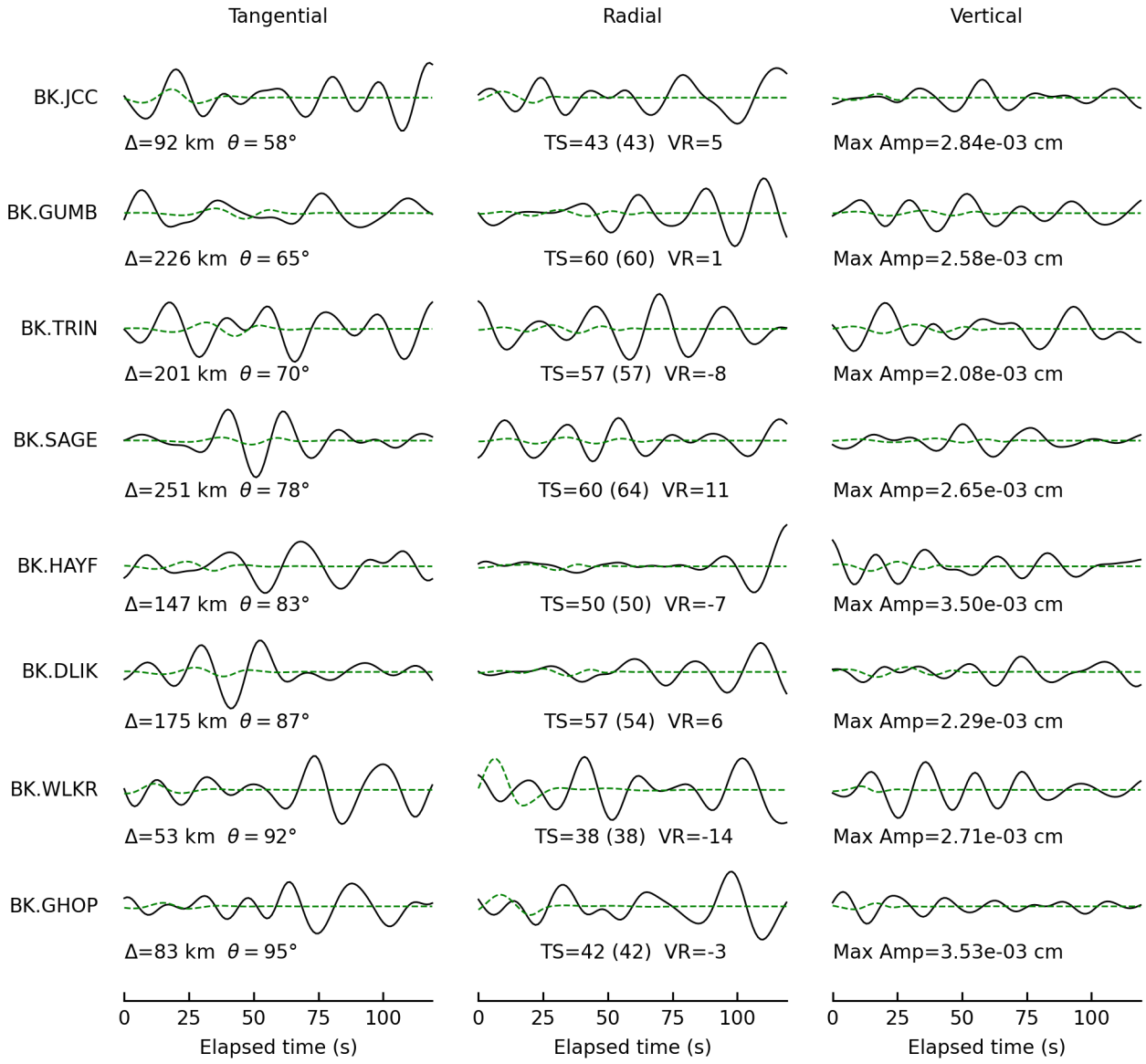

Tangential
Radial
Vertical
BK.HUNT
Δ=155 km θ = 97°
TS=51 (51) VR=-6
Max Amp=2.32e-03 cm
BK.ORV
Δ=309 km θ = 106°
TS=71 (71) VR=1
Max Amp=2.04e-03 cm
BK.SPRL
Δ=102 km θ = 113°
TS=44 (44) VR=-1
Max Amp=2.28e-03 cm
BK.USAL
Δ=111 km θ = 119°
TS=45 (45) VR=3
Max Amp=2.71e-03 cm
NC.KCPC
Δ=140 km θ = 123°
TS=49 (49) VR=-4
Max Amp=2.26e-03 cm
BK.ADAM
Δ=288 km θ = 128°
TS=68 (68) VR=9
Max Amp=2.74e-03 cm
BK.ORRS
Δ=179 km θ = 133°
TS=54 (54) VR=-13
Max Amp=2.66e-03 cm
BK.BONV
Δ=207 km θ = 138°
TS=62 (58) VR=13
Max Amp=2.59e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

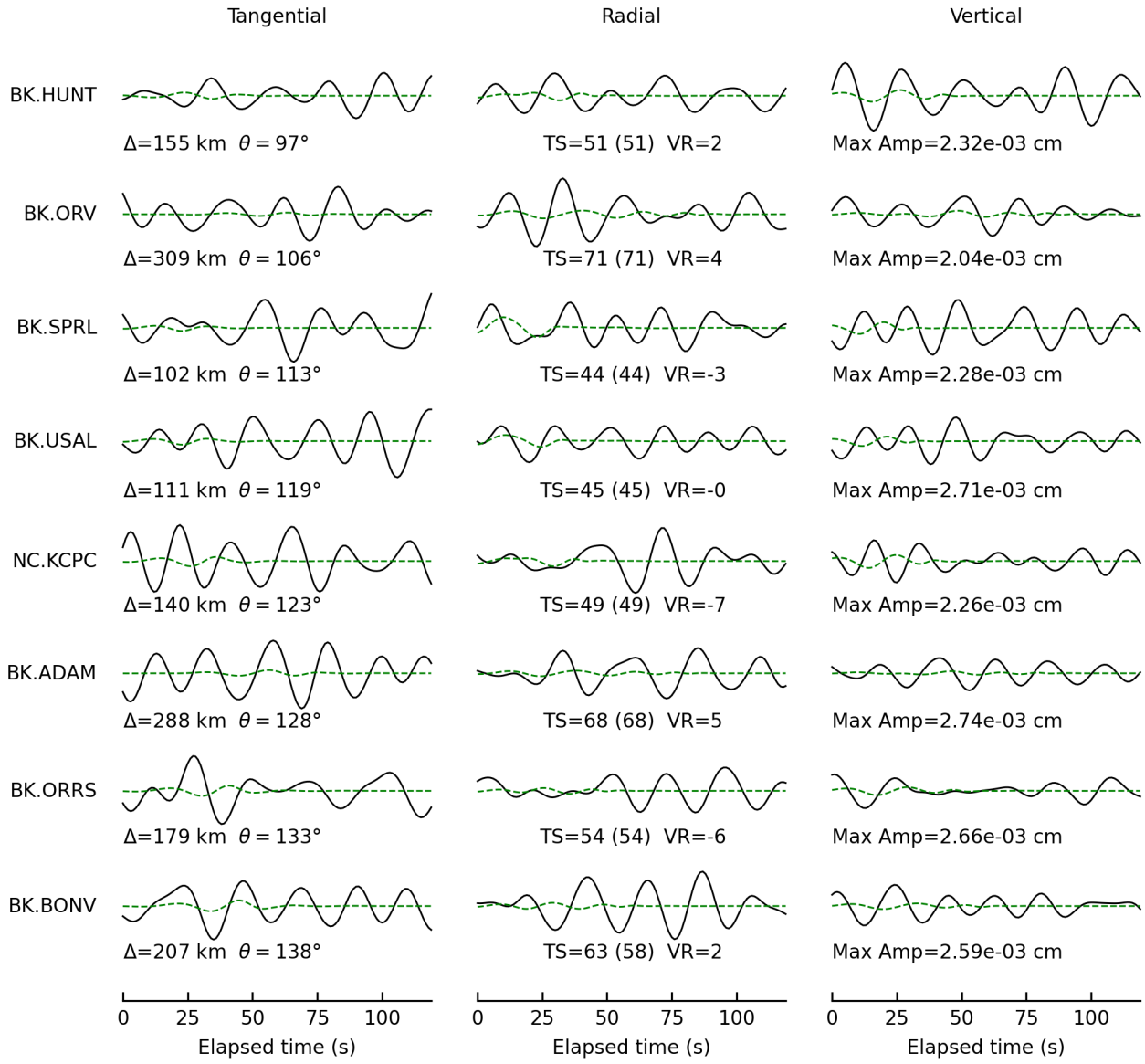

Tangential
Radial
Vertical
BK.HRCH
Δ=248 km θ = 143°
TS=63 (63) VR=-13
Max Amp=2.71e-03 cm
0
25
50
75
100
Elapsed time (s)

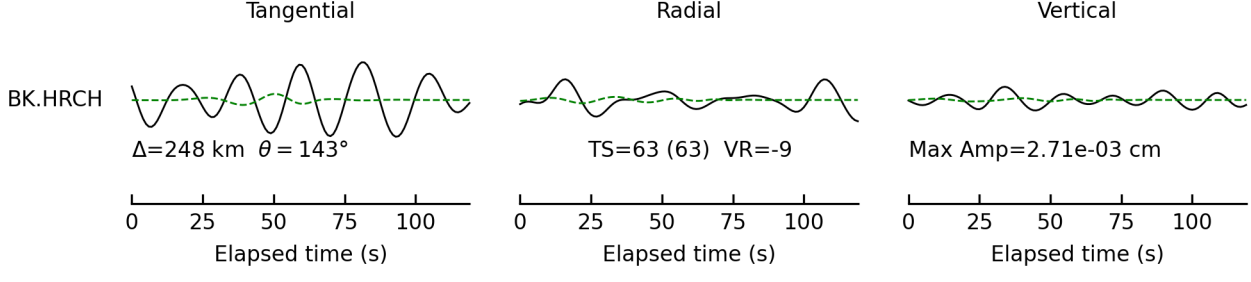
Deviatoric Moment Tensor Inversion
Evid = 75096071
Depth = 11.0 km
Mw = 4.72
M0 = 1.47e+23 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (41,19,-56) (185,74,-101)
npts = 120 vred = 7.692 km/s
VR = 0.88% lune:-1,0



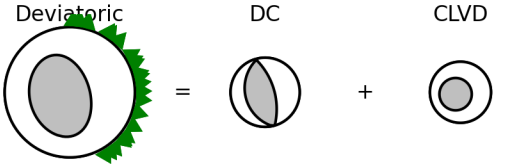


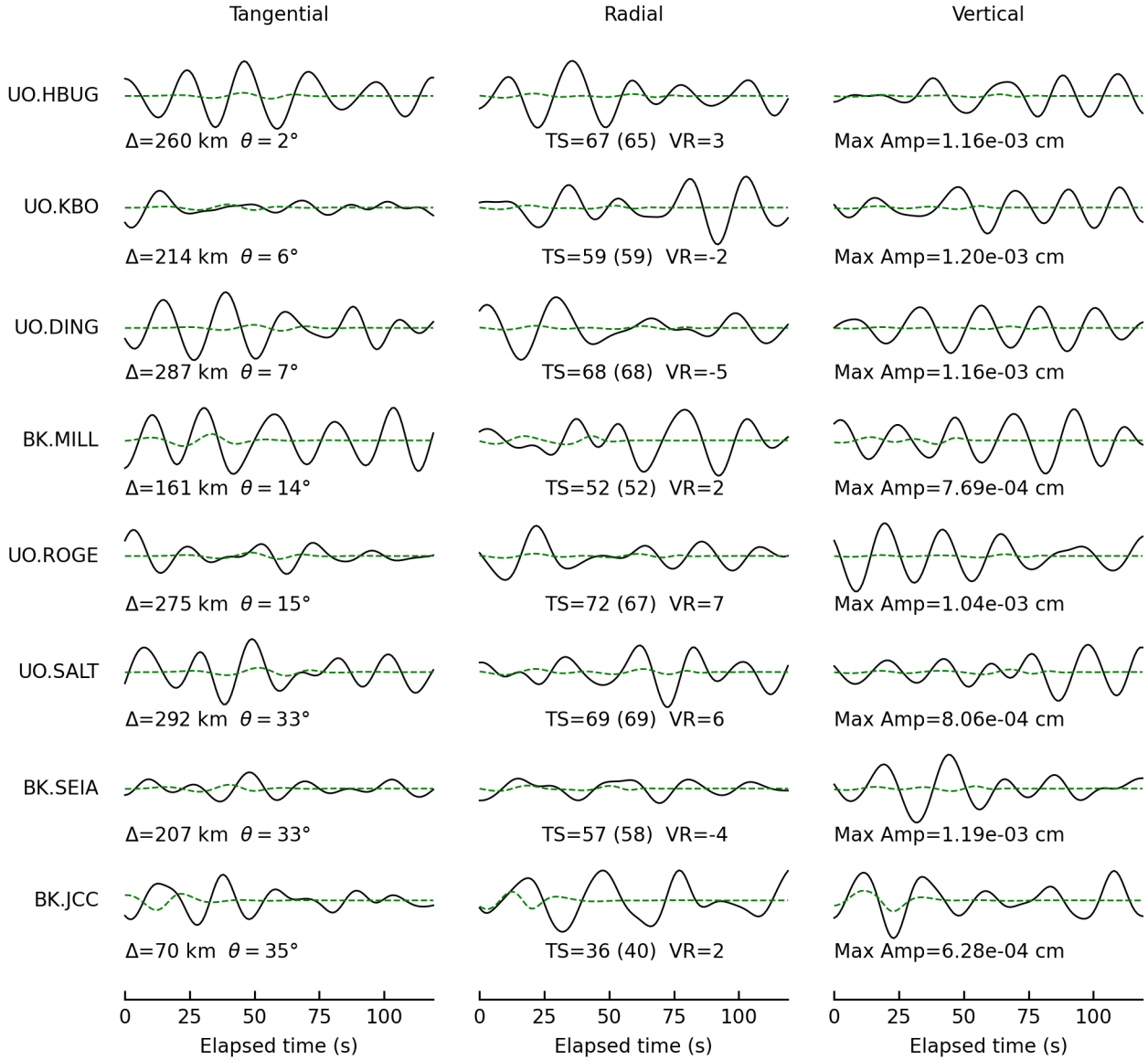

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 58°
TS=43 (43) VR=5
Max Amp=2.84e-03 cm
BK.GUMB
Δ=226 km θ = 65°
TS=60 (60) VR=1
Max Amp=2.58e-03 cm
BK.TRIN
Δ=201 km θ = 70°
TS=57 (57) VR=-8
Max Amp=2.08e-03 cm
BK.SAGE
Δ=251 km θ = 78°
TS=60 (64) VR=11
Max Amp=2.65e-03 cm
BK.HAYF
Δ=147 km θ = 83°
TS=50 (50) VR=-7
Max Amp=3.50e-03 cm
BK.DLIK
Δ=175 km θ = 87°
TS=57 (54) VR=6
Max Amp=2.29e-03 cm
BK.WLKR
Δ=53 km θ = 92°
TS=38 (38) VR=-14
Max Amp=2.71e-03 cm
BK.GHOP
Δ=83 km θ = 95°
TS=42 (42) VR=-3
Max Amp=3.53e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

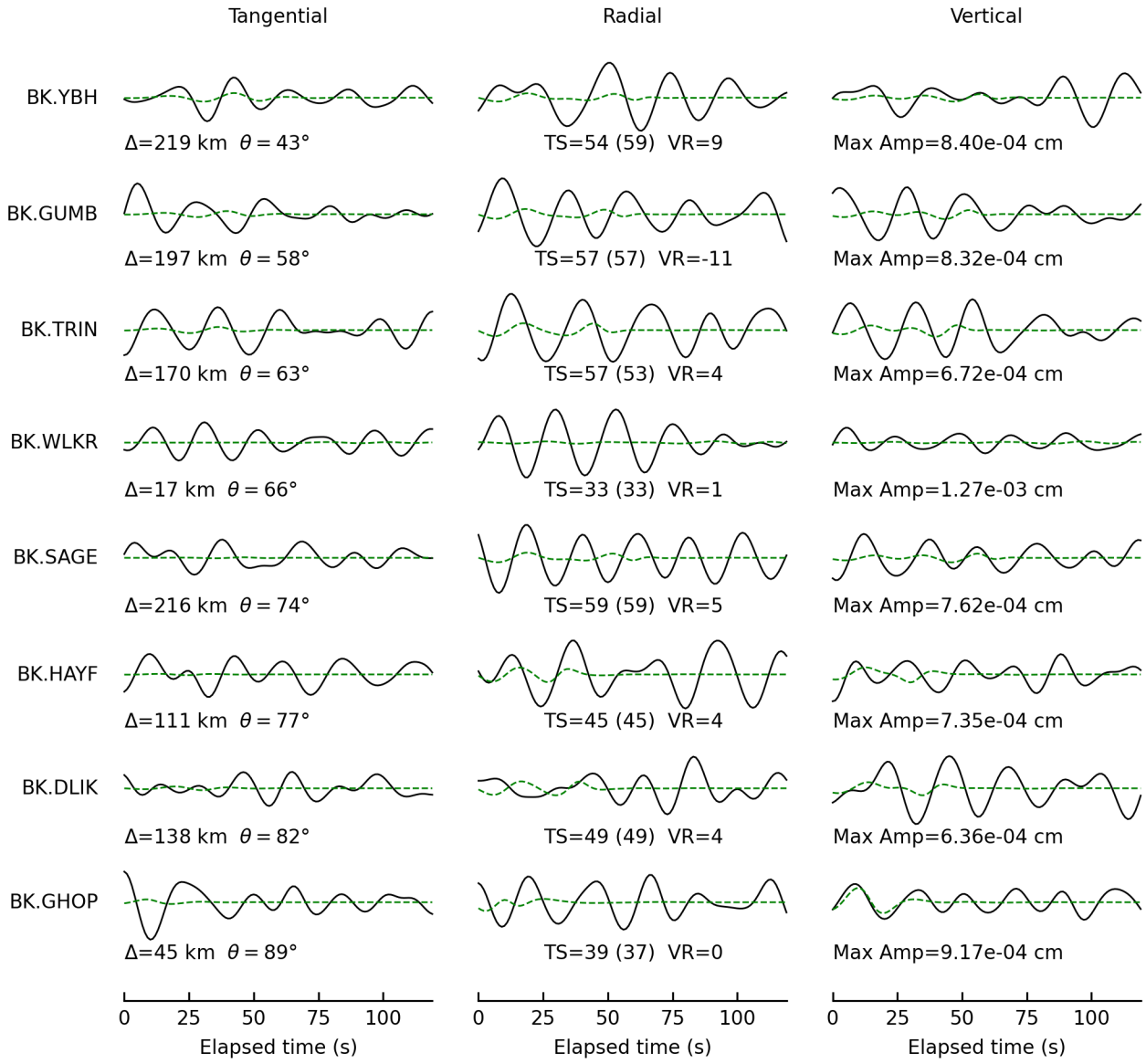

Tangential
Radial
Vertical
BK.HUNT
Δ=155 km θ = 97°
TS=51 (51) VR=2
Max Amp=2.32e-03 cm
BK.ORV
Δ=309 km θ = 106°
TS=71 (71) VR=4
Max Amp=2.04e-03 cm
BK.SPRL
Δ=102 km θ = 113°
TS=44 (44) VR=-3
Max Amp=2.28e-03 cm
BK.USAL
Δ=111 km θ = 119°
TS=45 (45) VR=-0
Max Amp=2.71e-03 cm
NC.KCPC
Δ=140 km θ = 123°
TS=49 (49) VR=-7
Max Amp=2.26e-03 cm
BK.ADAM
Δ=288 km θ = 128°
TS=68 (68) VR=5
Max Amp=2.74e-03 cm
BK.ORRS
Δ=179 km θ = 133°
TS=54 (54) VR=-6
Max Amp=2.66e-03 cm
BK.BONV
Δ=207 km θ = 138°
TS=63 (58) VR=2
Max Amp=2.59e-03 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

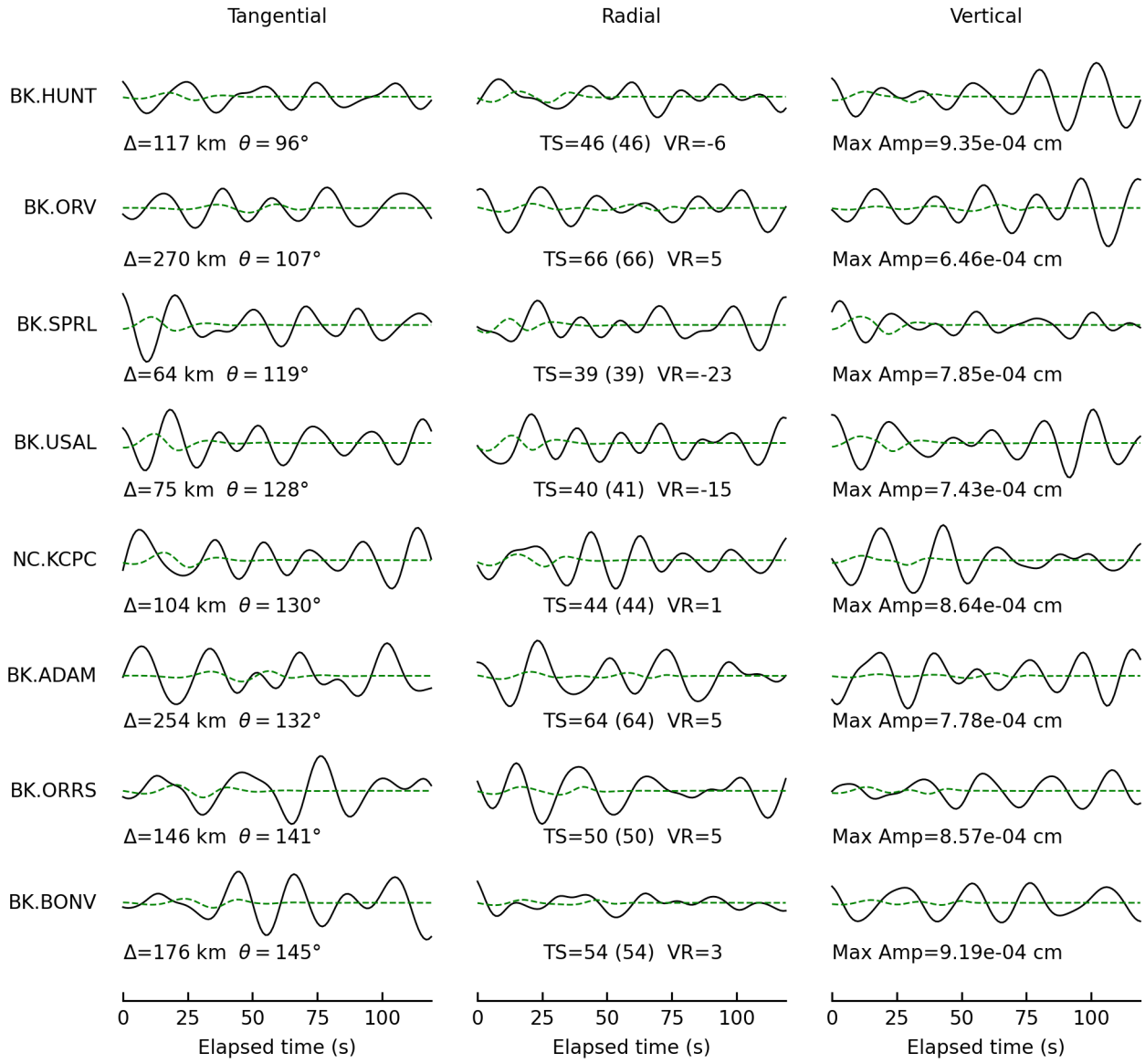

Tangential
Radial
Vertical
BK.HRCH
Δ=248 km θ = 143°
TS=63 (63) VR=-9
Max Amp=2.71e-03 cm
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)

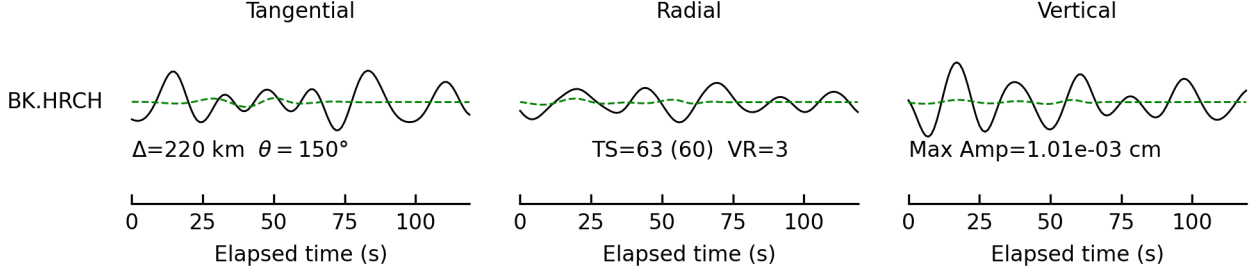
Deviatoric Moment Tensor Inversion
Evid = 75096146
Depth = 12.0 km
Mw = 4.48
M0 = 6.48e+22 dyne-cm
Percent DC/CLVD/ISO = 53/47/0
sdr = (344,60,88) (168,30,93)
npts = 120 vred = 7.692 km/s
VR = 1.11% lune:-13,0



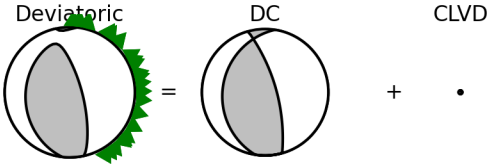


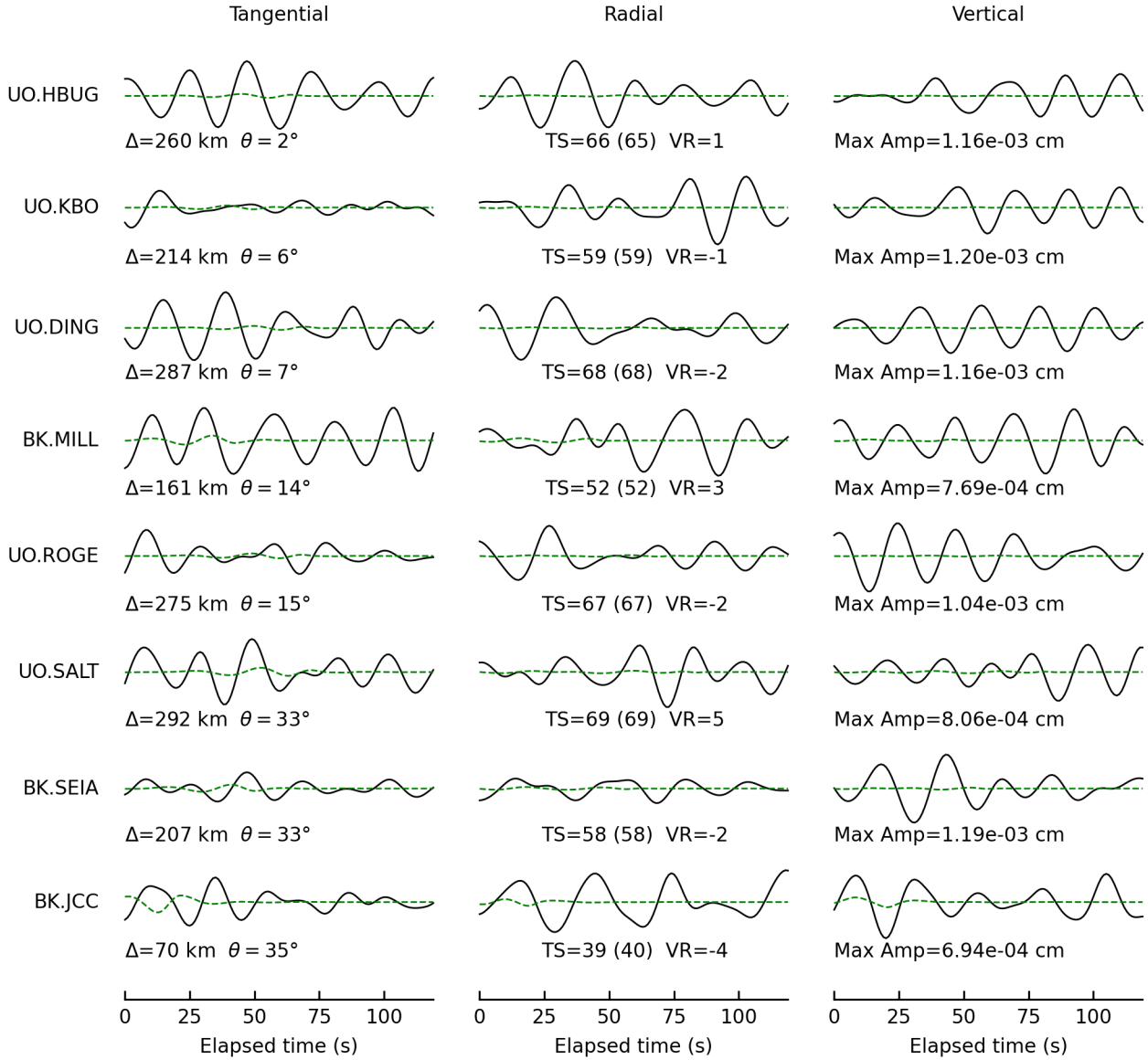

Tangential
Radial
Vertical
BK.YBH
Δ=219 km θ = 43°
TS=54 (59) VR=9
Max Amp=8.40e-04 cm
BK.GUMB
Δ=197 km θ = 58°
TS=57 (57) VR=-11
Max Amp=8.32e-04 cm
BK.TRIN
Δ=170 km θ = 63°
TS=57 (53) VR=4
Max Amp=6.72e-04 cm
BK.WLKR
Δ=17 km θ = 66°
TS=33 (33) VR=1
Max Amp=1.27e-03 cm
BK.SAGE
Δ=216 km θ = 74°
TS=59 (59) VR=5
Max Amp=7.62e-04 cm
BK.HAYF
Δ=111 km θ = 77°
TS=45 (45) VR=4
Max Amp=7.35e-04 cm
BK.DLIK
Δ=138 km θ = 82°
TS=49 (49) VR=4
Max Amp=6.36e-04 cm
BK.GHOP
Δ=45 km θ = 89°
TS=39 (37) VR=0
Max Amp=9.17e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

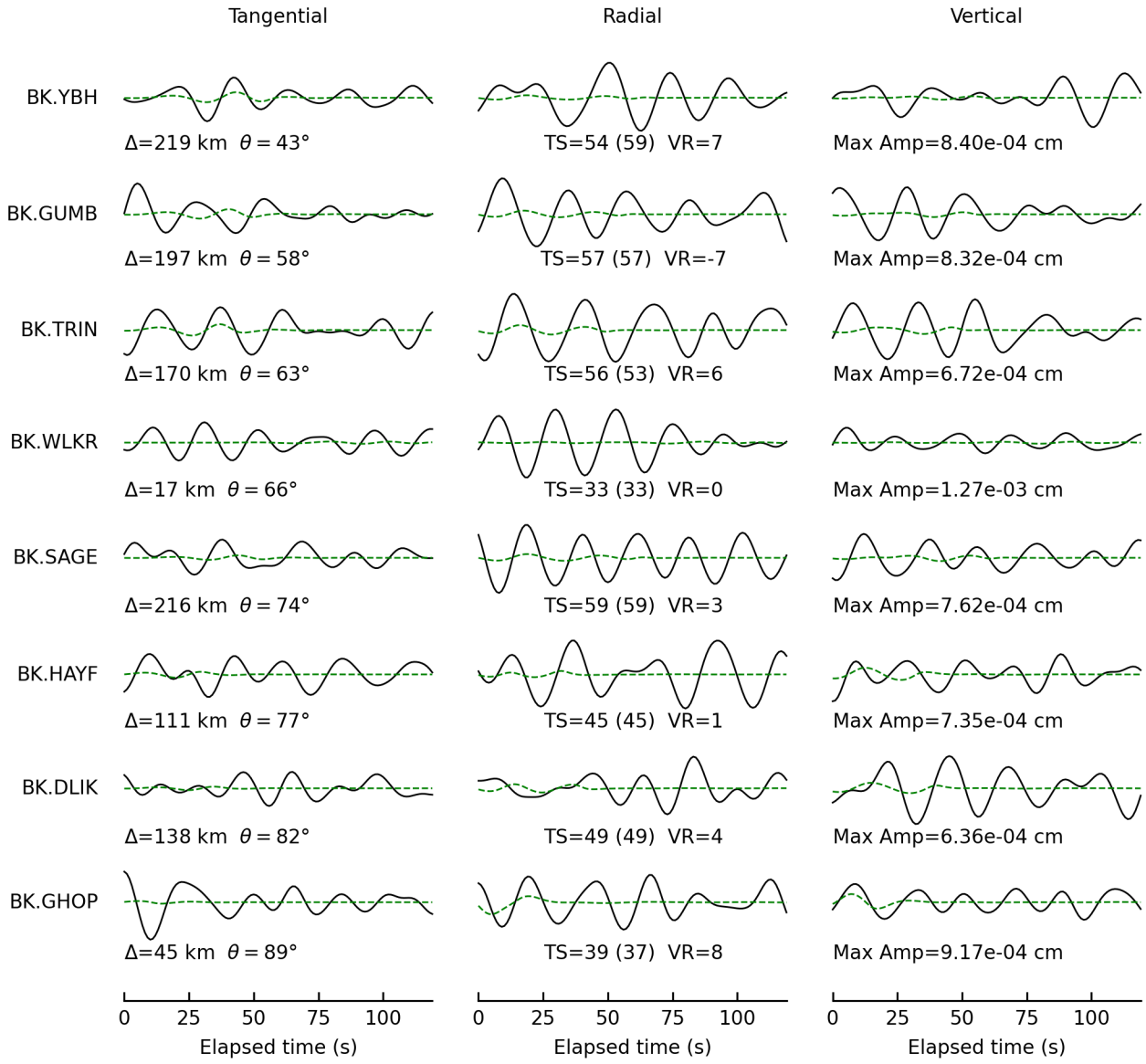

Tangential
Radial
Vertical
BK.HUNT
Δ=117 km θ = 96°
TS=46 (46) VR=-6
Max Amp=9.35e-04 cm
BK.ORV
Δ=270 km θ = 107°
TS=66 (66) VR=5
Max Amp=6.46e-04 cm
BK.SPRL
Δ=64 km θ = 119°
TS=39 (39) VR=-23
Max Amp=7.85e-04 cm
BK.USAL
Δ=75 km θ = 128°
TS=40 (41) VR=-15
Max Amp=7.43e-04 cm
NC.KCPC
Δ=104 km θ = 130°
TS=44 (44) VR=1
Max Amp=8.64e-04 cm
BK.ADAM
Δ=254 km θ = 132°
TS=64 (64) VR=5
Max Amp=7.78e-04 cm
BK.ORRS
Δ=146 km θ = 141°
TS=50 (50) VR=5
Max Amp=8.57e-04 cm
BK.BONV
Δ=176 km θ = 145°
TS=54 (54) VR=3
Max Amp=9.19e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

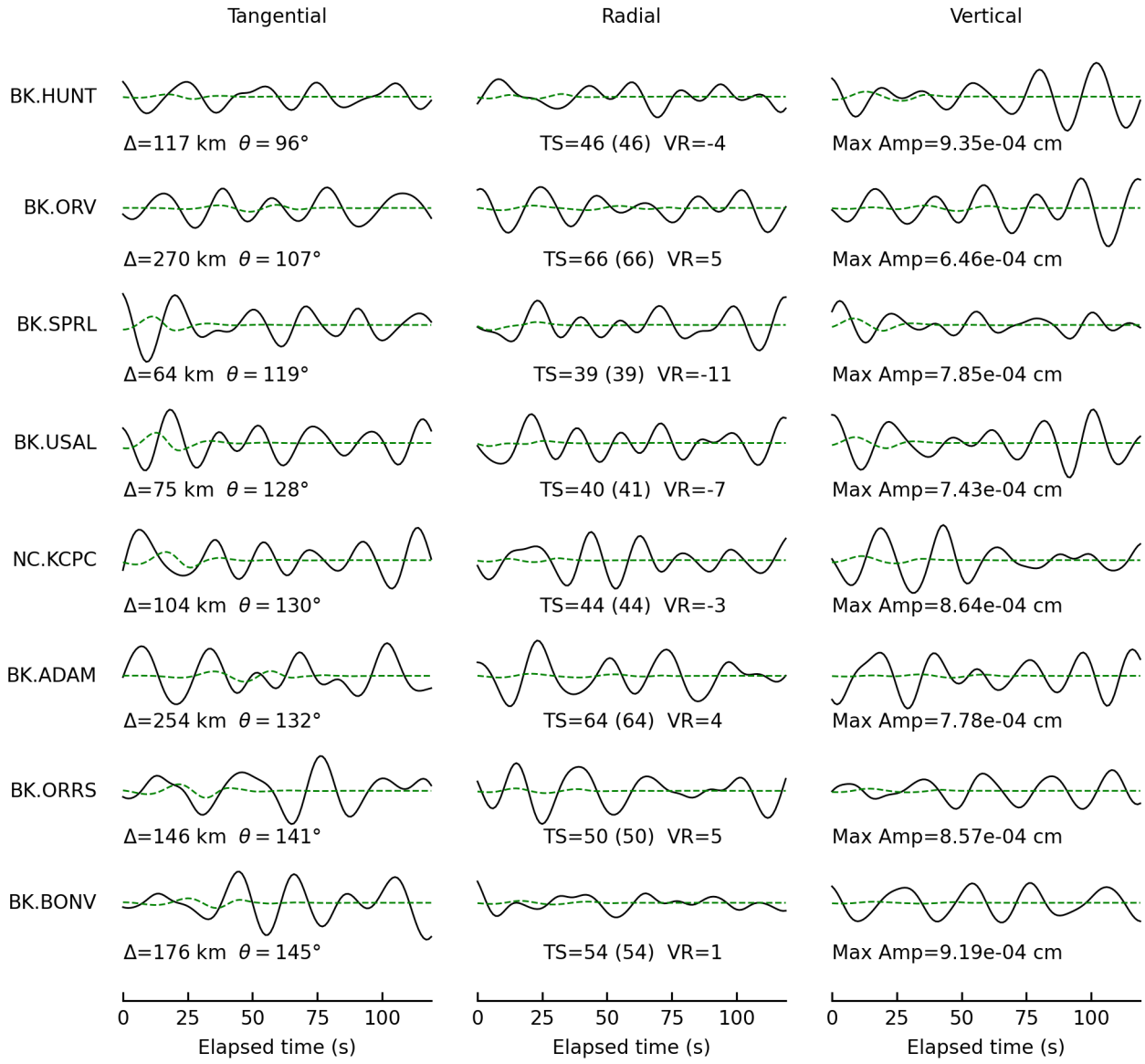

Tangential
Radial
Vertical
BK.HRCH
Δ=220 km θ = 150°
TS=63 (60) VR=3
Max Amp=1.01e-03 cm
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)

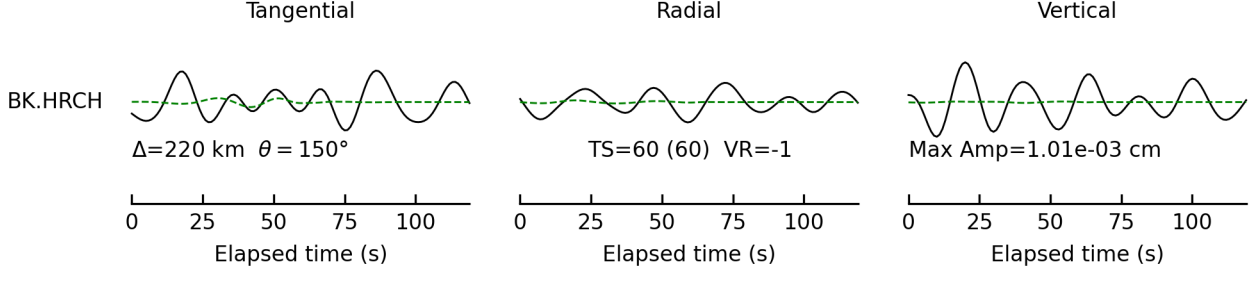
Deviatoric Moment Tensor Inversion
Evid = 75096146
Depth = 6.0 km
Mw = 4.36
M0 = 4.30e+22 dyne-cm
Percent DC/CLVD/ISO = 97/3/0
sdr = (189,22,113) (344,70,81)
npts = 120 vred = 7.692 km/s
VR = 0.60% lune:-1,0



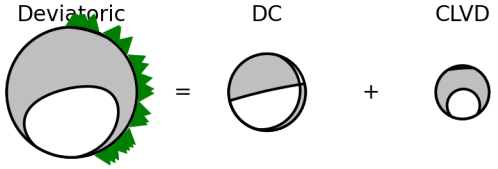



Tangential
Radial
Vertical
BK.YBH
Δ=219 km θ = 43°
TS=54 (59) VR=7
Max Amp=8.40e-04 cm
BK.GUMB
Δ=197 km θ = 58°
TS=57 (57) VR=-7
Max Amp=8.32e-04 cm
BK.TRIN
Δ=170 km θ = 63°
TS=56 (53) VR=6
Max Amp=6.72e-04 cm
BK.WLKR
Δ=17 km θ = 66°
TS=33 (33) VR=0
Max Amp=1.27e-03 cm
BK.SAGE
Δ=216 km θ = 74°
TS=59 (59) VR=3
Max Amp=7.62e-04 cm
BK.HAYF
Δ=111 km θ = 77°
TS=45 (45) VR=1
Max Amp=7.35e-04 cm
BK.DLIK
Δ=138 km θ = 82°
TS=49 (49) VR=4
Max Amp=6.36e-04 cm
BK.GHOP
Δ=45 km θ = 89°
TS=39 (37) VR=8
Max Amp=9.17e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HUNT
Δ=117 km θ = 96°
TS=46 (46) VR=-4
Max Amp=9.35e-04 cm
BK.ORV
Δ=270 km θ = 107°
TS=66 (66) VR=5
Max Amp=6.46e-04 cm
BK.SPRL
Δ=64 km θ = 119°
TS=39 (39) VR=-11
Max Amp=7.85e-04 cm
BK.USAL
Δ=75 km θ = 128°
TS=40 (41) VR=-7
Max Amp=7.43e-04 cm
NC.KCPC
Δ=104 km θ = 130°
TS=44 (44) VR=-3
Max Amp=8.64e-04 cm
BK.ADAM
Δ=254 km θ = 132°
TS=64 (64) VR=4
Max Amp=7.78e-04 cm
BK.ORRS
Δ=146 km θ = 141°
TS=50 (50) VR=5
Max Amp=8.57e-04 cm
BK.BONV
Δ=176 km θ = 145°
TS=54 (54) VR=1
Max Amp=9.19e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HRCH
Δ=220 km θ = 150°
TS=60 (60) VR=-1
Max Amp=1.01e-03 cm
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75096151
Depth = 2.0 km
Mw = 4.42
M0 = 5.23e+22 dyne-cm
Percent DC/CLVD/ISO = 59/41/0
sdr = (257,86,-82) (16,9,-151)
npts = 120 vred = 7.692 km/s
VR = 0.73% lune:11,0



Tangential | Radial | Vertical

UO.HBUG
Δ=240 km θ = 3°
TS=62 (62) VR=-1
Max Amp=4.86e-04 cm

UO.KBO
Δ=194 km θ = 7°
TS=56 (56) VR=1
Max Amp=9.70e-04 cm

UO.DING
Δ=267 km θ = 8°
TS=66 (66) VR=-2
Max Amp=9.40e-04 cm

UO.ROGE
Δ=256 km θ = 16°
TS=63 (64) VR=1
Max Amp=6.81e-04 cm

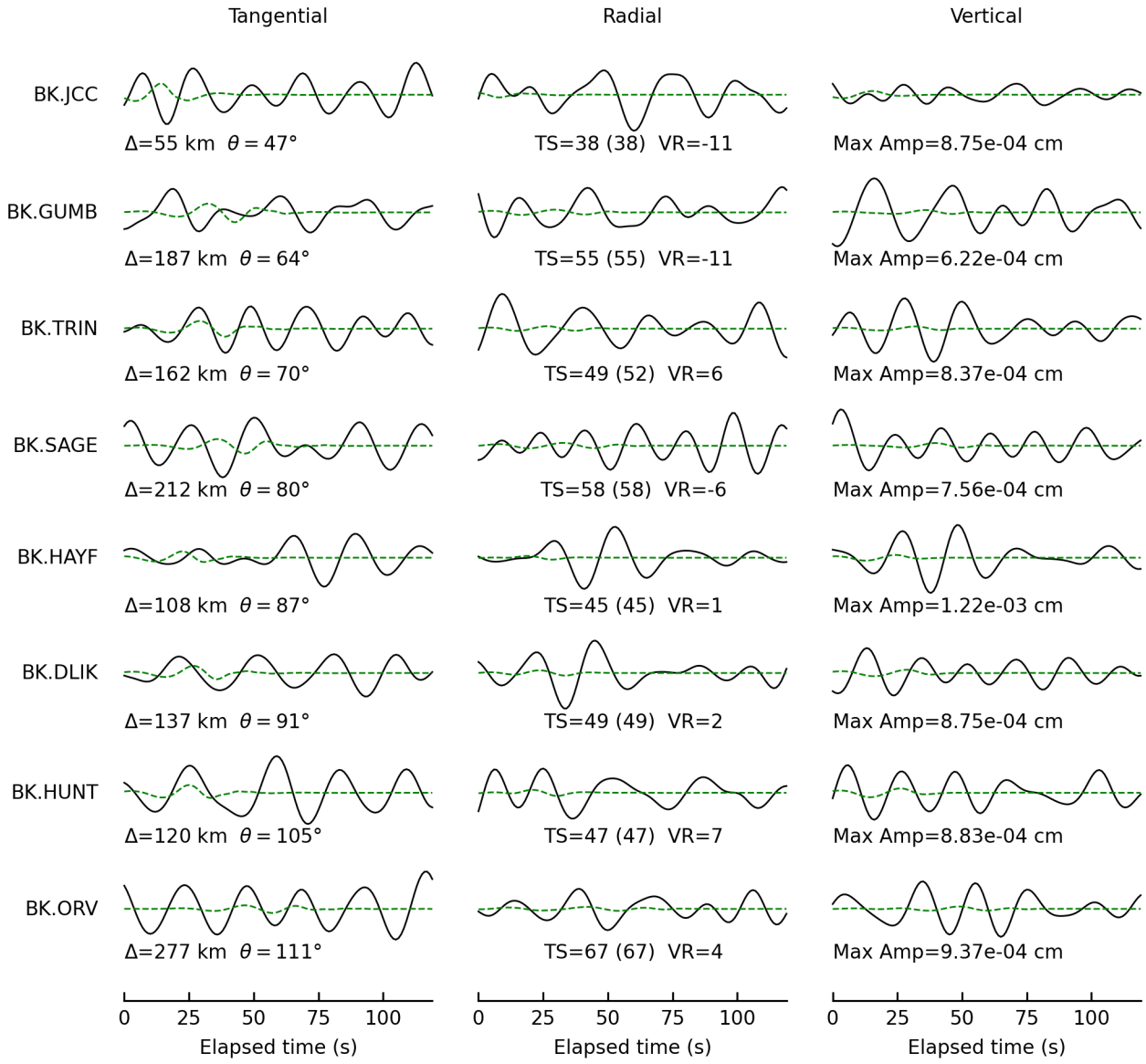
BK.MILL
Δ=142 km θ = 16°
TS=49 (49) VR=-1
Max Amp=6.61e-04 cm

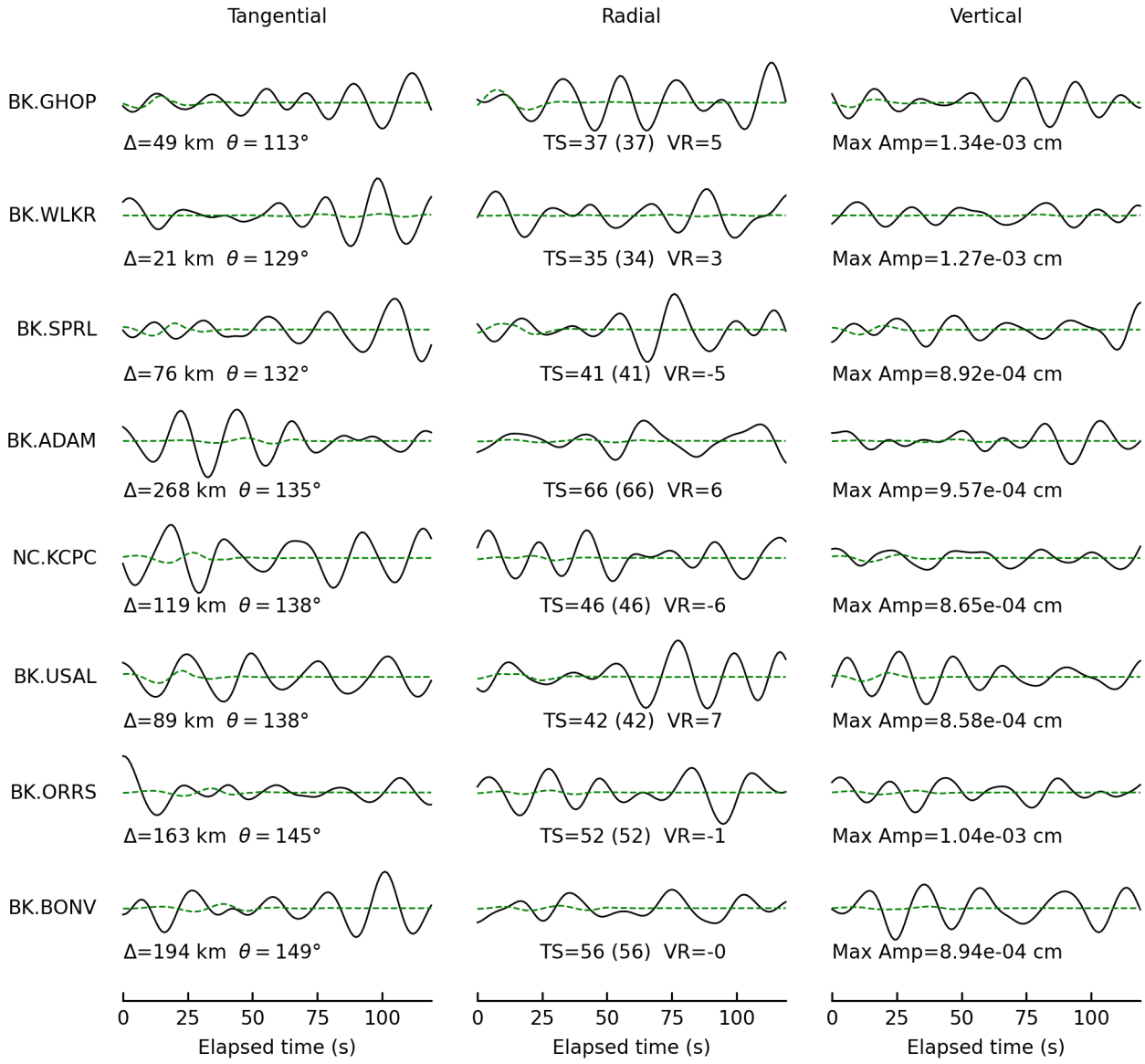
UO.SALT
Δ=275 km θ = 35°
TS=67 (67) VR=1
Max Amp=9.45e-04 cm

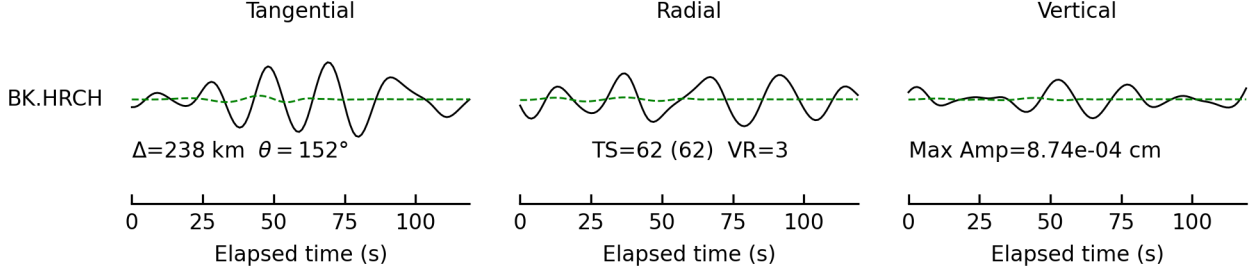
BK.SEIA
Δ=190 km θ = 37°
TS=56 (56) VR=-3
Max Amp=9.04e-04 cm

BK.YBH
Δ=205 km θ = 47°
TS=58 (58) VR=6
Max Amp=6.34e-04 cm

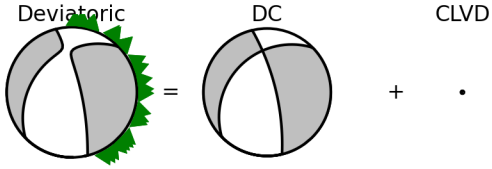
0 25 50 75 100
Elapsed time (s)

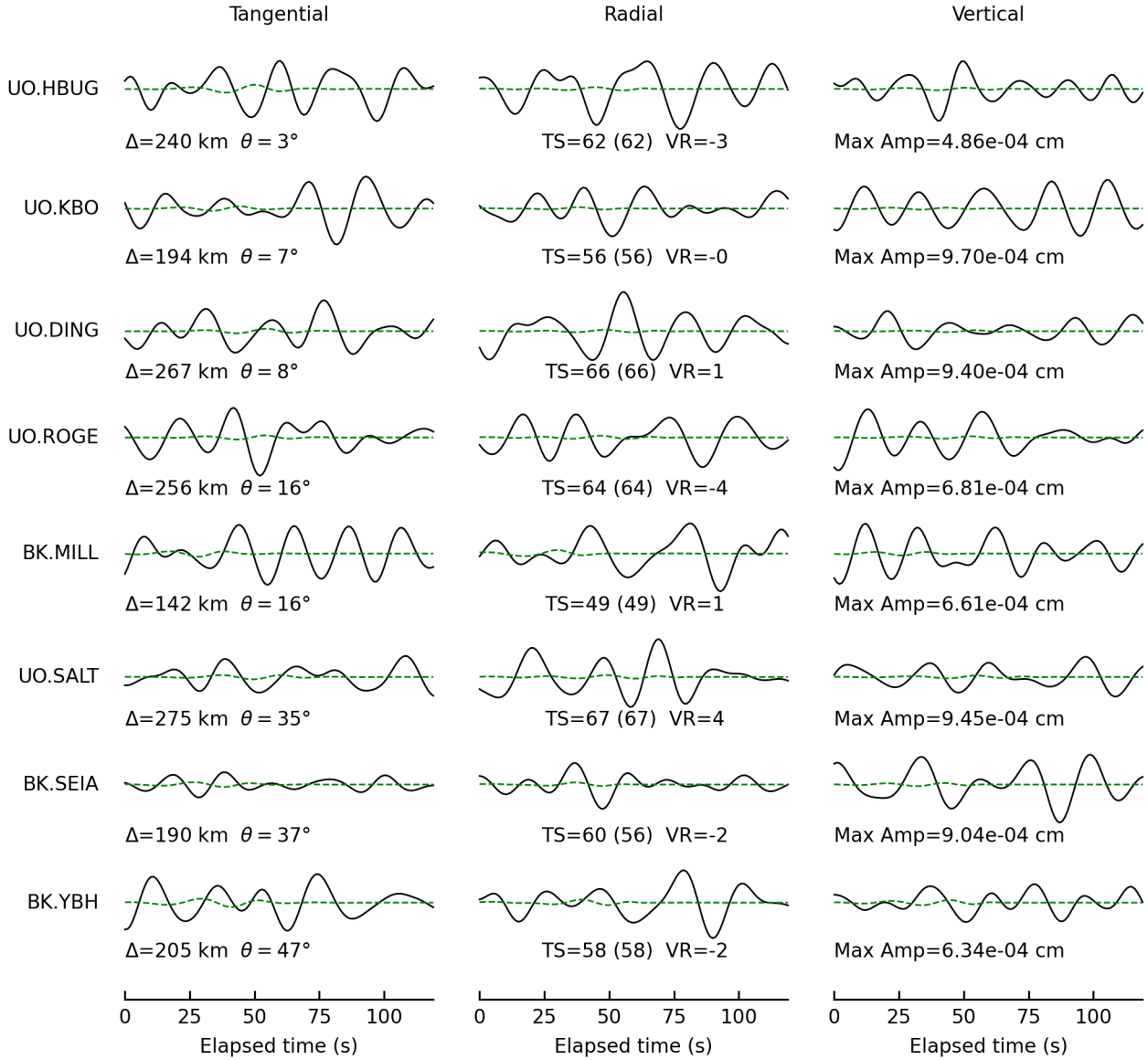

Tangential
Radial
Vertical
BK.JCC
Δ=55 km θ = 47°
TS=38 (38) VR=-11
Max Amp=8.75e-04 cm
BK.GUMB
Δ=187 km θ = 64°
TS=55 (55) VR=-11
Max Amp=6.22e-04 cm
BK.TRIN
Δ=162 km θ = 70°
TS=49 (52) VR=6
Max Amp=8.37e-04 cm
BK.SAGE
Δ=212 km θ = 80°
TS=58 (58) VR=-6
Max Amp=7.56e-04 cm
BK.HAYF
Δ=108 km θ = 87°
TS=45 (45) VR=1
Max Amp=1.22e-03 cm
BK.DLIK
Δ=137 km θ = 91°
TS=49 (49) VR=2
Max Amp=8.75e-04 cm
BK.HUNT
Δ=120 km θ = 105°
TS=47 (47) VR=7
Max Amp=8.83e-04 cm
BK.ORV
Δ=277 km θ = 111°
TS=67 (67) VR=4
Max Amp=9.37e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

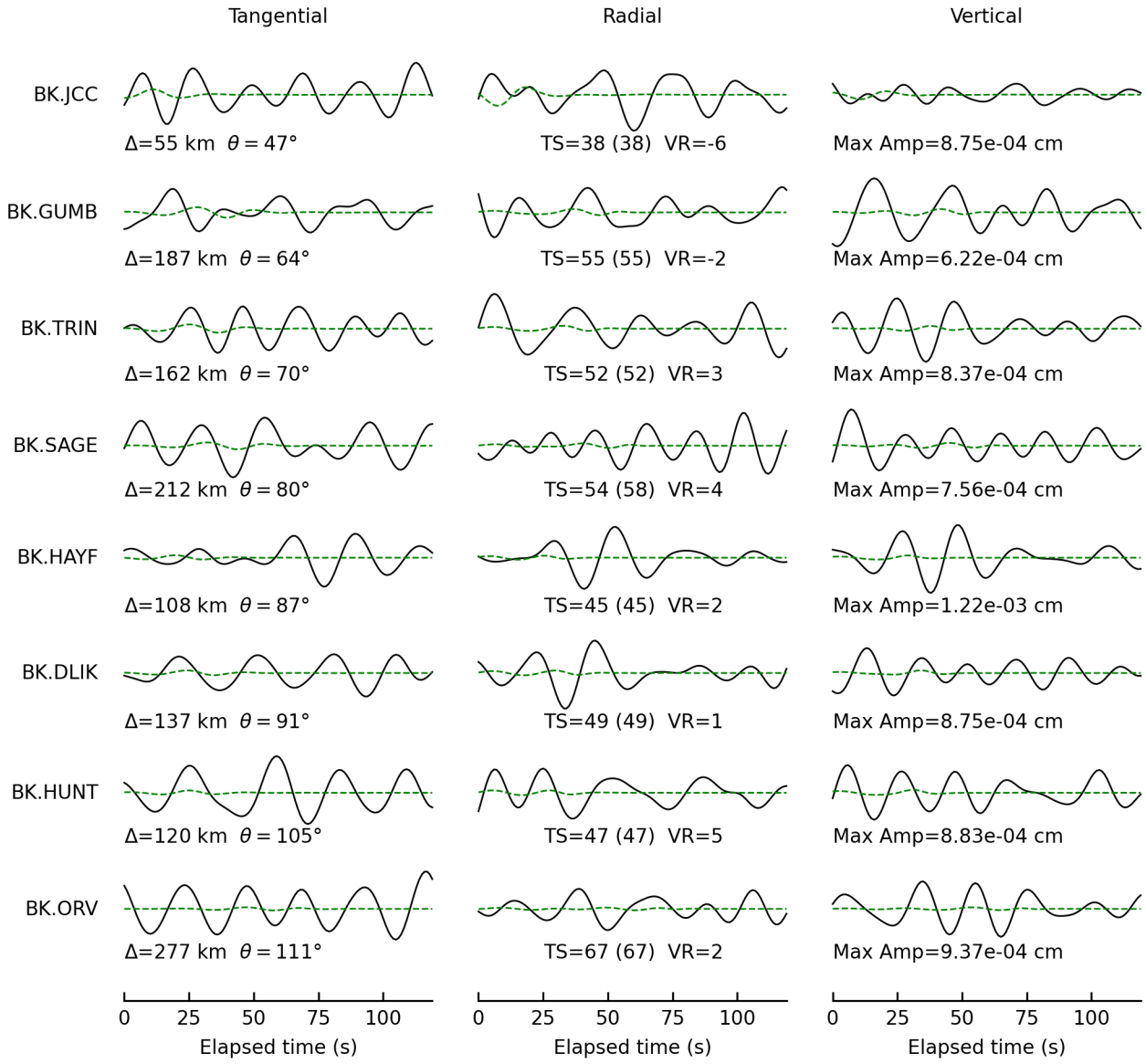

Tangential
Radial
Vertical
BK.GHOP
Δ=49 km θ = 113°
TS=37 (37) VR=5
Max Amp=1.34e-03 cm
BK.WLKR
Δ=21 km θ = 129°
TS=35 (34) VR=3
Max Amp=1.27e-03 cm
BK.SPRL
Δ=76 km θ = 132°
TS=41 (41) VR=-5
Max Amp=8.92e-04 cm
BK.ADAM
Δ=268 km θ = 135°
TS=66 (66) VR=6
Max Amp=9.57e-04 cm
NC.KCPC
Δ=119 km θ = 138°
TS=46 (46) VR=-6
Max Amp=8.65e-04 cm
BK.USAL
Δ=89 km θ = 138°
TS=42 (42) VR=7
Max Amp=8.58e-04 cm
BK.ORRS
Δ=163 km θ = 145°
TS=52 (52) VR=-1
Max Amp=1.04e-03 cm
BK.BONV
Δ=194 km θ = 149°
TS=56 (56) VR=-0
Max Amp=8.94e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

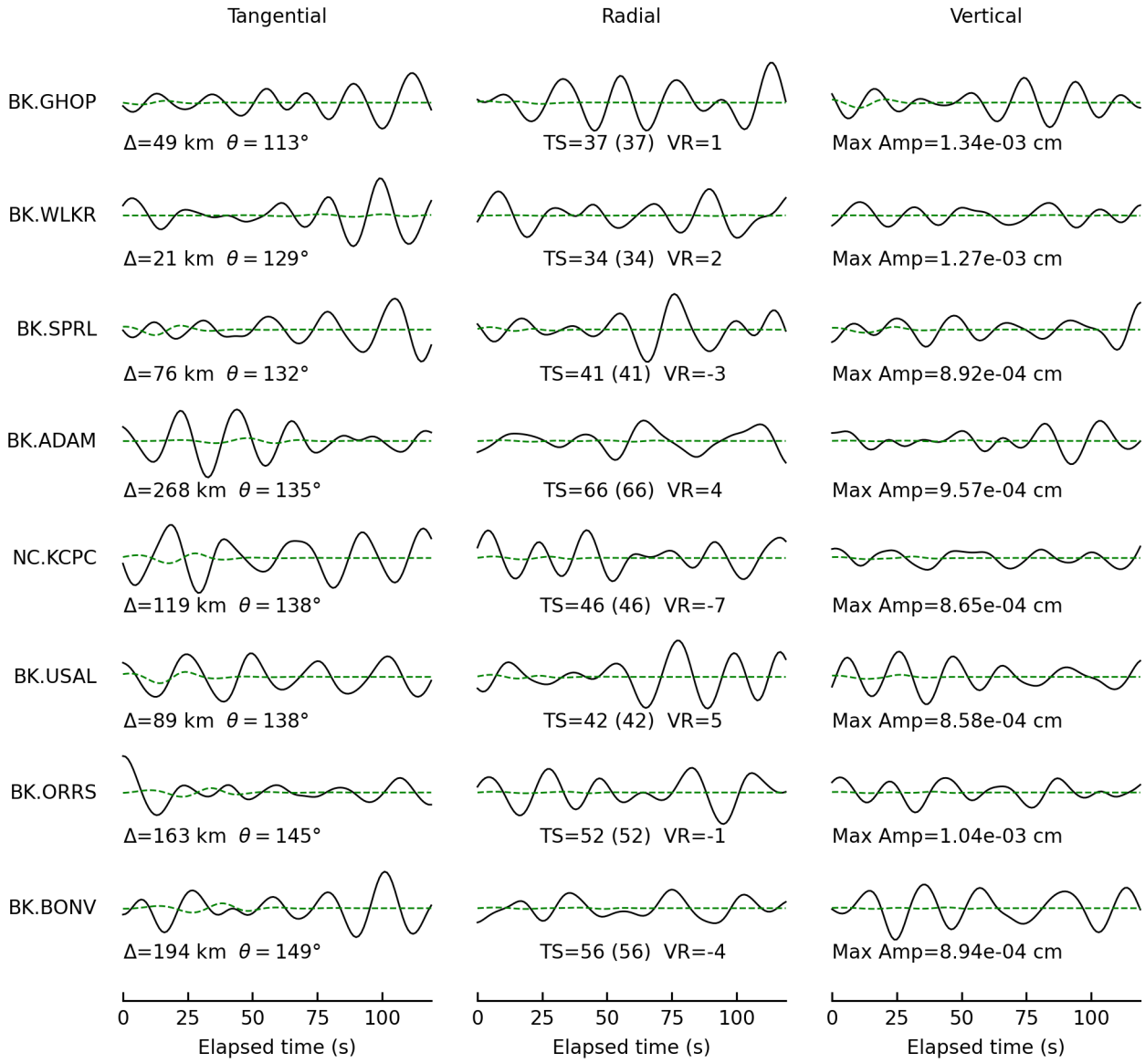

Tangential
Radial
Vertical
BK.HRCH
Δ=238 km θ = 152°
TS=62 (62) VR=3
Max Amp=8.74e-04 cm
0
25
50
75
100
Elapsed time (s)

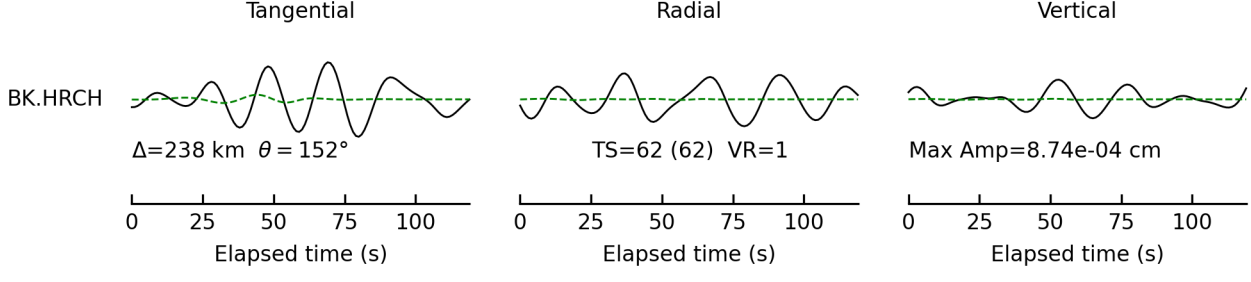
Deviatoric Moment Tensor Inversion
Evid = 75096151
Depth = 17.0 km
Mw = 4.28
M0 = 3.29e+22 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (225,29,-35) (347,74,-114)
npts = 120 vred = 7.692 km/s
VR = 0.43% lune:-1,0



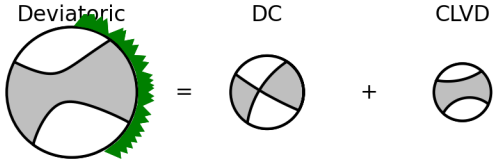


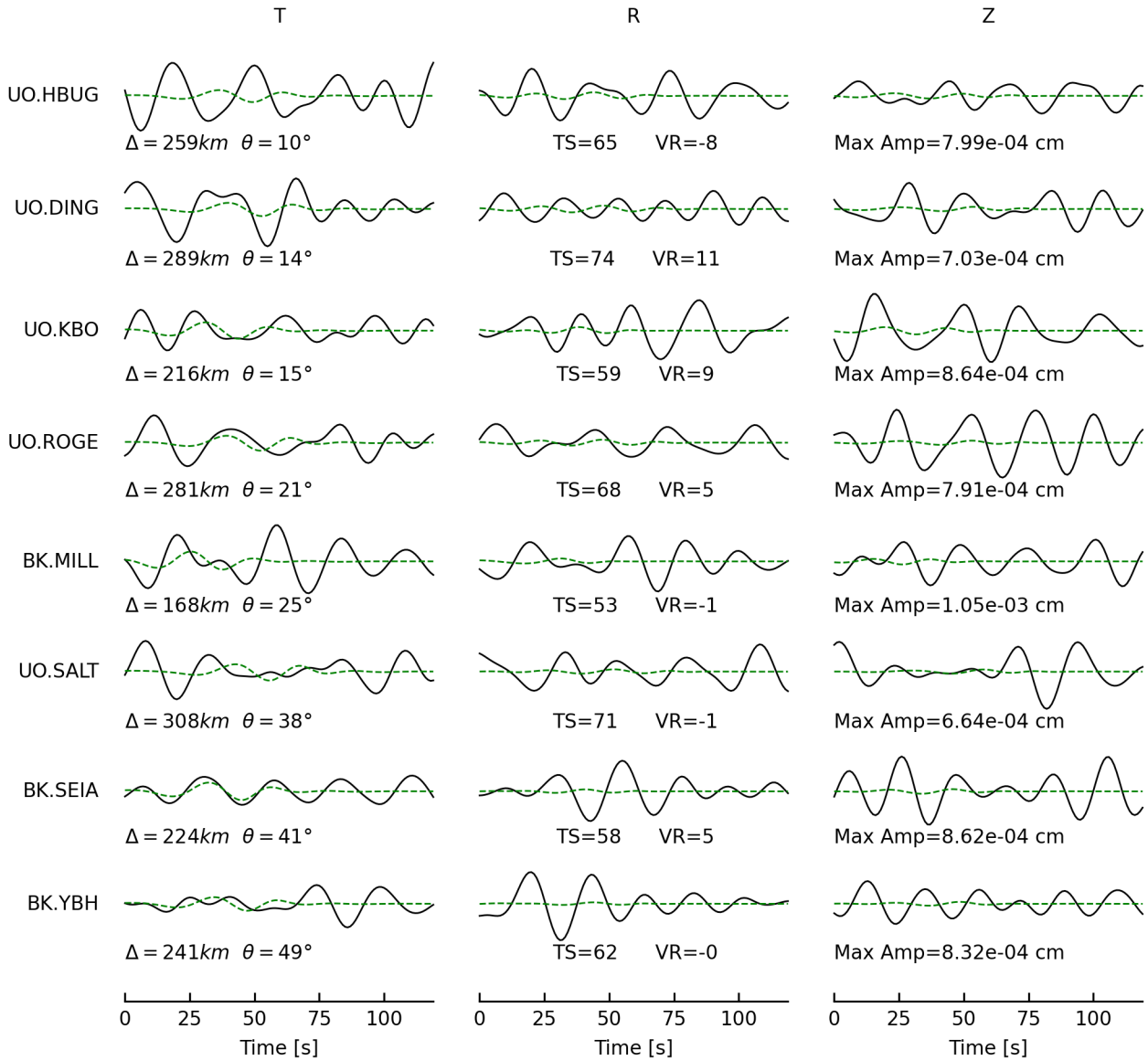

Tangential
Radial
Vertical
BK.JCC
Δ=55 km θ = 47°
TS=38 (38) VR=-6
Max Amp=8.75e-04 cm
BK.GUMB
Δ=187 km θ = 64°
TS=55 (55) VR=-2
Max Amp=6.22e-04 cm
BK.TRIN
Δ=162 km θ = 70°
TS=52 (52) VR=3
Max Amp=8.37e-04 cm
BK.SAGE
Δ=212 km θ = 80°
TS=54 (58) VR=4
Max Amp=7.56e-04 cm
BK.HAYF
Δ=108 km θ = 87°
TS=45 (45) VR=2
Max Amp=1.22e-03 cm
BK.DLIK
Δ=137 km θ = 91°
TS=49 (49) VR=1
Max Amp=8.75e-04 cm
BK.HUNT
Δ=120 km θ = 105°
TS=47 (47) VR=5
Max Amp=8.83e-04 cm
BK.ORV
Δ=277 km θ = 111°
TS=67 (67) VR=2
Max Amp=9.37e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

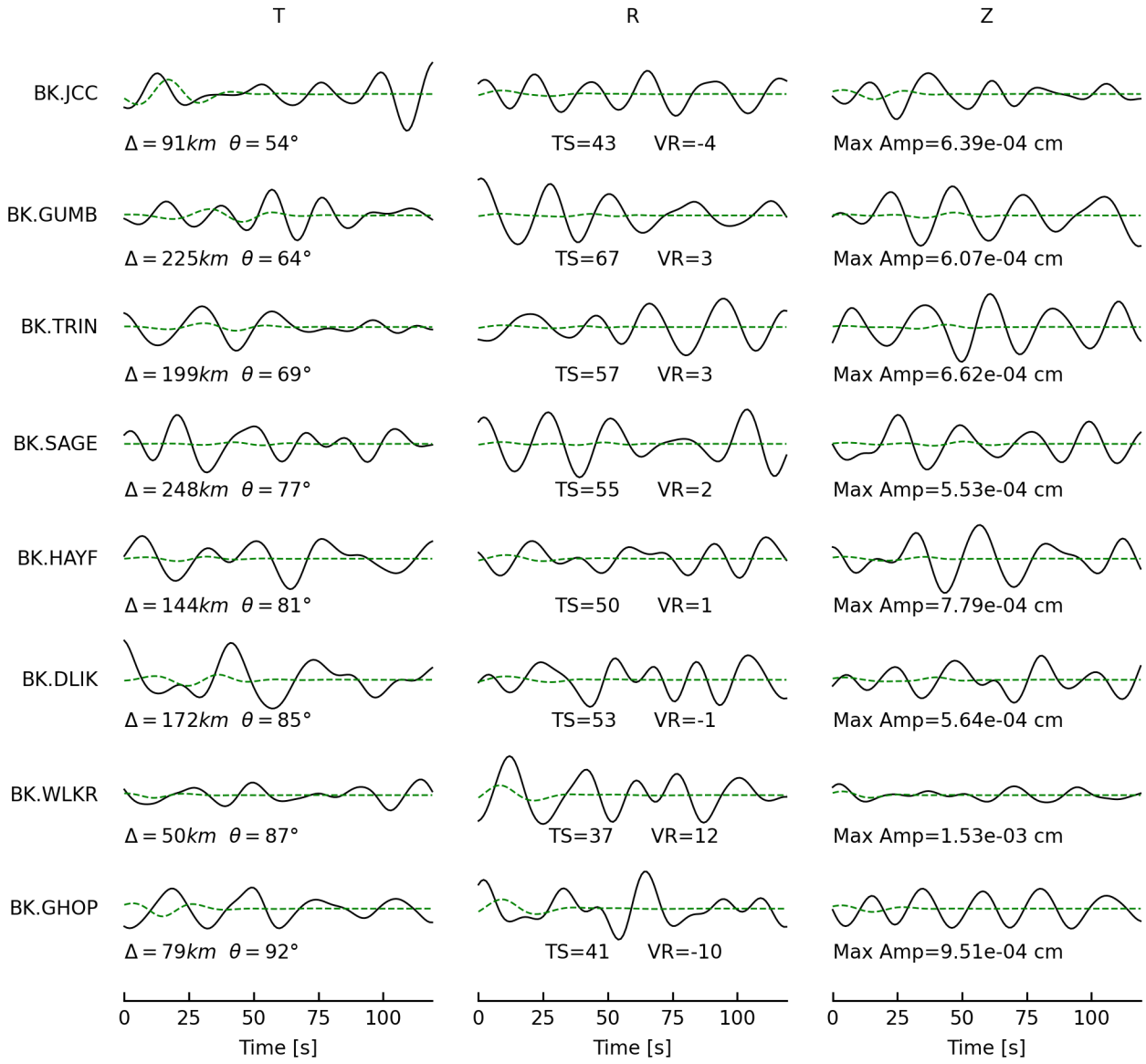

Tangential
Radial
Vertical
BK.GHOP
Δ=49 km θ = 113°
TS=37 (37) VR=1
Max Amp=1.34e-03 cm
BK.WLKR
Δ=21 km θ = 129°
TS=34 (34) VR=2
Max Amp=1.27e-03 cm
BK.SPRL
Δ=76 km θ = 132°
TS=41 (41) VR=-3
Max Amp=8.92e-04 cm
BK.ADAM
Δ=268 km θ = 135°
TS=66 (66) VR=4
Max Amp=9.57e-04 cm
NC.KCPC
Δ=119 km θ = 138°
TS=46 (46) VR=-7
Max Amp=8.65e-04 cm
BK.USAL
Δ=89 km θ = 138°
TS=42 (42) VR=5
Max Amp=8.58e-04 cm
BK.ORRS
Δ=163 km θ = 145°
TS=52 (52) VR=-1
Max Amp=1.04e-03 cm
BK.BONV
Δ=194 km θ = 149°
TS=56 (56) VR=-4
Max Amp=8.94e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

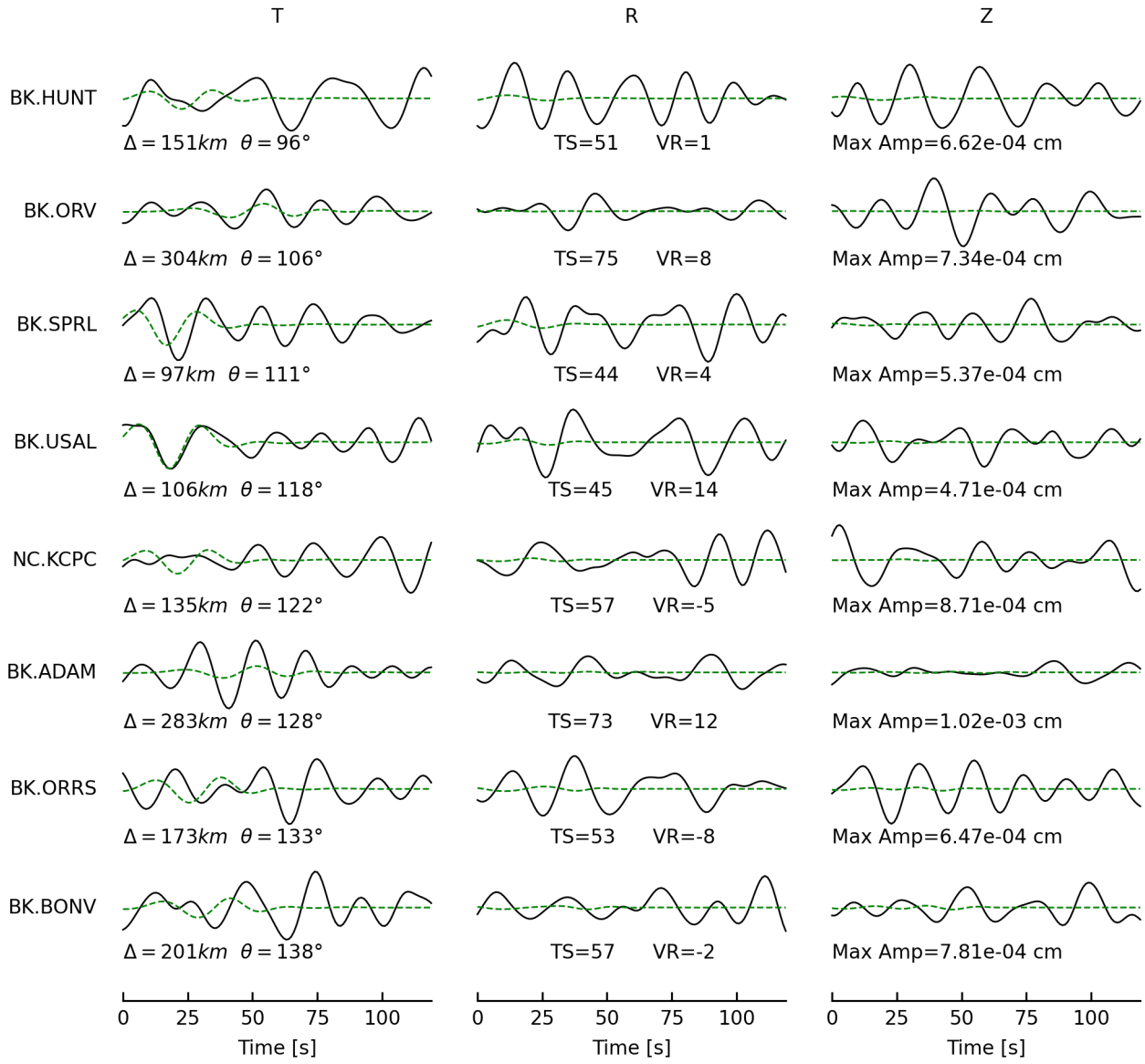

Tangential
Radial
Vertical
BK.HRCH
Δ=238 km θ = 152°
TS=62 (62) VR=1
Max Amp=8.74e-04 cm
0
25
50
75
100
Elapsed time (s)

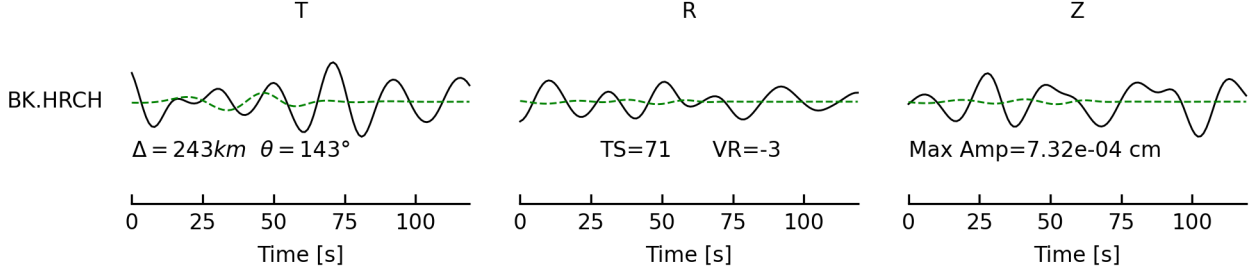
Deviatoric Moment Tensor Inversion
Evid = 75096156
Depth = 34.0 km
Mw = 4.52
M0 = 7.61e+22 dyne-cm
Percent DC/CLVD/ISO = 56/44/0
sdr = (213,66,7) (120,83,156)
npts = 120 vred = 7.692 km/s
VR = 2.14% lune:12,0



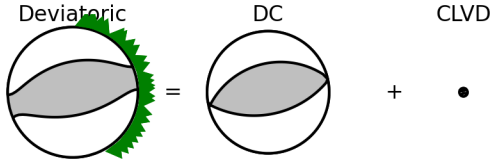


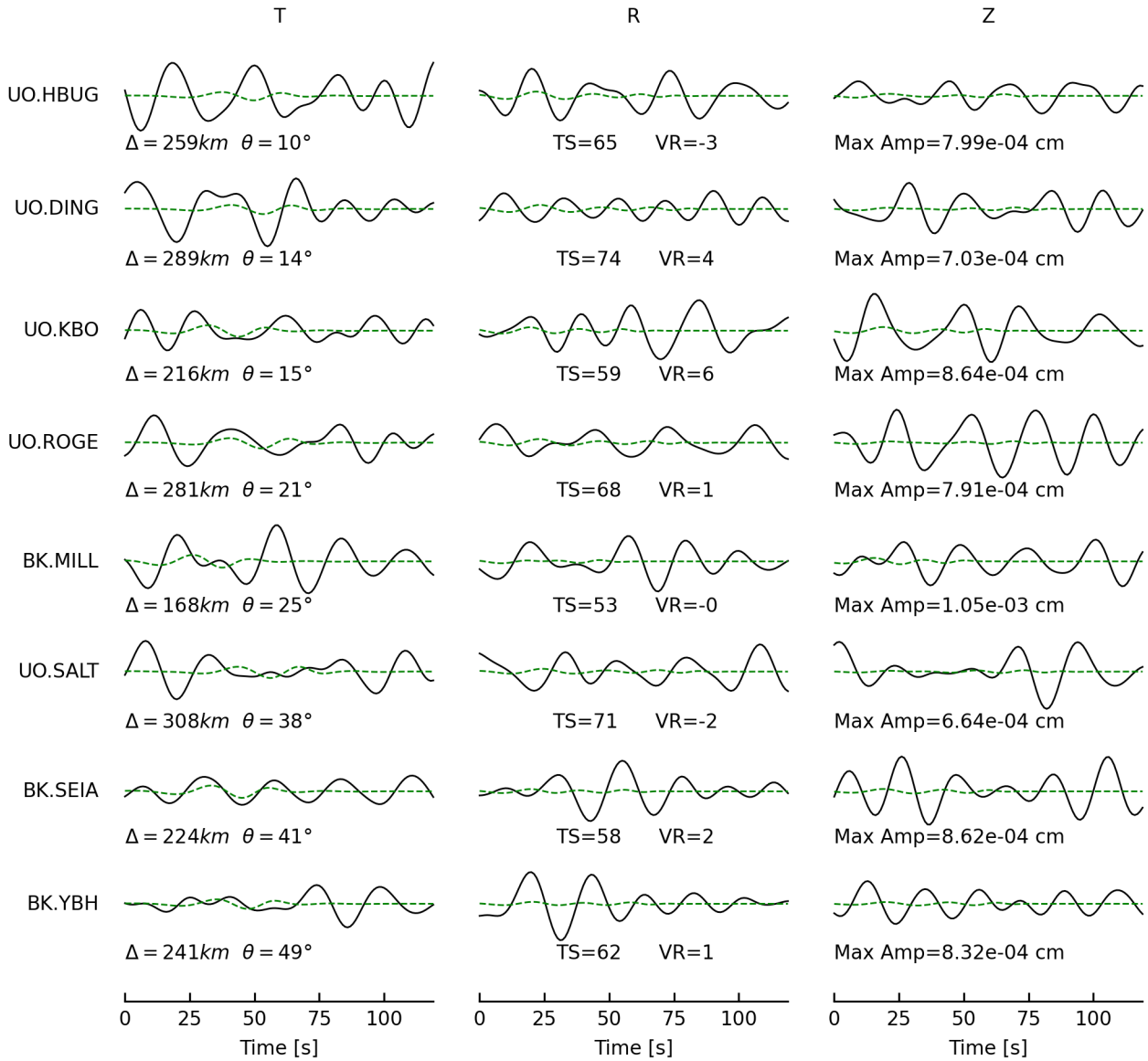

T
R
Z
BK.JCC
Δ = 91km θ = 54°
TS=43 VR=-4
Max Amp=6.39e-04 cm
BK.GUMB
Δ = 225km θ = 64°
TS=67 VR=3
Max Amp=6.07e-04 cm
BK.TRIN
Δ = 199km θ = 69°
TS=57 VR=3
Max Amp=6.62e-04 cm
BK.SAGE
Δ = 248km θ = 77°
TS=55 VR=2
Max Amp=5.53e-04 cm
BK.HAYF
Δ = 144km θ = 81°
TS=50 VR=1
Max Amp=7.79e-04 cm
BK.DLIK
Δ = 172km θ = 85°
TS=53 VR=-1
Max Amp=5.64e-04 cm
BK.WLKR
Δ = 50km θ = 87°
TS=37 VR=12
Max Amp=1.53e-03 cm
BK.GHOP
Δ = 79km θ = 92°
TS=41 VR=-10
Max Amp=9.51e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

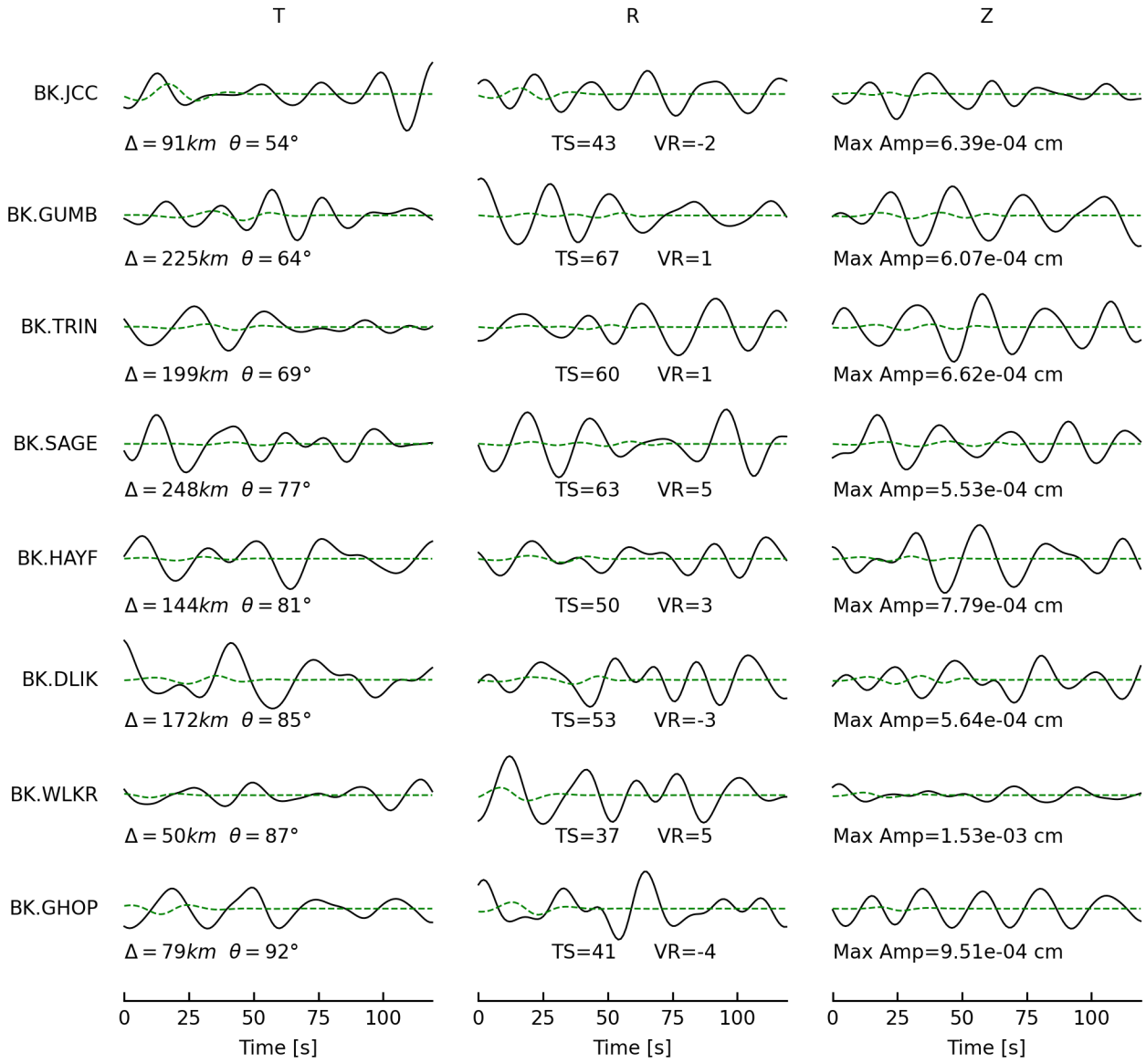

T
R
Z
BK.HUNT
Δ = 151km θ = 96°
TS=51 VR=1
Max Amp=6.62e-04 cm
BK.ORV
Δ = 304km θ = 106°
TS=75 VR=8
Max Amp=7.34e-04 cm
BK.SPRL
Δ = 97km θ = 111°
TS=44 VR=4
Max Amp=5.37e-04 cm
BK.USAL
Δ = 106km θ = 118°
TS=45 VR=14
Max Amp=4.71e-04 cm
NC.KCPC
Δ = 135km θ = 122°
TS=57 VR=-5
Max Amp=8.71e-04 cm
BK.ADAM
Δ = 283km θ = 128°
TS=73 VR=12
Max Amp=1.02e-03 cm
BK.ORRS
Δ = 173km θ = 133°
TS=53 VR=-8
Max Amp=6.47e-04 cm
BK.BONV
Δ = 201km θ = 138°
TS=57 VR=-2
Max Amp=7.81e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

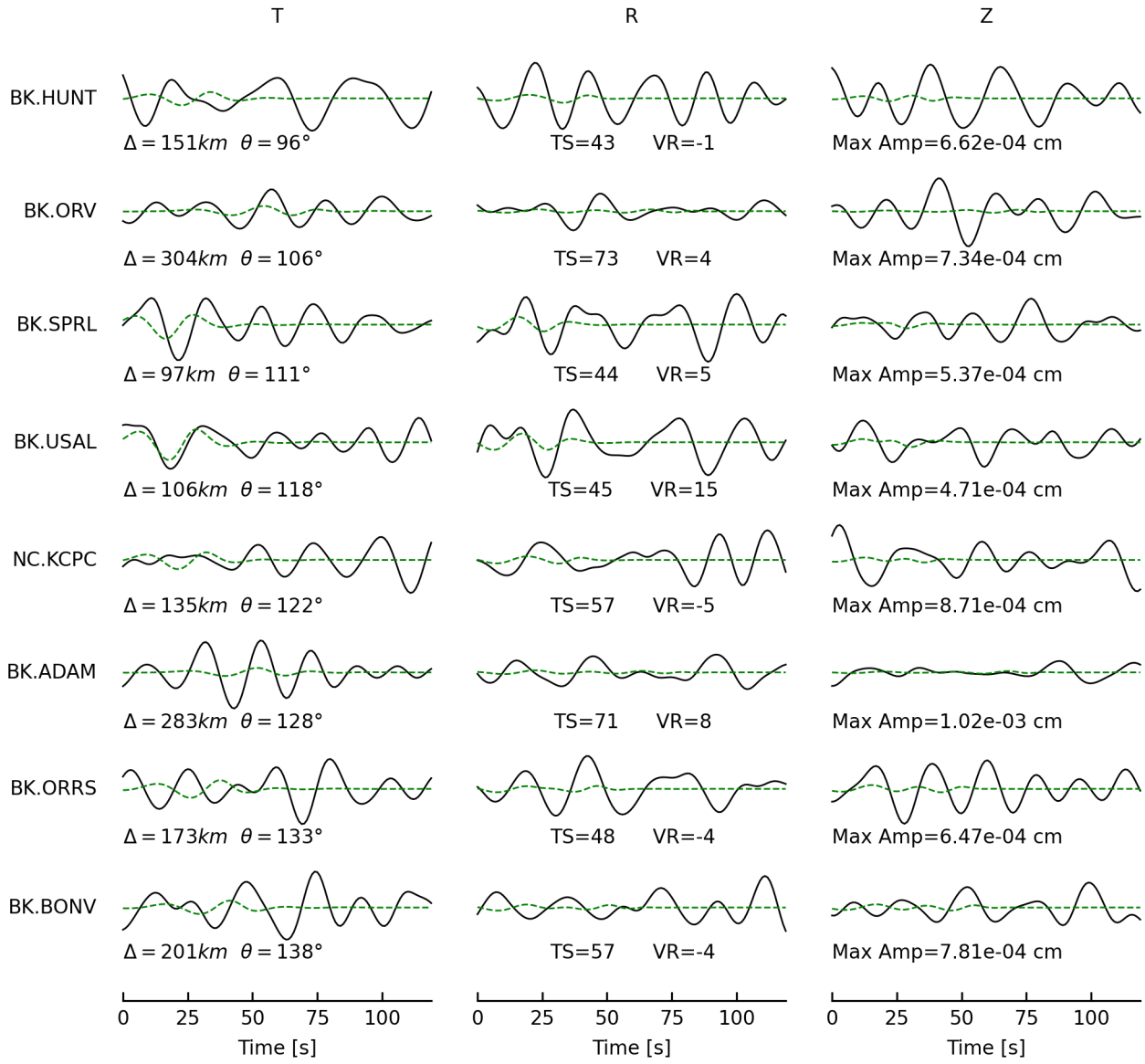

T
R
Z
BK.HRCH
Δ = 243km θ = 143°
TS=71 VR=-3
Max Amp=7.32e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

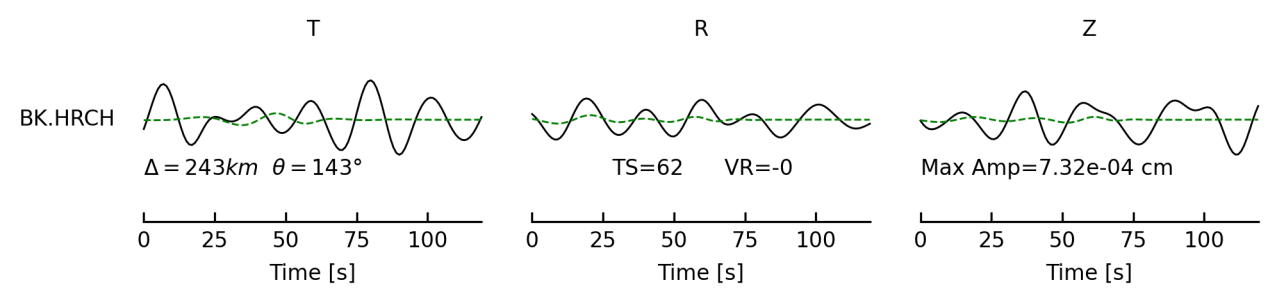
Deviatoric Moment Tensor Inversion
Evid = 75096156
Depth = 19.0 km
Mw = 4.45
M0 = 5.93e+22 dyne-cm
Percent DC/CLVD/ISO = 94/6/0
sdr = (256,40,87) (79,50,92)
npts = 120 vred = 7.692 km/s
VR = 1.28% lune:2,0



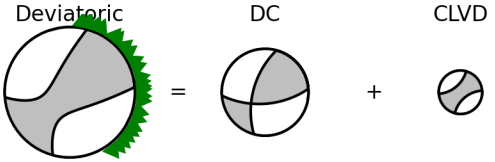


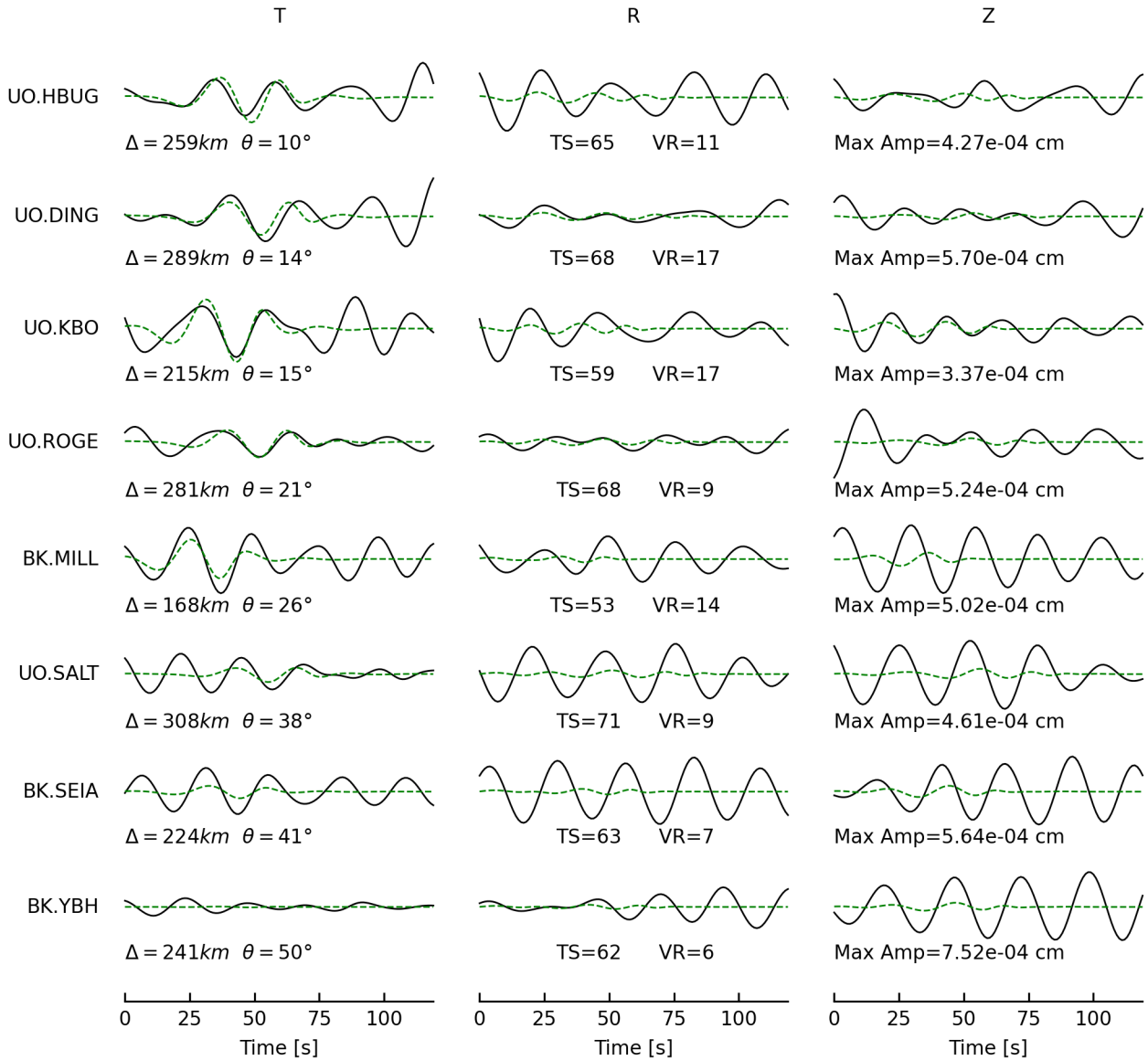

T
R
Z
BK.JCC
Δ = 91km θ = 54°
TS=43 VR=-2
Max Amp=6.39e-04 cm
BK.GUMB
Δ = 225km θ = 64°
TS=67 VR=1
Max Amp=6.07e-04 cm
BK.TRIN
Δ = 199km θ = 69°
TS=60 VR=1
Max Amp=6.62e-04 cm
BK.SAGE
Δ = 248km θ = 77°
TS=63 VR=5
Max Amp=5.53e-04 cm
BK.HAYF
Δ = 144km θ = 81°
TS=50 VR=3
Max Amp=7.79e-04 cm
BK.DLIK
Δ = 172km θ = 85°
TS=53 VR=-3
Max Amp=5.64e-04 cm
BK.WLKR
Δ = 50km θ = 87°
TS=37 VR=5
Max Amp=1.53e-03 cm
BK.GHOP
Δ = 79km θ = 92°
TS=41 VR=-4
Max Amp=9.51e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

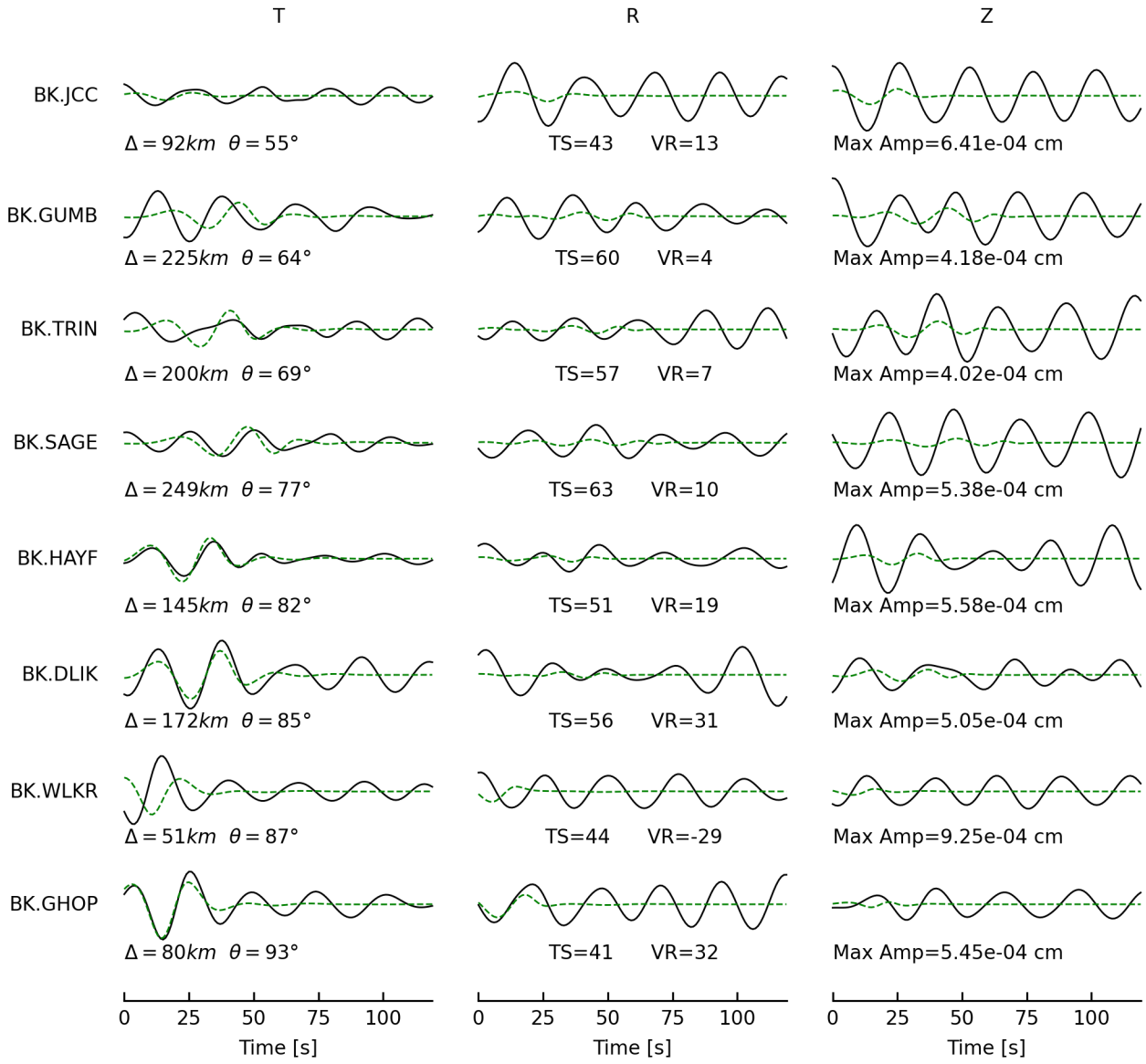

T
R
Z
BK.HUNT
Δ = 151km θ = 96°
TS=43 VR=-1
Max Amp=6.62e-04 cm
BK.ORV
Δ = 304km θ = 106°
TS=73 VR=4
Max Amp=7.34e-04 cm
BK.SPRL
Δ = 97km θ = 111°
TS=44 VR=5
Max Amp=5.37e-04 cm
BK.USAL
Δ = 106km θ = 118°
TS=45 VR=15
Max Amp=4.71e-04 cm
NC.KCPC
Δ = 135km θ = 122°
TS=57 VR=-5
Max Amp=8.71e-04 cm
BK.ADAM
Δ = 283km θ = 128°
TS=71 VR=8
Max Amp=1.02e-03 cm
BK.ORRS
Δ = 173km θ = 133°
TS=48 VR=-4
Max Amp=6.47e-04 cm
BK.BONV
Δ = 201km θ = 138°
TS=57 VR=-4
Max Amp=7.81e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

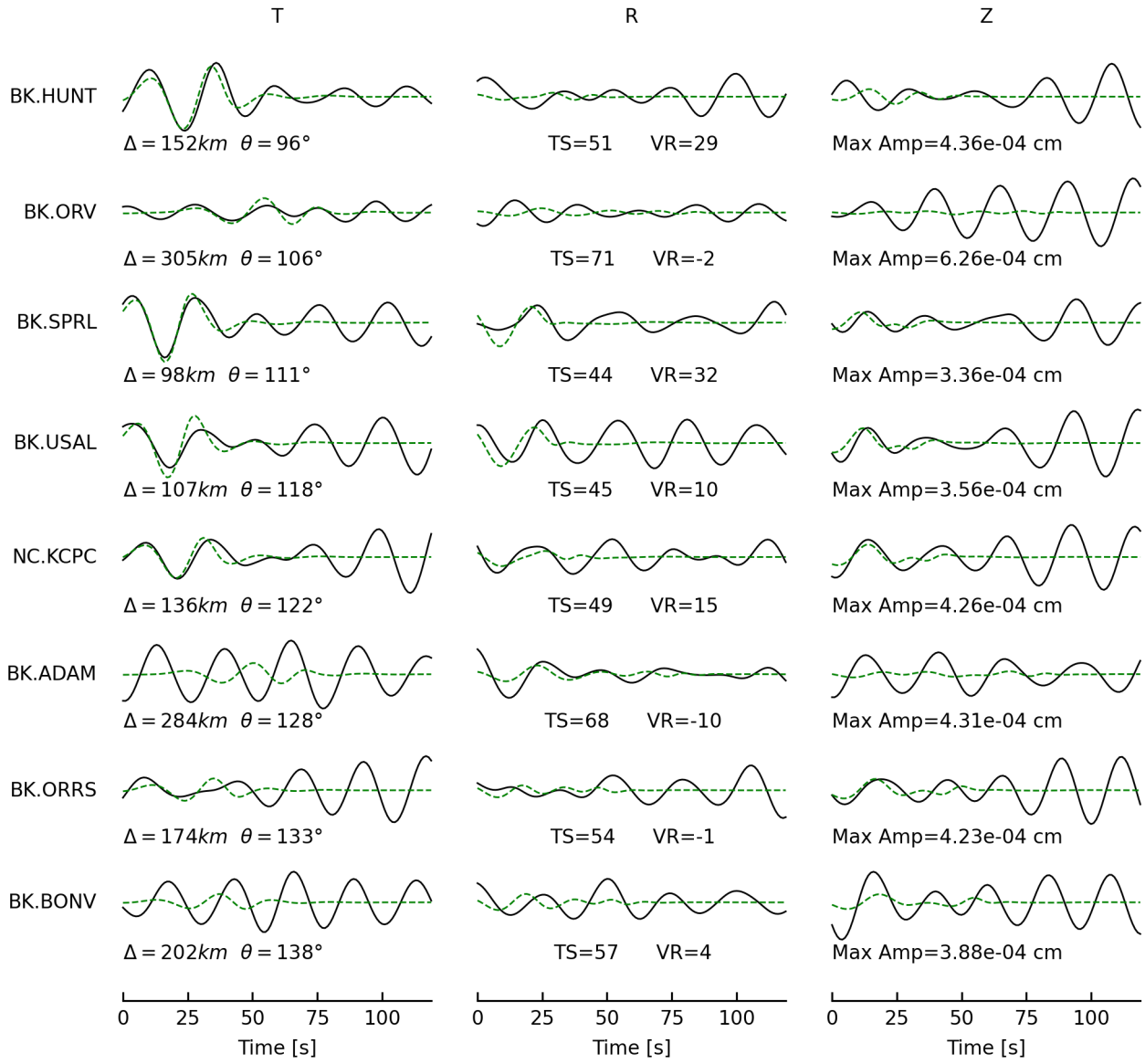

T
R
Z
BK.HRCH
Δ = 243km θ = 143°
TS=62 VR=-0
Max Amp=7.32e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

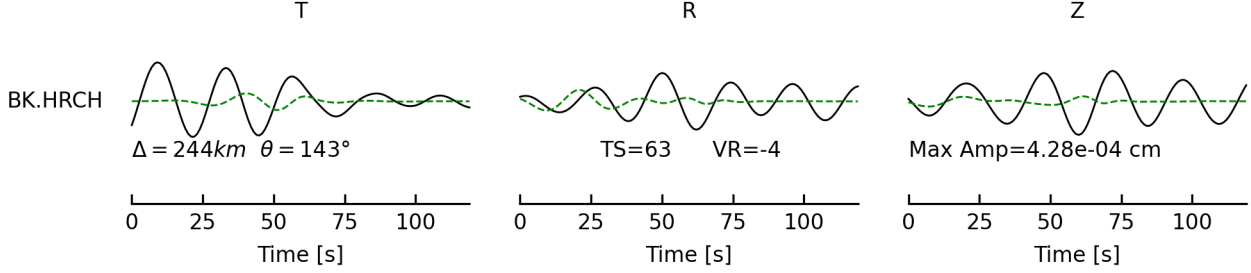
Deviatoric Moment Tensor Inversion
Evid = 75096436
Depth = 16.0 km
Mw = 4.49
M0 = 6.67e+22 dyne-cm
Percent DC/CLVD/ISO = 67/33/0
sdr = (85,60,144) (195,59,35)
npts = 120 vred = 7.692 km/s
VR = 7.80% lune:9,0



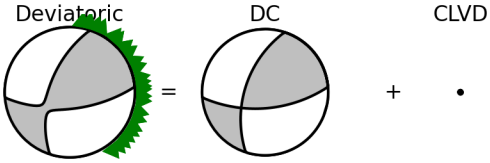


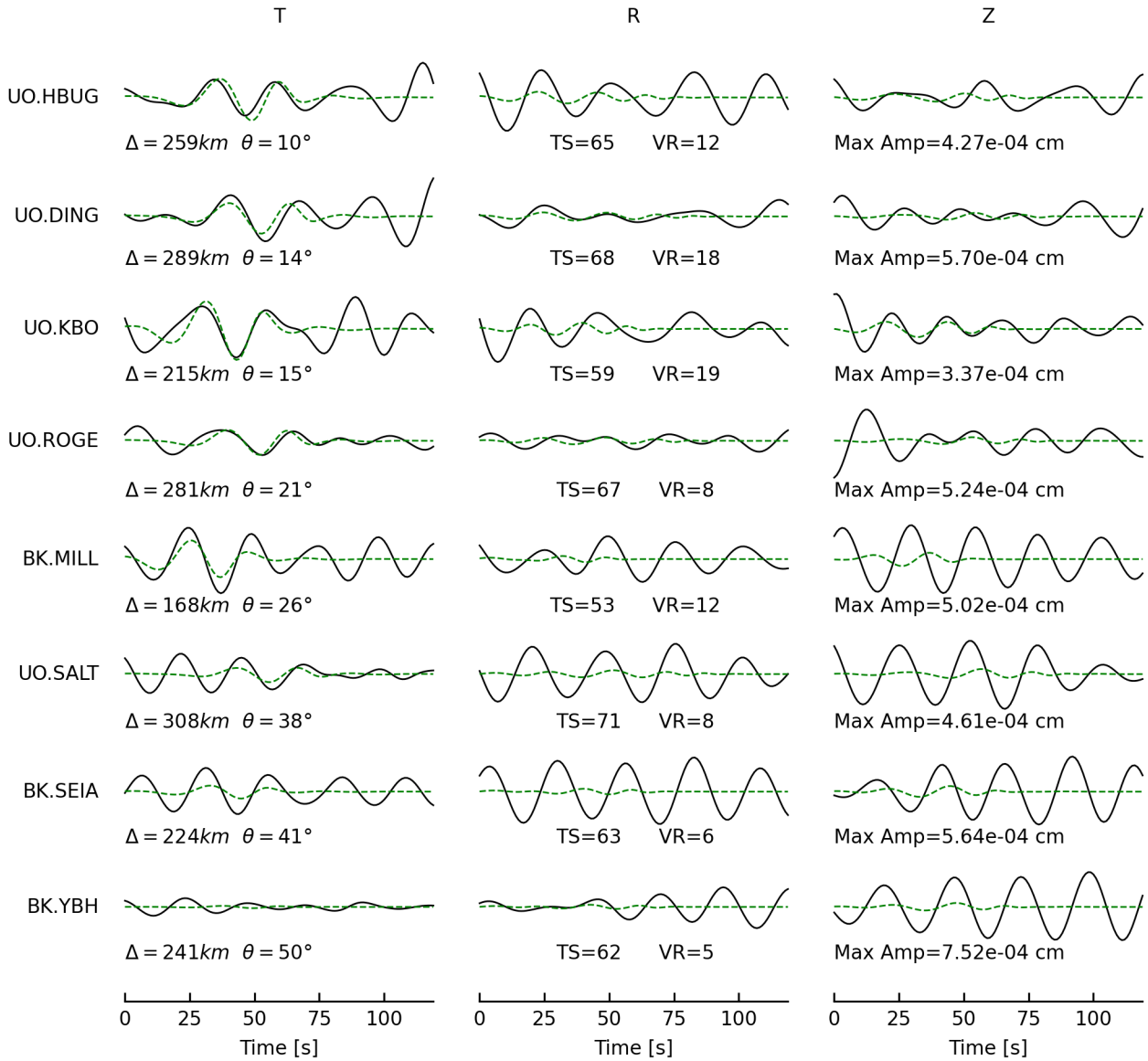

T
R
Z
BK.JCC
Δ = 92km θ = 55°
TS=43 VR=13
Max Amp=6.41e-04 cm
BK.GUMB
Δ = 225km θ = 64°
TS=60 VR=4
Max Amp=4.18e-04 cm
BK.TRIN
Δ = 200km θ = 69°
TS=57 VR=7
Max Amp=4.02e-04 cm
BK.SAGE
Δ = 249km θ = 77°
TS=63 VR=10
Max Amp=5.38e-04 cm
BK.HAYF
Δ = 145km θ = 82°
TS=51 VR=19
Max Amp=5.58e-04 cm
BK.DLIK
Δ = 172km θ = 85°
TS=56 VR=31
Max Amp=5.05e-04 cm
BK.WLKR
Δ = 51km θ = 87°
TS=44 VR=-29
Max Amp=9.25e-04 cm
BK.GHOP
Δ = 80km θ = 93°
TS=41 VR=32
Max Amp=5.45e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

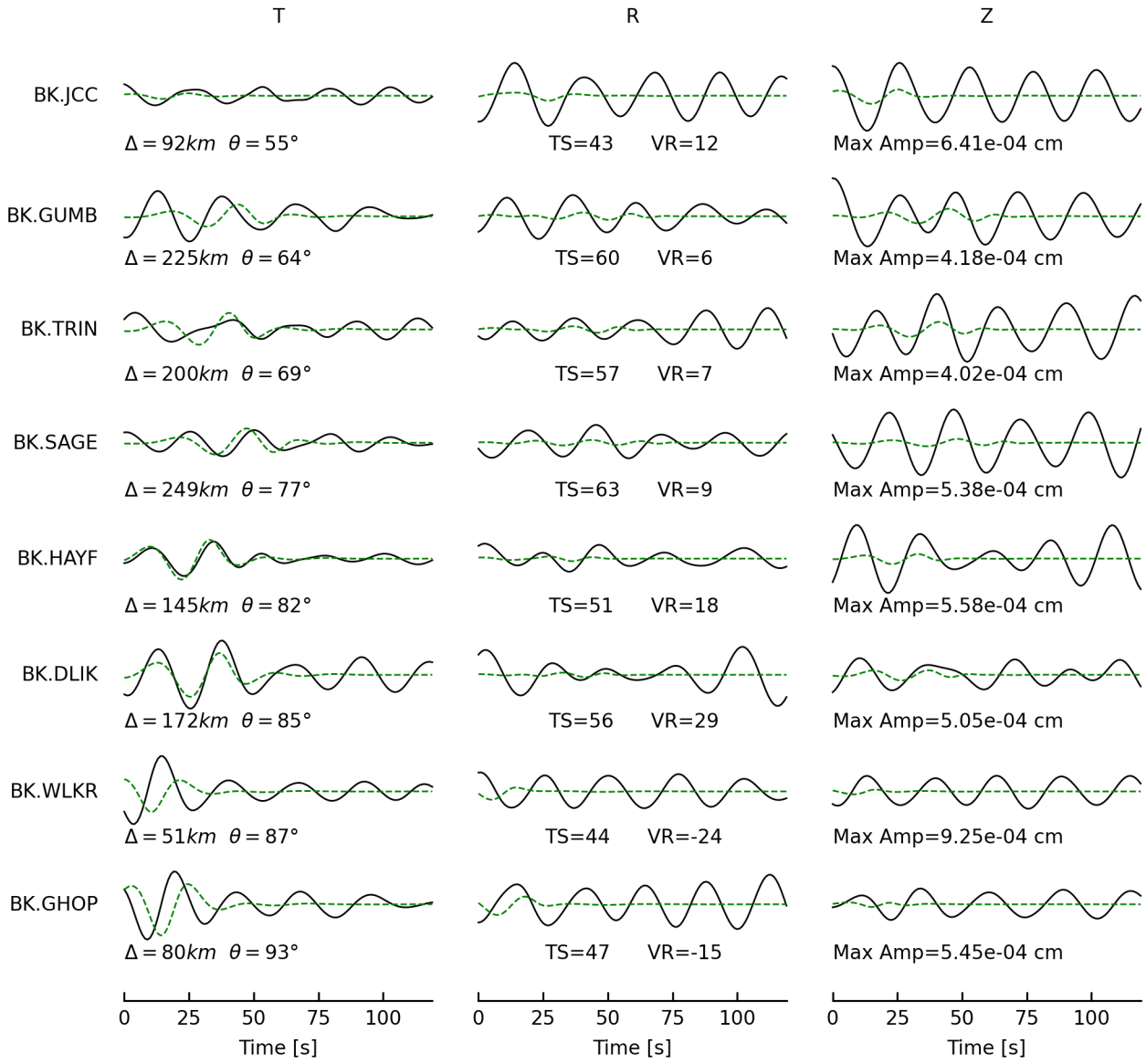

T
R
Z
BK.HUNT
Δ = 152km θ = 96°
TS=51 VR=29
Max Amp=4.36e-04 cm
BK.ORV
Δ = 305km θ = 106°
TS=71 VR=-2
Max Amp=6.26e-04 cm
BK.SPRL
Δ = 98km θ = 111°
TS=44 VR=32
Max Amp=3.36e-04 cm
BK.USAL
Δ = 107km θ = 118°
TS=45 VR=10
Max Amp=3.56e-04 cm
NC.KCPC
Δ = 136km θ = 122°
TS=49 VR=15
Max Amp=4.26e-04 cm
BK.ADAM
Δ = 284km θ = 128°
TS=68 VR=-10
Max Amp=4.31e-04 cm
BK.ORRS
Δ = 174km θ = 133°
TS=54 VR=-1
Max Amp=4.23e-04 cm
BK.BONV
Δ = 202km θ = 138°
TS=57 VR=4
Max Amp=3.88e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

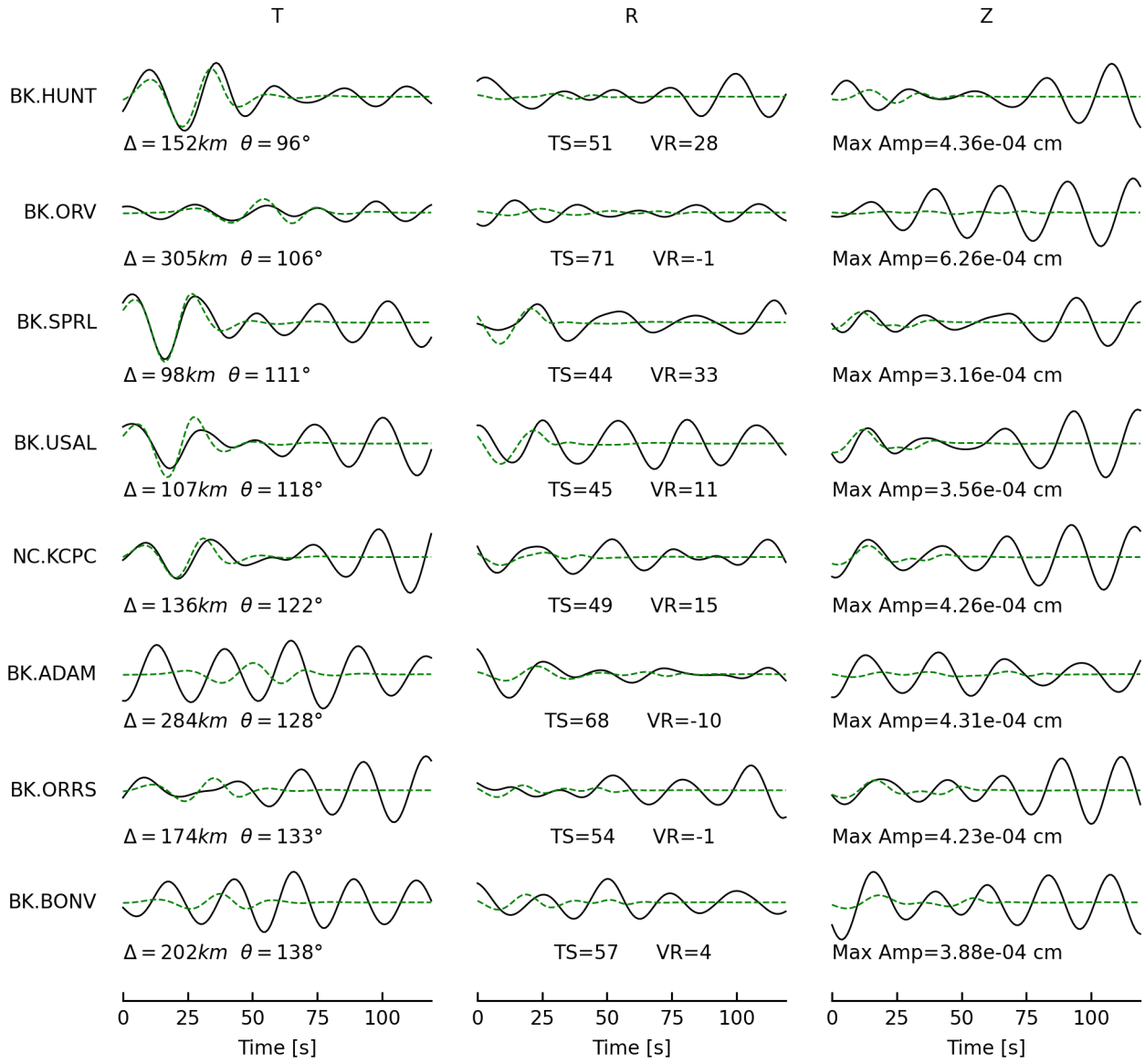

T
R
Z
BK.HRCH
Δ = 244km θ = 143°
TS=63 VR=-4
Max Amp=4.28e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

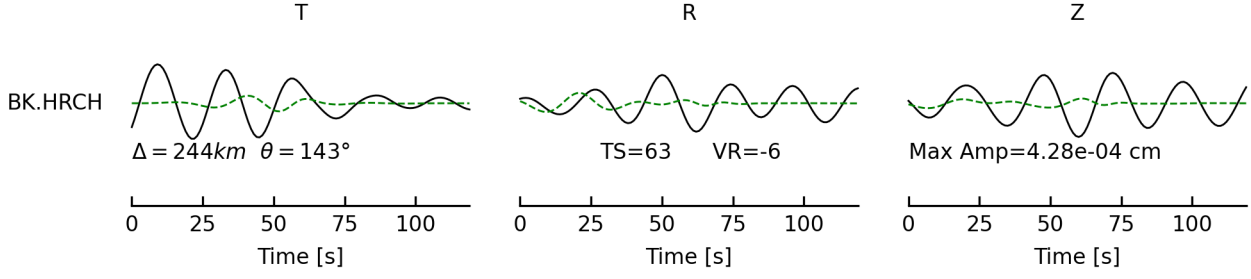
Deviatoric Moment Tensor Inversion
Evid = 75096436
Depth = 17.0 km
Mw = 4.51
M0 = 7.27e+22 dyne-cm
Percent DC/CLVD/ISO = 97/3/0
sdr = (85,61,139) (198,54,36)
npts = 120 vred = 7.692 km/s
VR = 6.77% lune:1,0



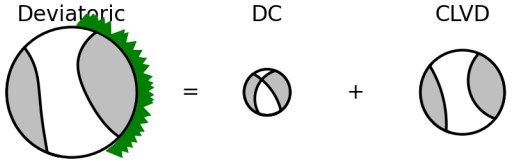



T
R
Z
BK.JCC
Δ = 92km θ = 55°
TS=43 VR=12
Max Amp=6.41e-04 cm
BK.GUMB
Δ = 225km θ = 64°
TS=60 VR=6
Max Amp=4.18e-04 cm
BK.TRIN
Δ = 200km θ = 69°
TS=57 VR=7
Max Amp=4.02e-04 cm
BK.SAGE
Δ = 249km θ = 77°
TS=63 VR=9
Max Amp=5.38e-04 cm
BK.HAYF
Δ = 145km θ = 82°
TS=51 VR=18
Max Amp=5.58e-04 cm
BK.DLIK
Δ = 172km θ = 85°
TS=56 VR=29
Max Amp=5.05e-04 cm
BK.WLKR
Δ = 51km θ = 87°
TS=44 VR=-24
Max Amp=9.25e-04 cm
BK.GHOP
Δ = 80km θ = 93°
TS=47 VR=-15
Max Amp=5.45e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]


T
R
Z
BK.HUNT
Δ = 152km θ = 96°
TS=51 VR=28
Max Amp=4.36e-04 cm
BK.ORV
Δ = 305km θ = 106°
TS=71 VR=-1
Max Amp=6.26e-04 cm
BK.SPRL
Δ = 98km θ = 111°
TS=44 VR=33
Max Amp=3.16e-04 cm
BK.USAL
Δ = 107km θ = 118°
TS=45 VR=11
Max Amp=3.56e-04 cm
NC.KCPC
Δ = 136km θ = 122°
TS=49 VR=15
Max Amp=4.26e-04 cm
BK.ADAM
Δ = 284km θ = 128°
TS=68 VR=-10
Max Amp=4.31e-04 cm
BK.ORRS
Δ = 174km θ = 133°
TS=54 VR=-1
Max Amp=4.23e-04 cm
BK.BONV
Δ = 202km θ = 138°
TS=57 VR=4
Max Amp=3.88e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]


T
R
Z
BK.HRCH
Δ = 244km θ = 143°
TS=63 VR=-6
Max Amp=4.28e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75096691
Depth = 3.0 km
Mw = 4.06
M0 = 1.54e+22 dyne-cm
Percent DC/CLVD/ISO = 35/65/0
sdr = (201,39,-39) (323,67,-122)
npts = 120 vred = 7.692 km/s
VR = 54.46% lune:-18,0



T R Z

UO.HBUG
$\Delta = 256km \;\; \theta = 11°$ TS=64 VR=39 Max Amp=5.85e-05 cm

UO.DING
$\Delta = 287km \;\; \theta = 16°$ TS=68 VR=22 Max Amp=6.58e-05 cm

UO.KBO
$\Delta = 214km \;\; \theta = 17°$ TS=59 VR=34 Max Amp=8.44e-05 cm

UO.ROGE
$\Delta = 280km \;\; \theta = 23°$ TS=68 VR=57 Max Amp=7.49e-05 cm

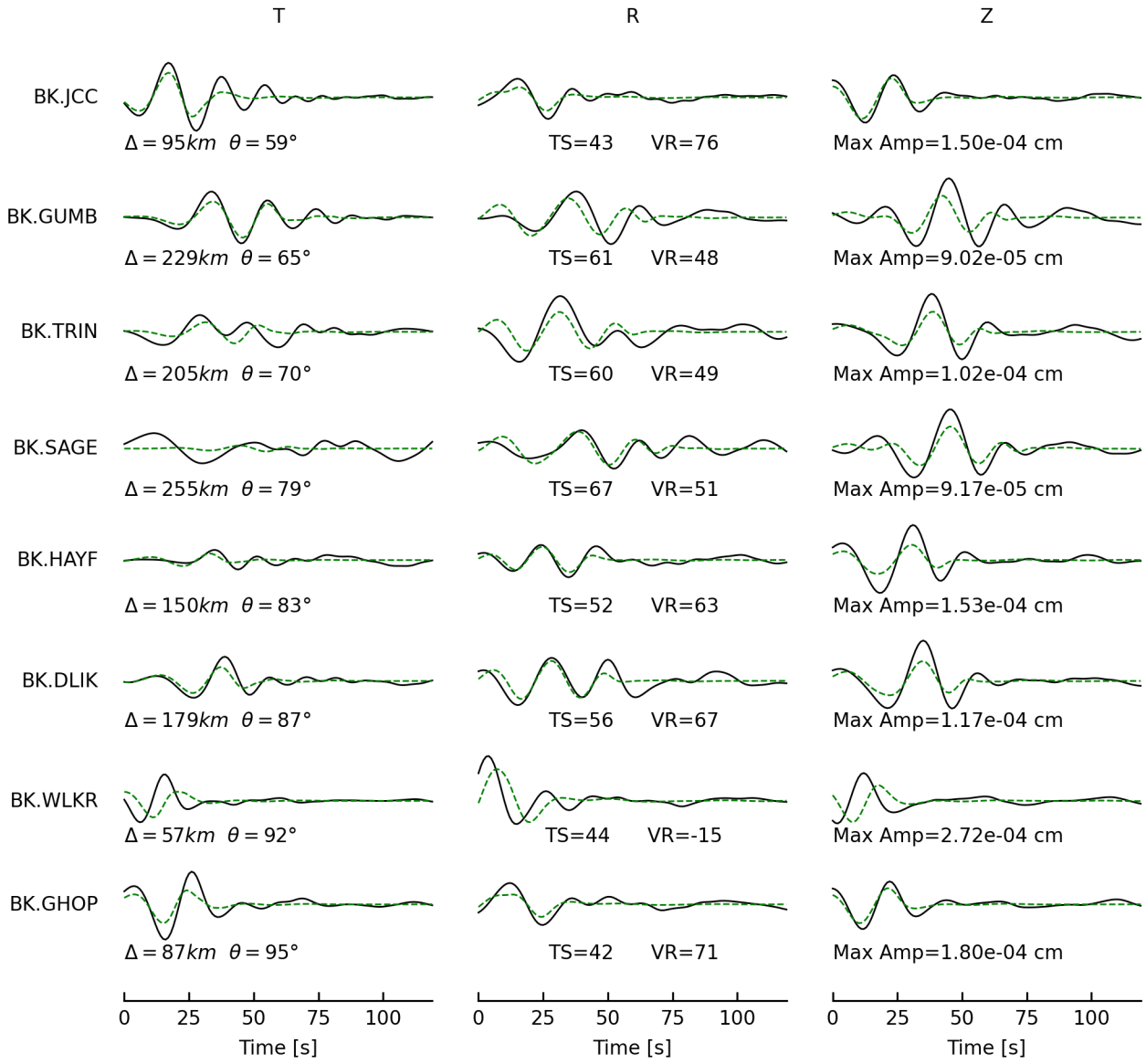
BK.MILL
$\Delta = 168km \;\; \theta = 28°$ TS=53 VR=77 Max Amp=1.18e-04 cm

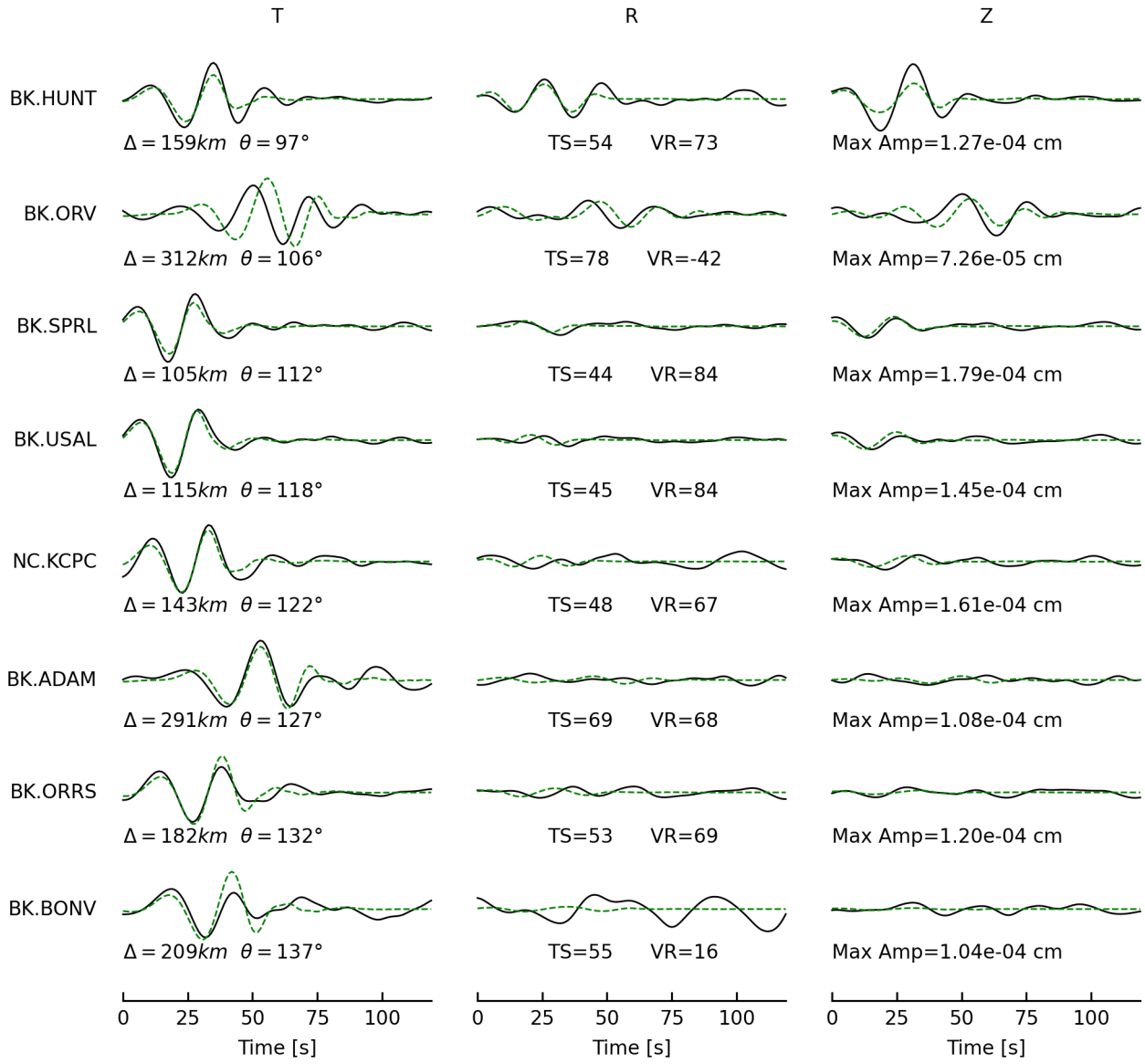
UO.SALT
$\Delta = 309km \;\; \theta = 40°$ TS=71 VR=68 Max Amp=7.48e-05 cm

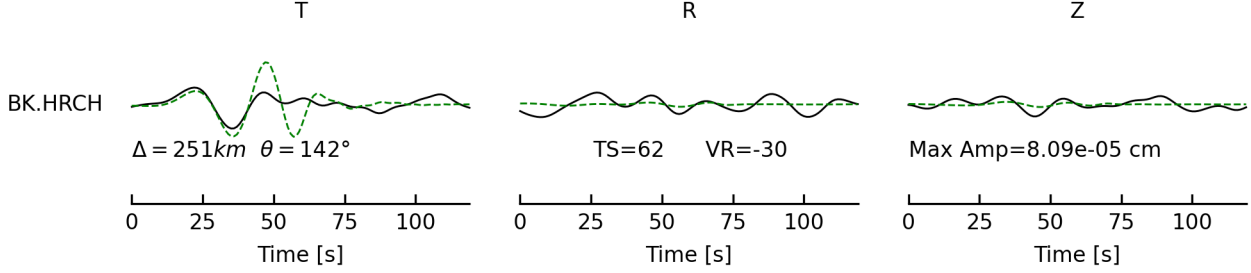
BK.SEIA
$\Delta = 225km \;\; \theta = 43°$ TS=61 VR=66 Max Amp=1.13e-04 cm

BK.YBH
$\Delta = 244km \;\; \theta = 51°$ TS=63 VR=63 Max Amp=8.69e-05 cm

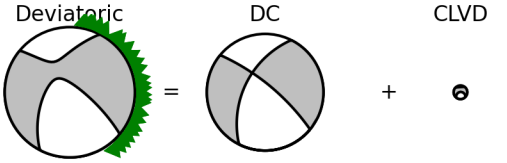
0 25 50 75 100
Time [s]

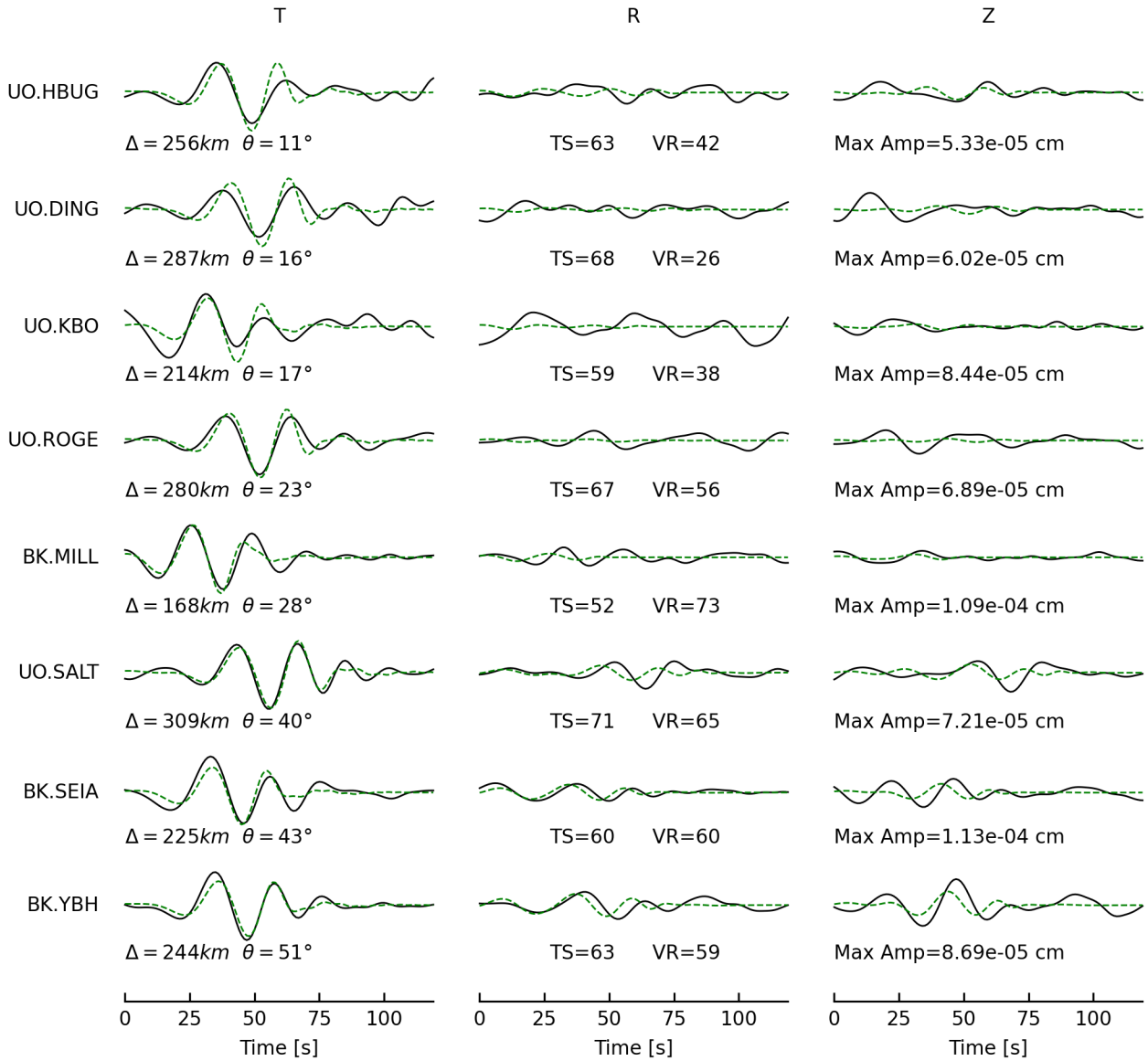

T
R
Z
BK.JCC
Δ = 95km θ = 59°
TS=43 VR=76
Max Amp=1.50e-04 cm
BK.GUMB
Δ = 229km θ = 65°
TS=61 VR=48
Max Amp=9.02e-05 cm
BK.TRIN
Δ = 205km θ = 70°
TS=60 VR=49
Max Amp=1.02e-04 cm
BK.SAGE
Δ = 255km θ = 79°
TS=67 VR=51
Max Amp=9.17e-05 cm
BK.HAYF
Δ = 150km θ = 83°
TS=52 VR=63
Max Amp=1.53e-04 cm
BK.DLIK
Δ = 179km θ = 87°
TS=56 VR=67
Max Amp=1.17e-04 cm
BK.WLKR
Δ = 57km θ = 92°
TS=44 VR=-15
Max Amp=2.72e-04 cm
BK.GHOP
Δ = 87km θ = 95°
TS=42 VR=71
Max Amp=1.80e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

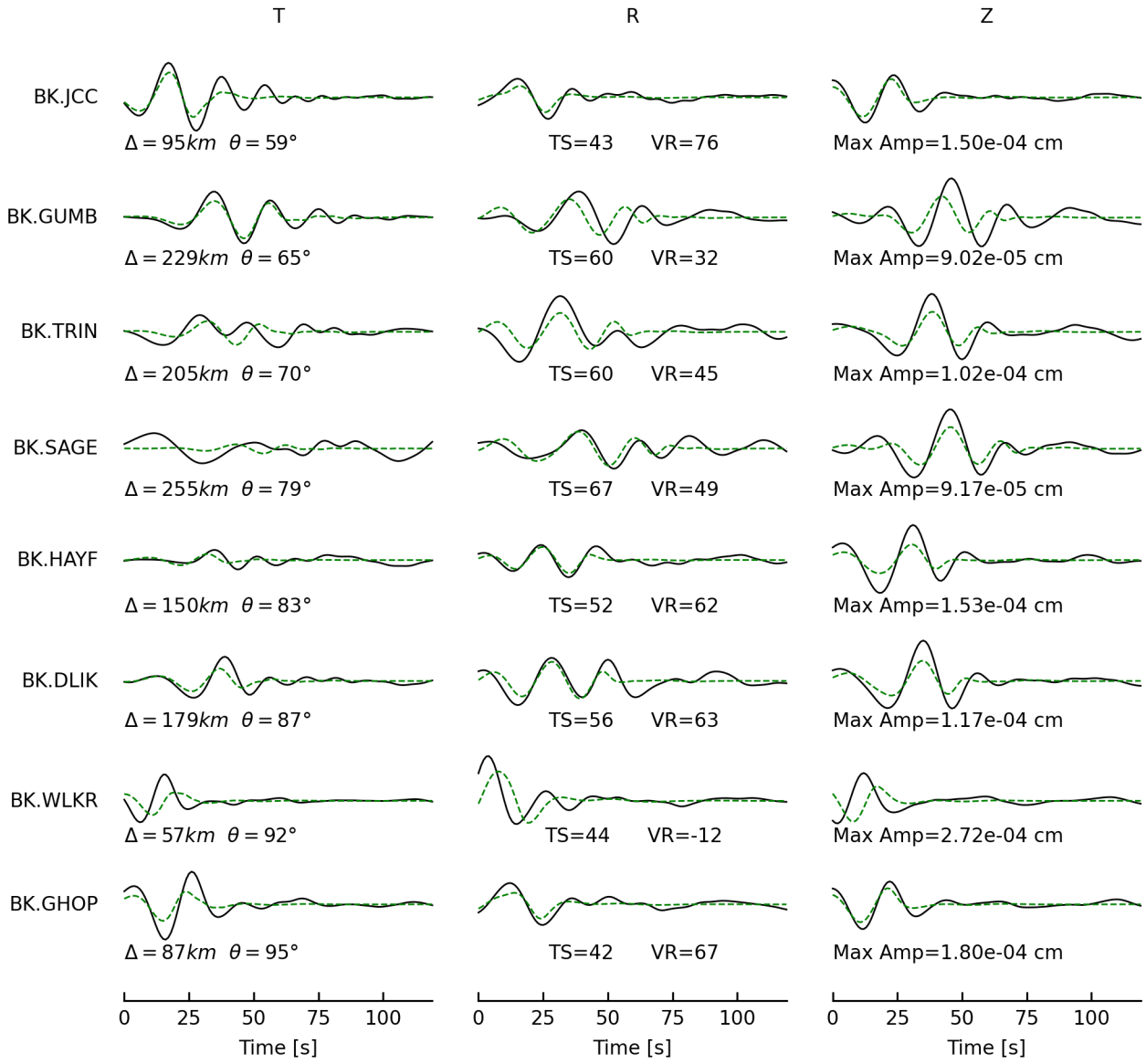

T
R
Z
BK.HUNT
Δ = 159km θ = 97°
TS=54 VR=73
Max Amp=1.27e-04 cm
BK.ORV
Δ = 312km θ = 106°
TS=78 VR=-42
Max Amp=7.26e-05 cm
BK.SPRL
Δ = 105km θ = 112°
TS=44 VR=84
Max Amp=1.79e-04 cm
BK.USAL
Δ = 115km θ = 118°
TS=45 VR=84
Max Amp=1.45e-04 cm
NC.KCPC
Δ = 143km θ = 122°
TS=48 VR=67
Max Amp=1.61e-04 cm
BK.ADAM
Δ = 291km θ = 127°
TS=69 VR=68
Max Amp=1.08e-04 cm
BK.ORRS
Δ = 182km θ = 132°
TS=53 VR=69
Max Amp=1.20e-04 cm
BK.BONV
Δ = 209km θ = 137°
TS=55 VR=16
Max Amp=1.04e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

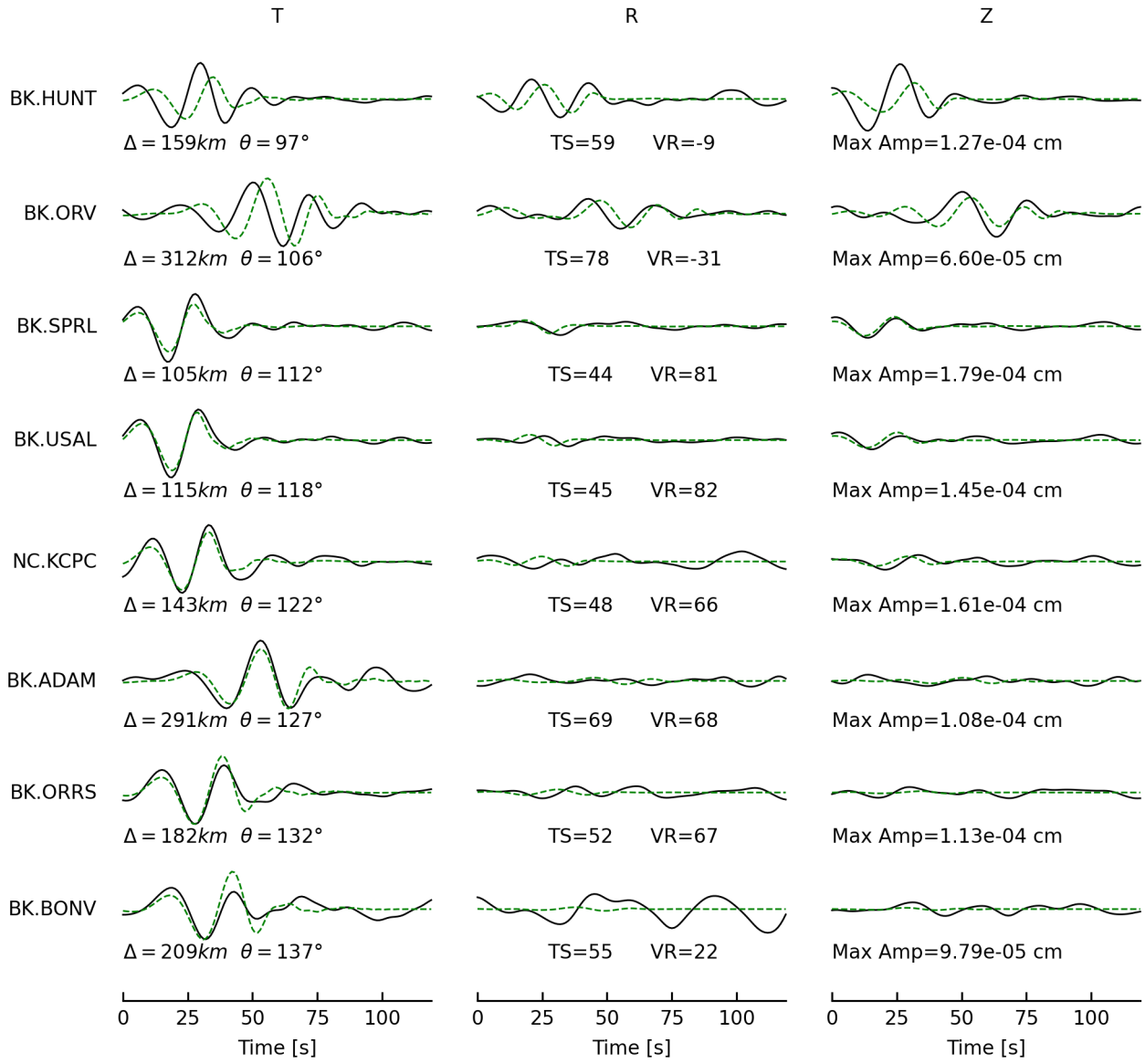

T
R
Z
BK.HRCH
Δ = 251km θ = 142°
TS=62 VR=-30
Max Amp=8.09e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

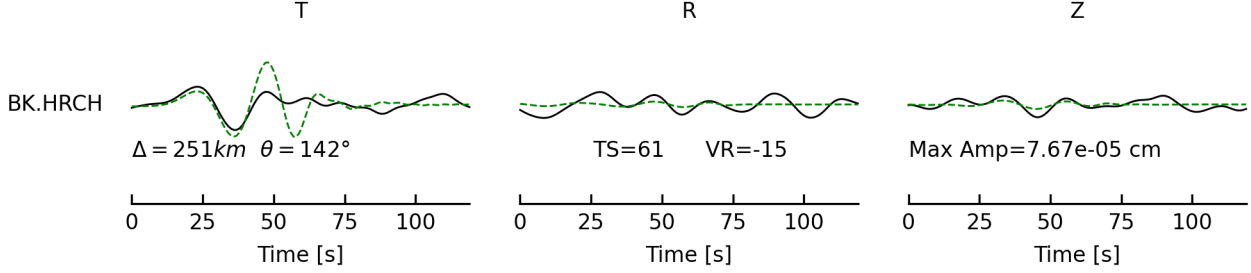
Deviatoric Moment Tensor Inversion
Evid = 75096691
Depth = 1.0 km
Mw = 4.04
M0 = 1.45e+22 dyne-cm
Percent DC/CLVD/ISO = 90/10/0
sdr = (207,51,-20) (310,75,-139)
npts = 120 vred = 7.692 km/s
VR = 47.96% lune:3,0



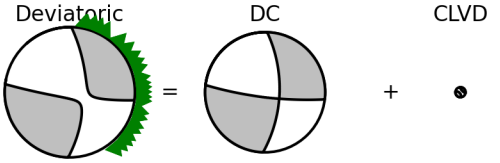


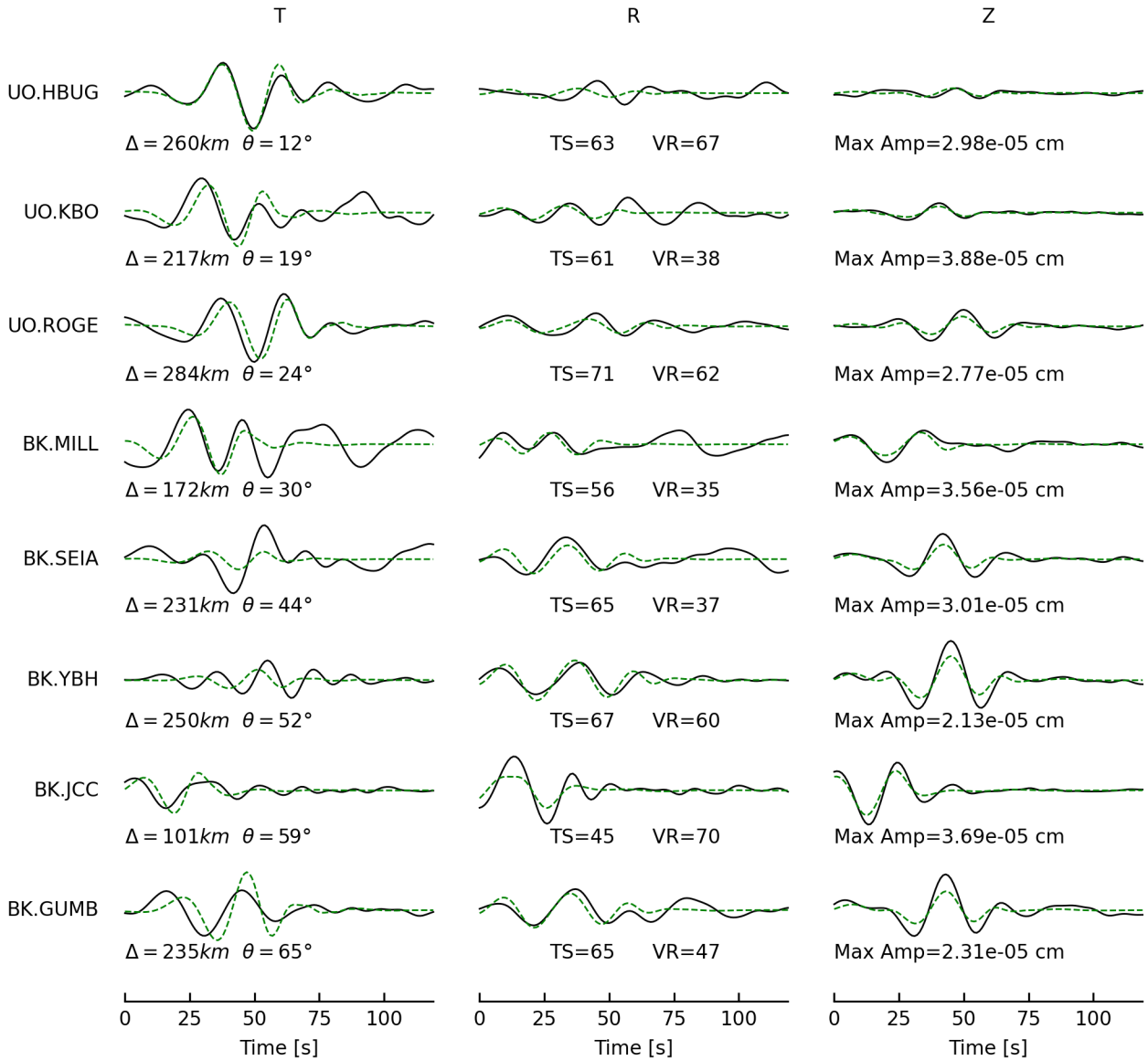

T
R
Z
BK.JCC
Δ = 95km θ = 59°
TS=43 VR=76
Max Amp=1.50e-04 cm
BK.GUMB
Δ = 229km θ = 65°
TS=60 VR=32
Max Amp=9.02e-05 cm
BK.TRIN
Δ = 205km θ = 70°
TS=60 VR=45
Max Amp=1.02e-04 cm
BK.SAGE
Δ = 255km θ = 79°
TS=67 VR=49
Max Amp=9.17e-05 cm
BK.HAYF
Δ = 150km θ = 83°
TS=52 VR=62
Max Amp=1.53e-04 cm
BK.DLIK
Δ = 179km θ = 87°
TS=56 VR=63
Max Amp=1.17e-04 cm
BK.WLKR
Δ = 57km θ = 92°
TS=44 VR=-12
Max Amp=2.72e-04 cm
BK.GHOP
Δ = 87km θ = 95°
TS=42 VR=67
Max Amp=1.80e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

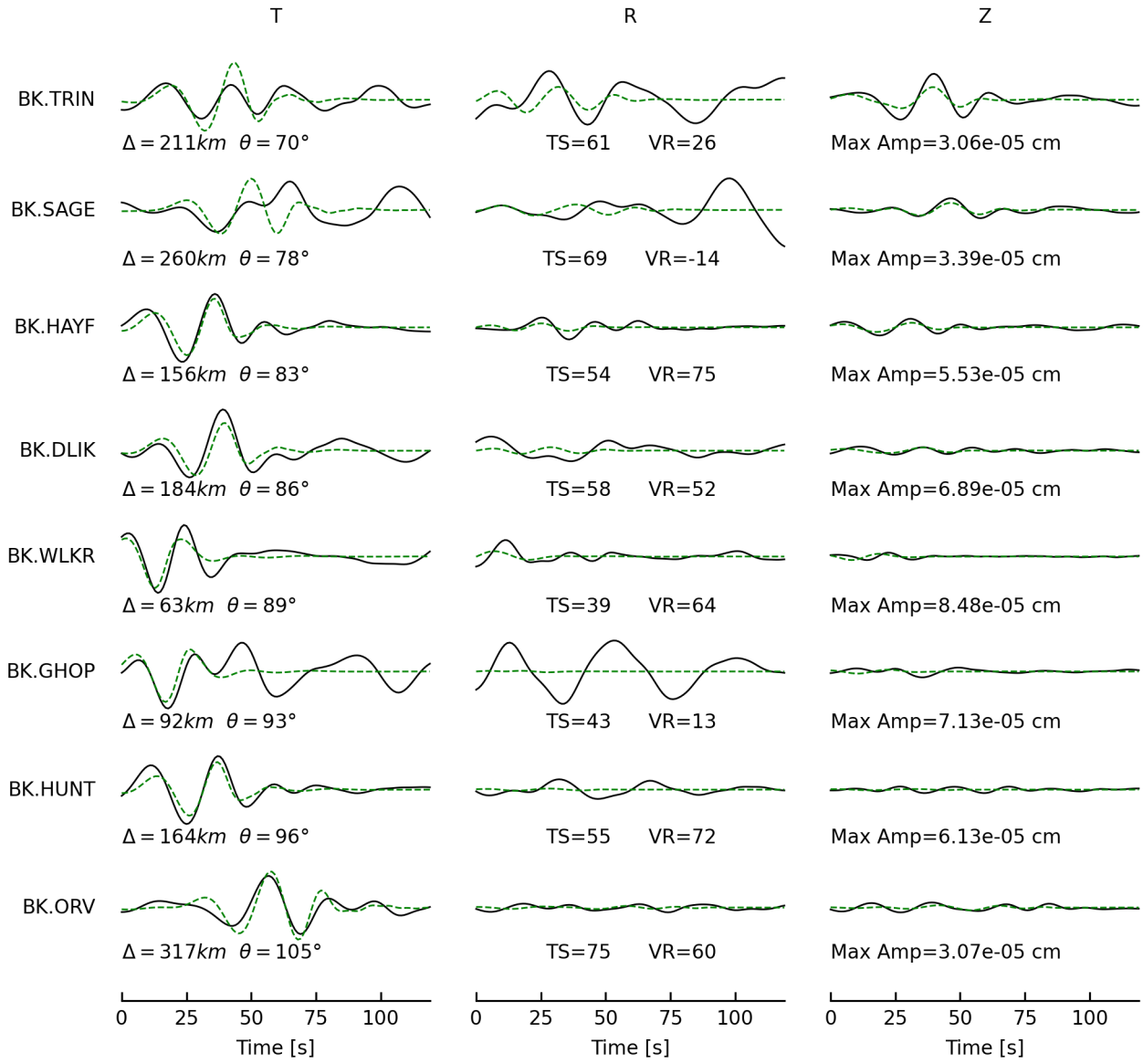

T
R
Z
BK.HUNT
Δ = 159km θ = 97°
TS=59 VR=-9
Max Amp=1.27e-04 cm
BK.ORV
Δ = 312km θ = 106°
TS=78 VR=-31
Max Amp=6.60e-05 cm
BK.SPRL
Δ = 105km θ = 112°
TS=44 VR=81
Max Amp=1.79e-04 cm
BK.USAL
Δ = 115km θ = 118°
TS=45 VR=82
Max Amp=1.45e-04 cm
NC.KCPC
Δ = 143km θ = 122°
TS=48 VR=66
Max Amp=1.61e-04 cm
BK.ADAM
Δ = 291km θ = 127°
TS=69 VR=68
Max Amp=1.08e-04 cm
BK.ORRS
Δ = 182km θ = 132°
TS=52 VR=67
Max Amp=1.13e-04 cm
BK.BONV
Δ = 209km θ = 137°
TS=55 VR=22
Max Amp=9.79e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

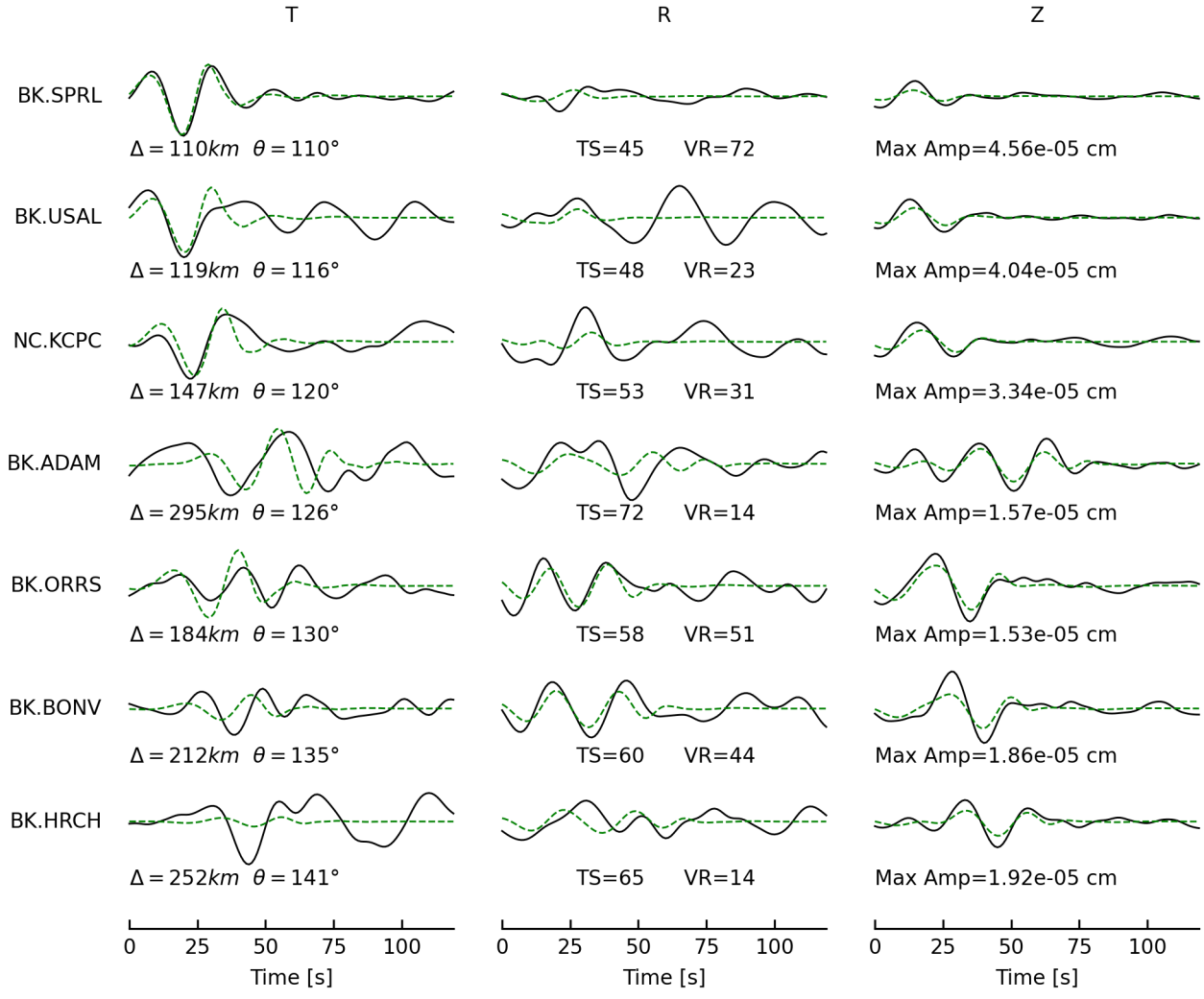

T
R
Z
BK.HRCH
Δ = 251km θ = 142°
TS=61 VR=-15
Max Amp=7.67e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75097046
Depth = 5.0 km
Mw = 3.76
M0 = 5.38e+21 dyne-cm
Percent DC/CLVD/ISO = 92/8/0
sdr = (97,80,-153) (2,63,-11)
npts = 120 vred = 7.692 km/s
VR = 38.26% lune:-2,0

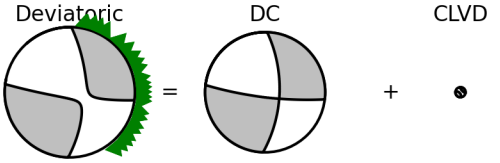


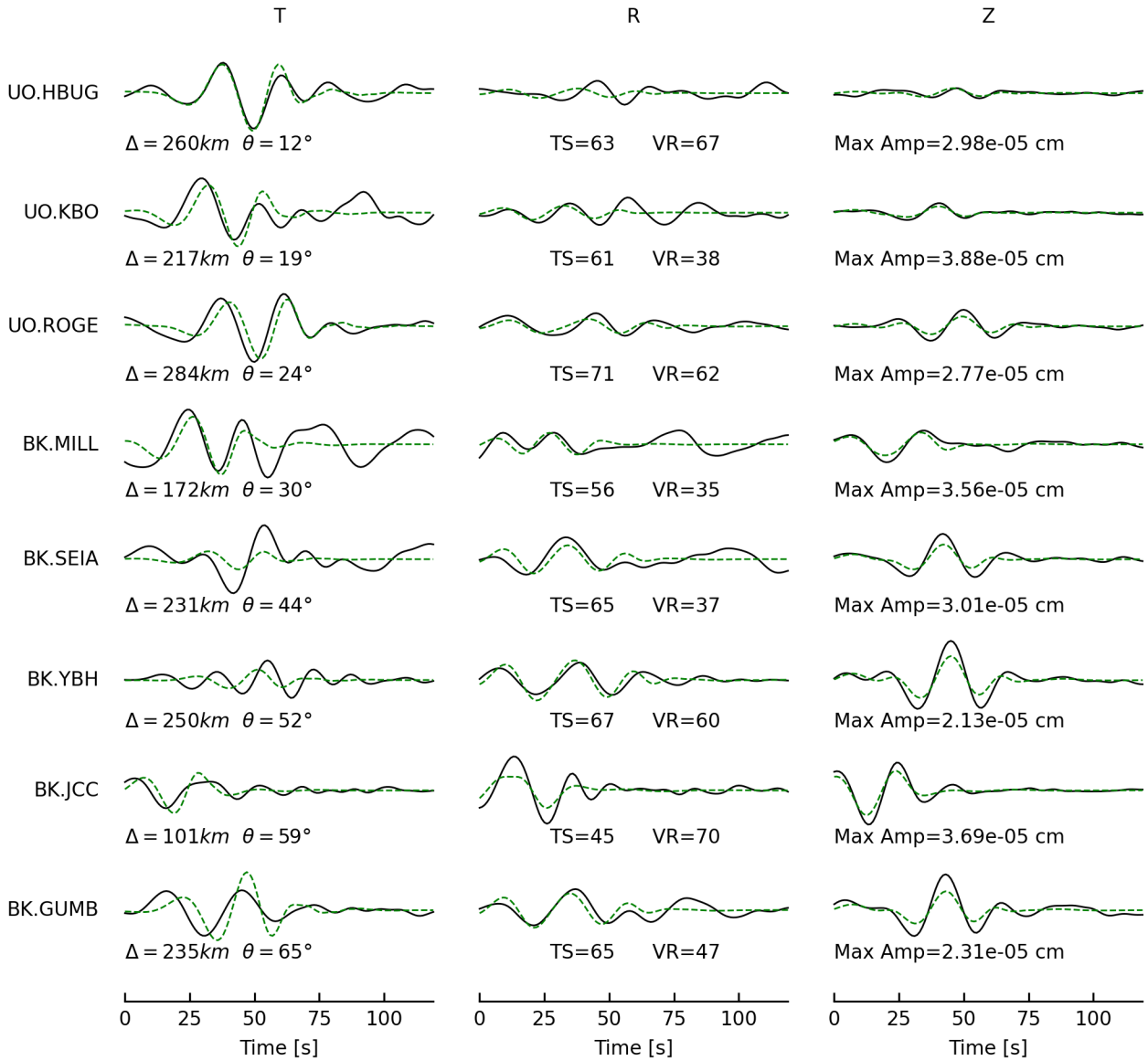


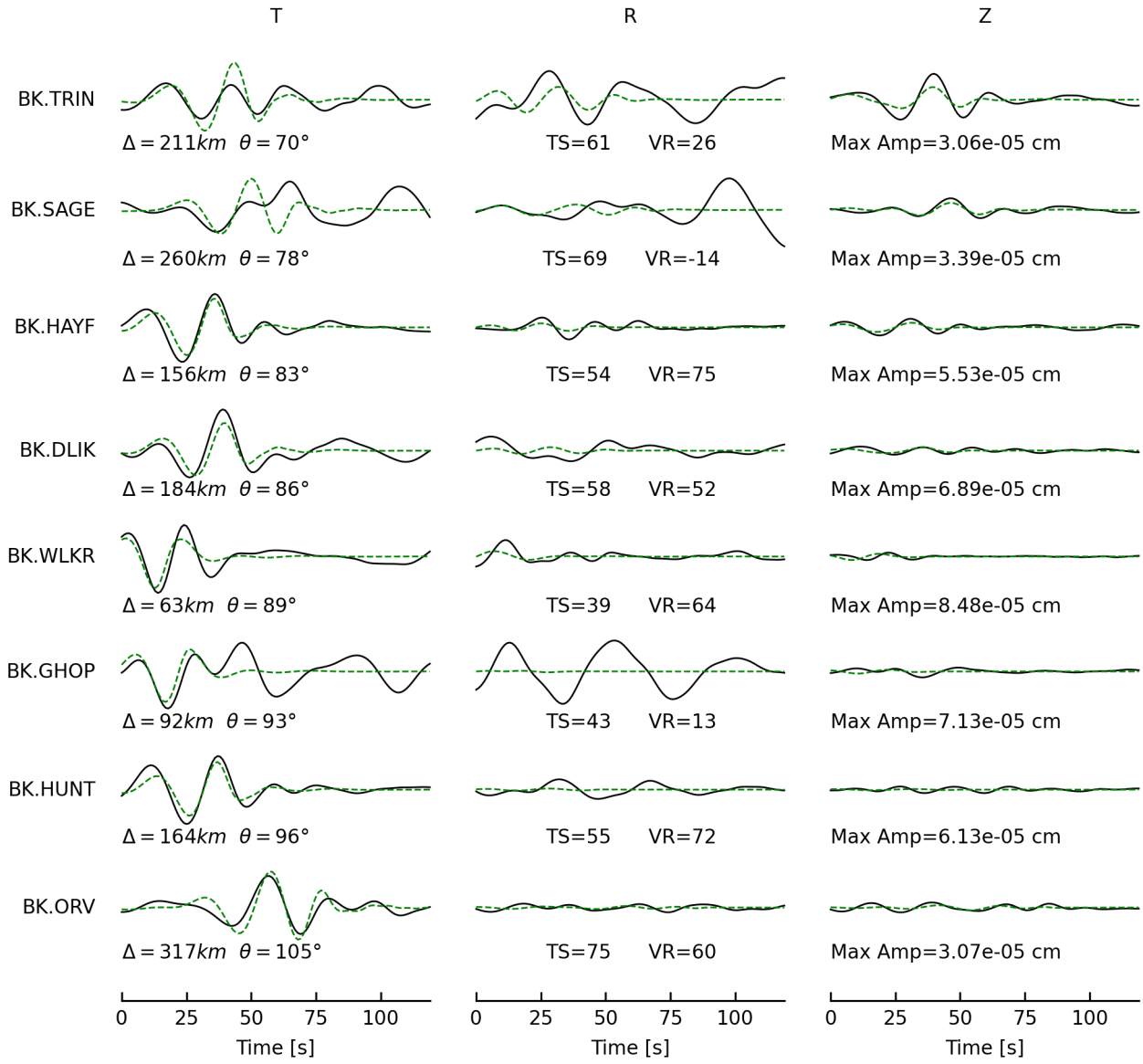

T
R
Z
BK.TRIN
Δ = 211km θ = 70°
TS=61 VR=26
Max Amp=3.06e-05 cm
BK.SAGE
Δ = 260km θ = 78°
TS=69 VR=-14
Max Amp=3.39e-05 cm
BK.HAYF
Δ = 156km θ = 83°
TS=54 VR=75
Max Amp=5.53e-05 cm
BK.DLIK
Δ = 184km θ = 86°
TS=58 VR=52
Max Amp=6.89e-05 cm
BK.WLKR
Δ = 63km θ = 89°
TS=39 VR=64
Max Amp=8.48e-05 cm
BK.GHOP
Δ = 92km θ = 93°
TS=43 VR=13
Max Amp=7.13e-05 cm
BK.HUNT
Δ = 164km θ = 96°
TS=55 VR=72
Max Amp=6.13e-05 cm
BK.ORV
Δ = 317km θ = 105°
TS=75 VR=60
Max Amp=3.07e-05 cm
0 25 50 75 100
Time [s]

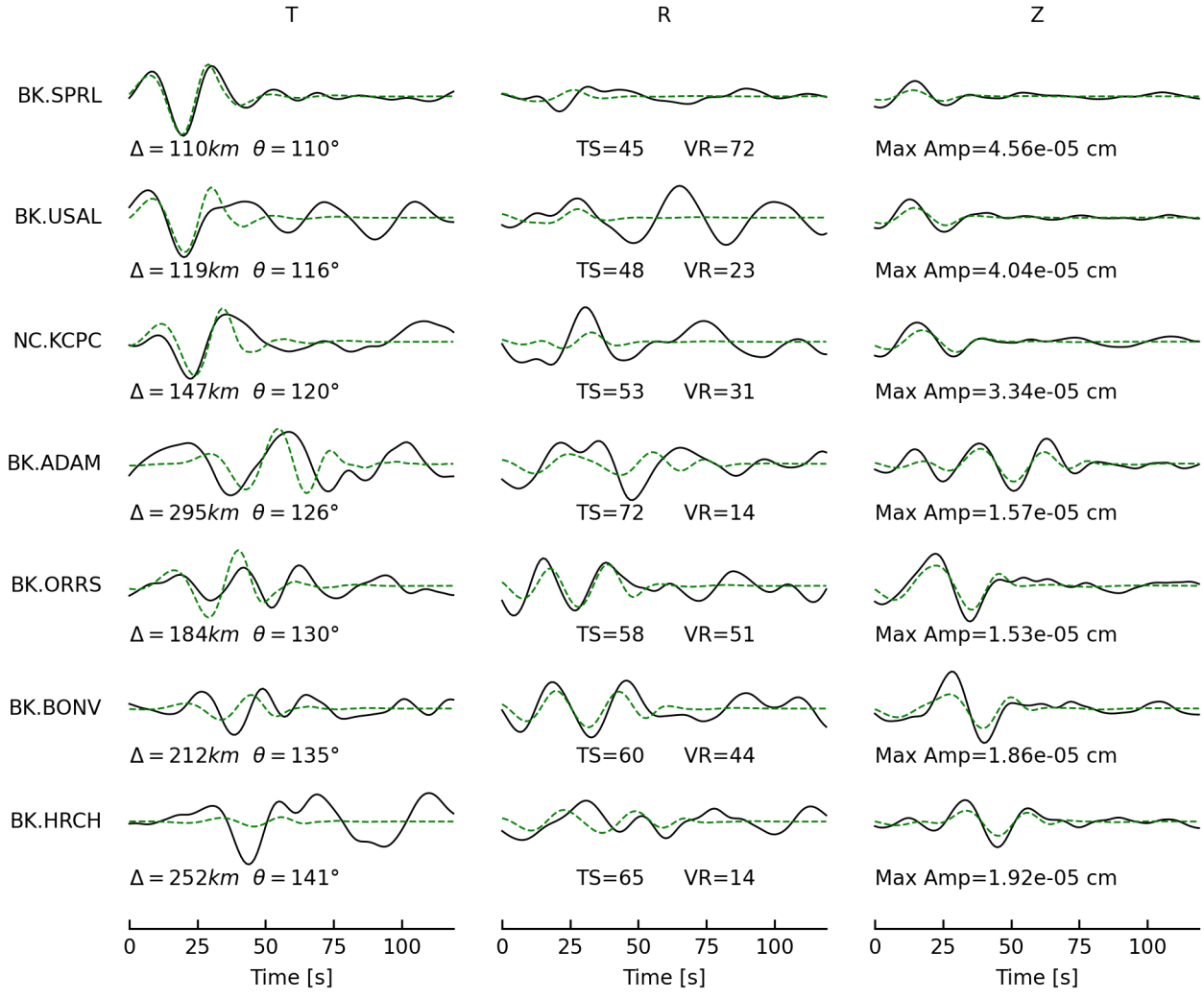

T
R
Z
BK.SPRL
Δ = 110km θ = 110°
TS=45 VR=72
Max Amp=4.56e-05 cm
BK.USAL
Δ = 119km θ = 116°
TS=48 VR=23
Max Amp=4.04e-05 cm
NC.KCPC
Δ = 147km θ = 120°
TS=53 VR=31
Max Amp=3.34e-05 cm
BK.ADAM
Δ = 295km θ = 126°
TS=72 VR=14
Max Amp=1.57e-05 cm
BK.ORRS
Δ = 184km θ = 130°
TS=58 VR=51
Max Amp=1.53e-05 cm
BK.BONV
Δ = 212km θ = 135°
TS=60 VR=44
Max Amp=1.86e-05 cm
BK.HRCH
Δ = 252km θ = 141°
TS=65 VR=14
Max Amp=1.92e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75097046
Depth = 5.0 km
Mw = 3.76
M0 = 5.38e+21 dyne-cm
Percent DC/CLVD/ISO = 92/8/0
sdr = (97,80,-153) (2,63,-11)
npts = 120 vred = 7.692 km/s
VR = 38.26% lune:-2,0

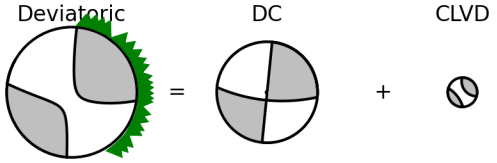


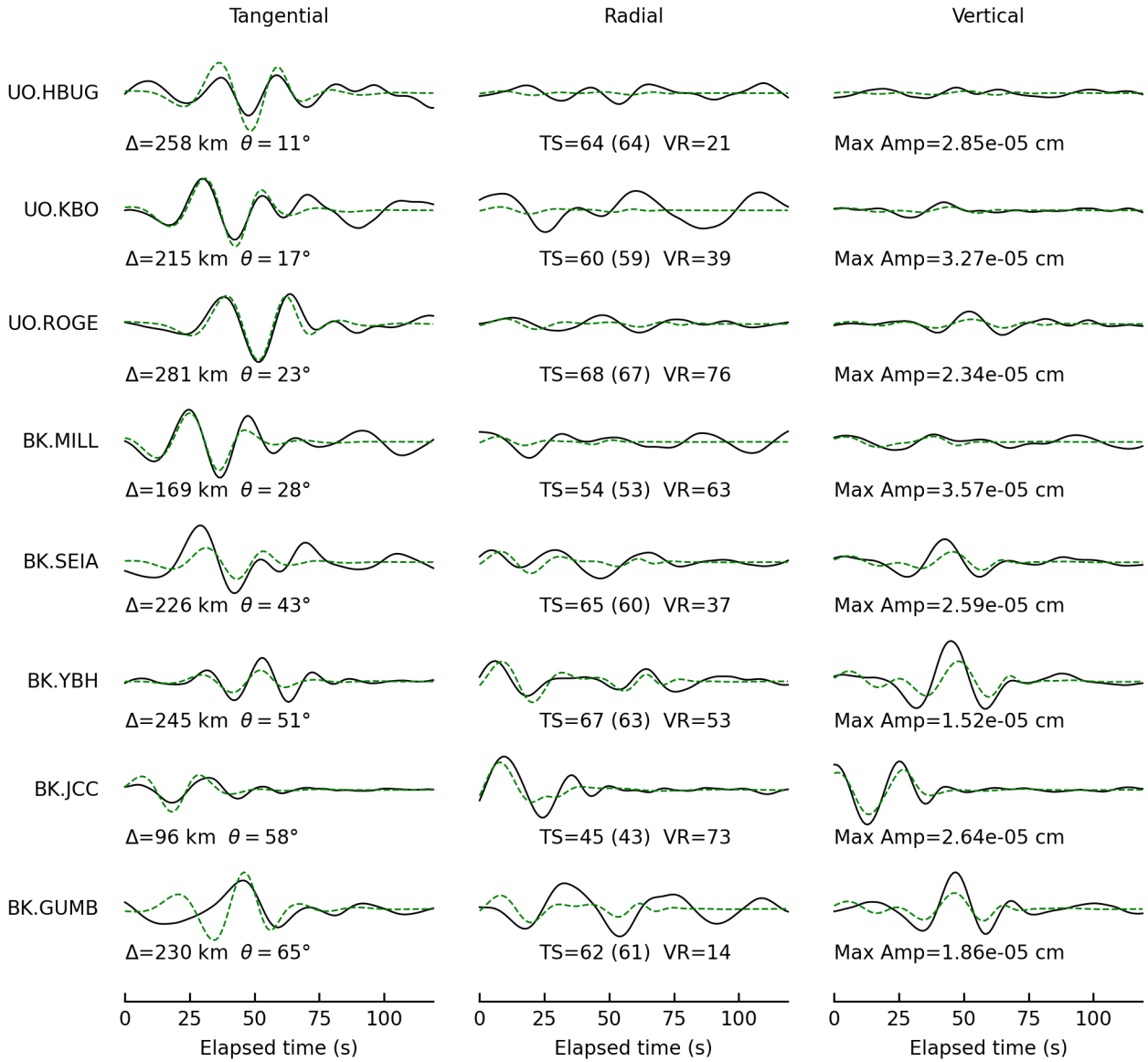


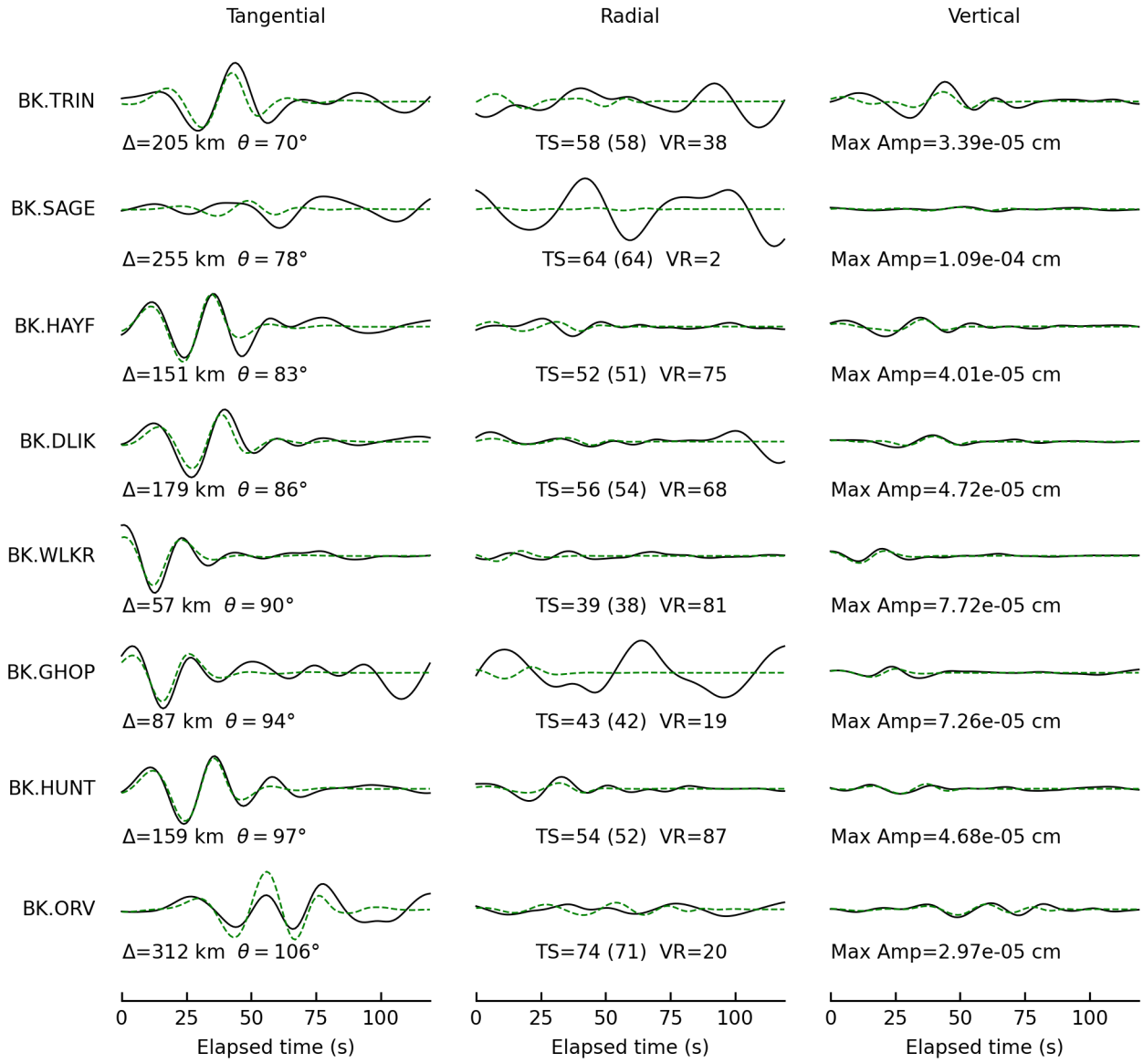

T
R
Z
BK.TRIN
Δ = 211km θ = 70°
TS=61 VR=26
Max Amp=3.06e-05 cm
BK.SAGE
Δ = 260km θ = 78°
TS=69 VR=-14
Max Amp=3.39e-05 cm
BK.HAYF
Δ = 156km θ = 83°
TS=54 VR=75
Max Amp=5.53e-05 cm
BK.DLIK
Δ = 184km θ = 86°
TS=58 VR=52
Max Amp=6.89e-05 cm
BK.WLKR
Δ = 63km θ = 89°
TS=39 VR=64
Max Amp=8.48e-05 cm
BK.GHOP
Δ = 92km θ = 93°
TS=43 VR=13
Max Amp=7.13e-05 cm
BK.HUNT
Δ = 164km θ = 96°
TS=55 VR=72
Max Amp=6.13e-05 cm
BK.ORV
Δ = 317km θ = 105°
TS=75 VR=60
Max Amp=3.07e-05 cm
0 25 50 75 100
Time [s]

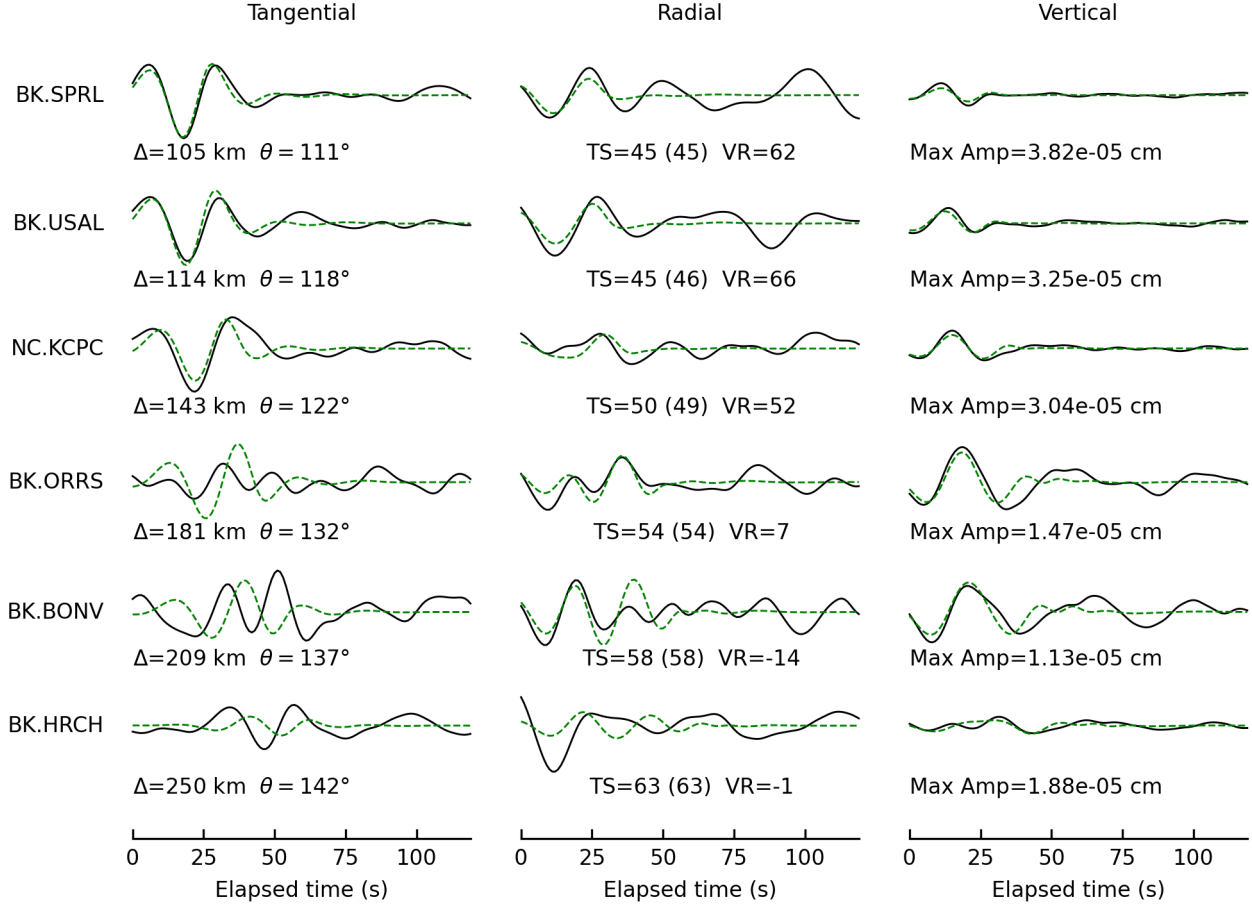

T
R
Z
BK.SPRL
Δ = 110km θ = 110°
TS=45 VR=72
Max Amp=4.56e-05 cm
BK.USAL
Δ = 119km θ = 116°
TS=48 VR=23
Max Amp=4.04e-05 cm
NC.KCPC
Δ = 147km θ = 120°
TS=53 VR=31
Max Amp=3.34e-05 cm
BK.ADAM
Δ = 295km θ = 126°
TS=72 VR=14
Max Amp=1.57e-05 cm
BK.ORRS
Δ = 184km θ = 130°
TS=58 VR=51
Max Amp=1.53e-05 cm
BK.BONV
Δ = 212km θ = 135°
TS=60 VR=44
Max Amp=1.86e-05 cm
BK.HRCH
Δ = 252km θ = 141°
TS=65 VR=14
Max Amp=1.92e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75097086
Depth = 16.0 km
Mw = 3.82
M0 = 6.58e+21 dyne-cm
Percent DC/CLVD/ISO = 77/23/0
sdr = (96,72,180) (186,90,18)
npts = 120 vred = 7.692 km/s
VR = 21.71% lune:-6,0

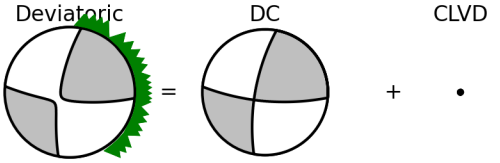


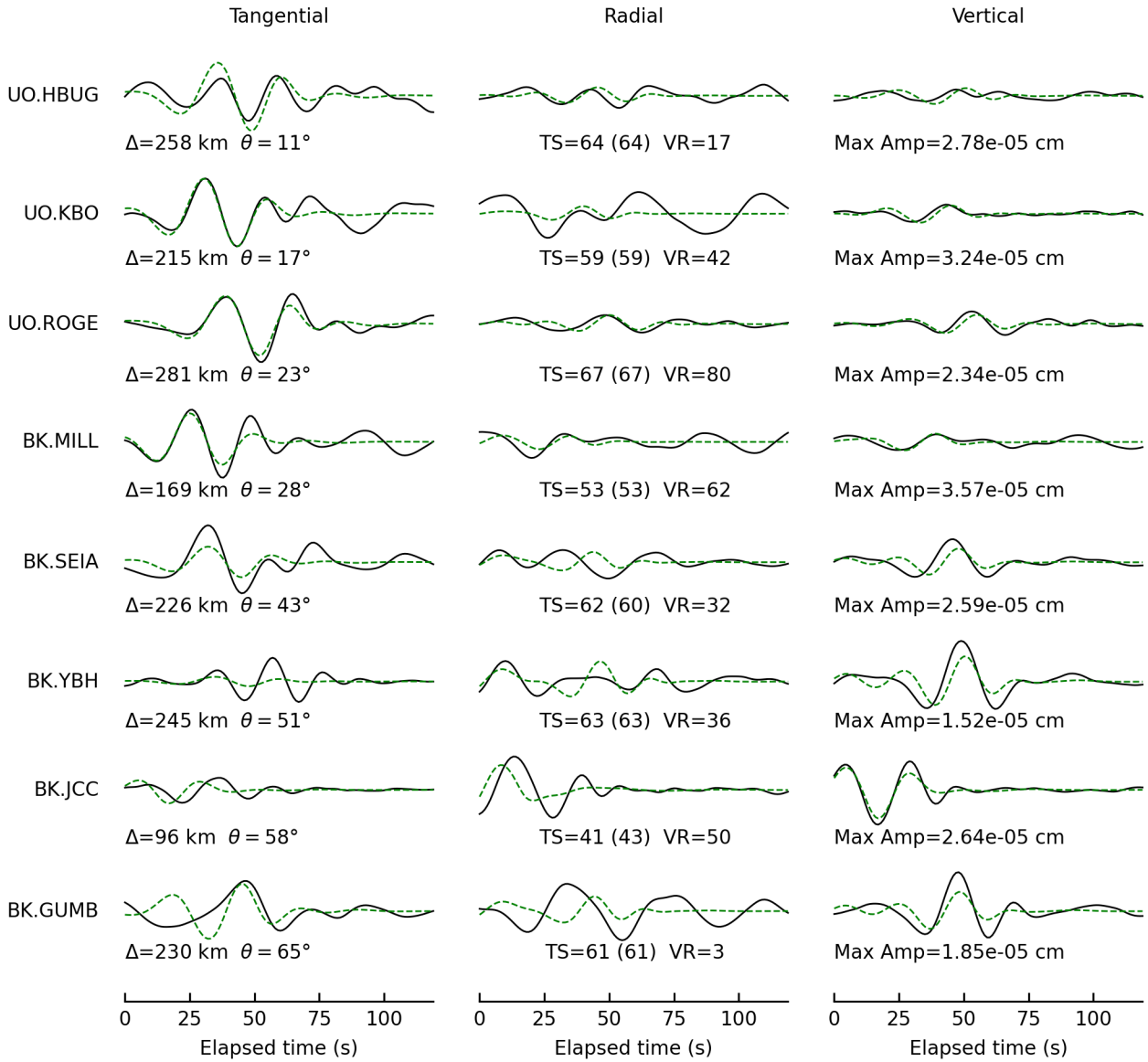


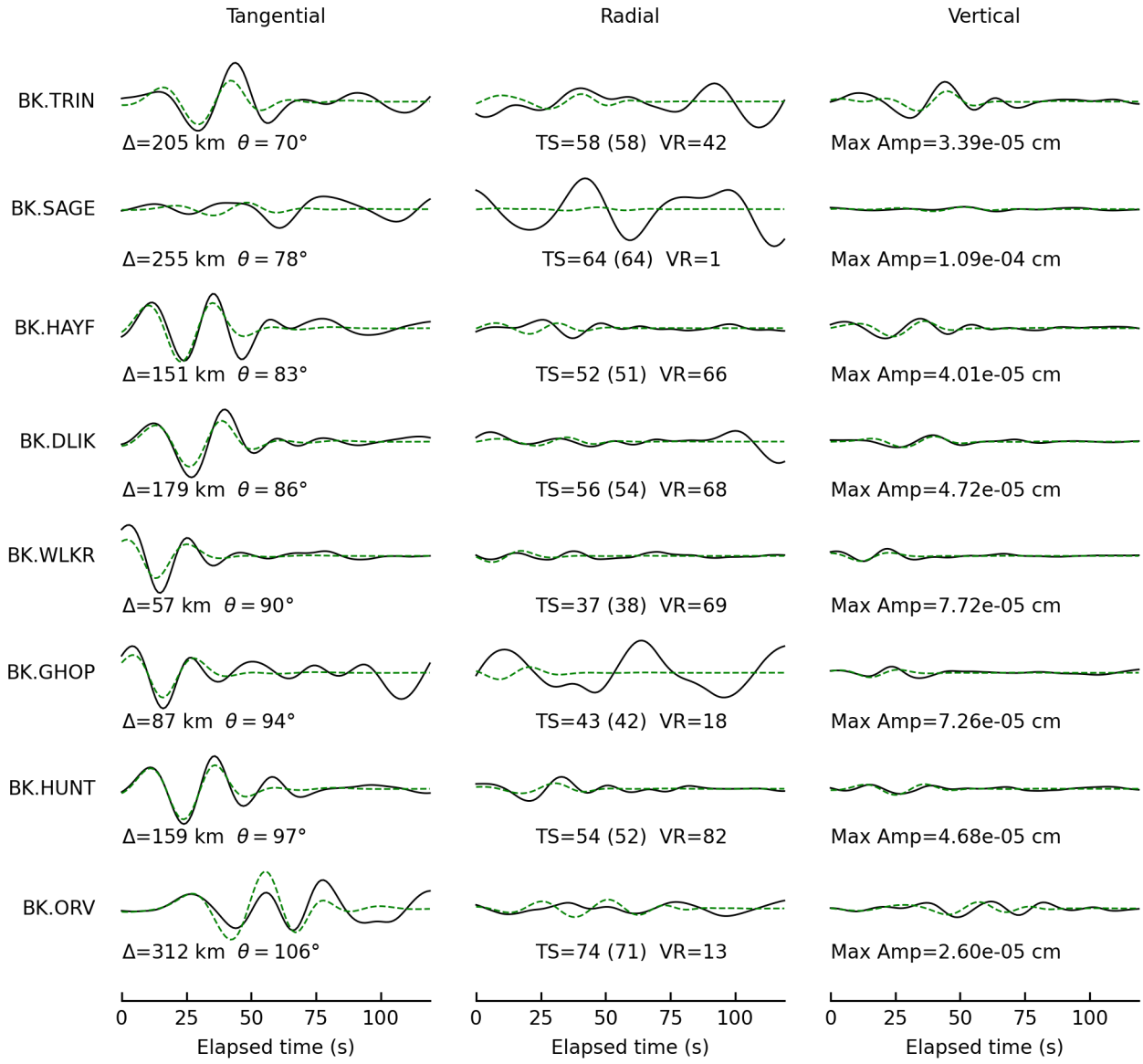

Tangential
Radial
Vertical
BK.TRIN
Δ=205 km θ = 70°
TS=58 (58) VR=38
Max Amp=3.39e-05 cm
BK.SAGE
Δ=255 km θ = 78°
TS=64 (64) VR=2
Max Amp=1.09e-04 cm
BK.HAYF
Δ=151 km θ = 83°
TS=52 (51) VR=75
Max Amp=4.01e-05 cm
BK.DLIK
Δ=179 km θ = 86°
TS=56 (54) VR=68
Max Amp=4.72e-05 cm
BK.WLKR
Δ=57 km θ = 90°
TS=39 (38) VR=81
Max Amp=7.72e-05 cm
BK.GHOP
Δ=87 km θ = 94°
TS=43 (42) VR=19
Max Amp=7.26e-05 cm
BK.HUNT
Δ=159 km θ = 97°
TS=54 (52) VR=87
Max Amp=4.68e-05 cm
BK.ORV
Δ=312 km θ = 106°
TS=74 (71) VR=20
Max Amp=2.97e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

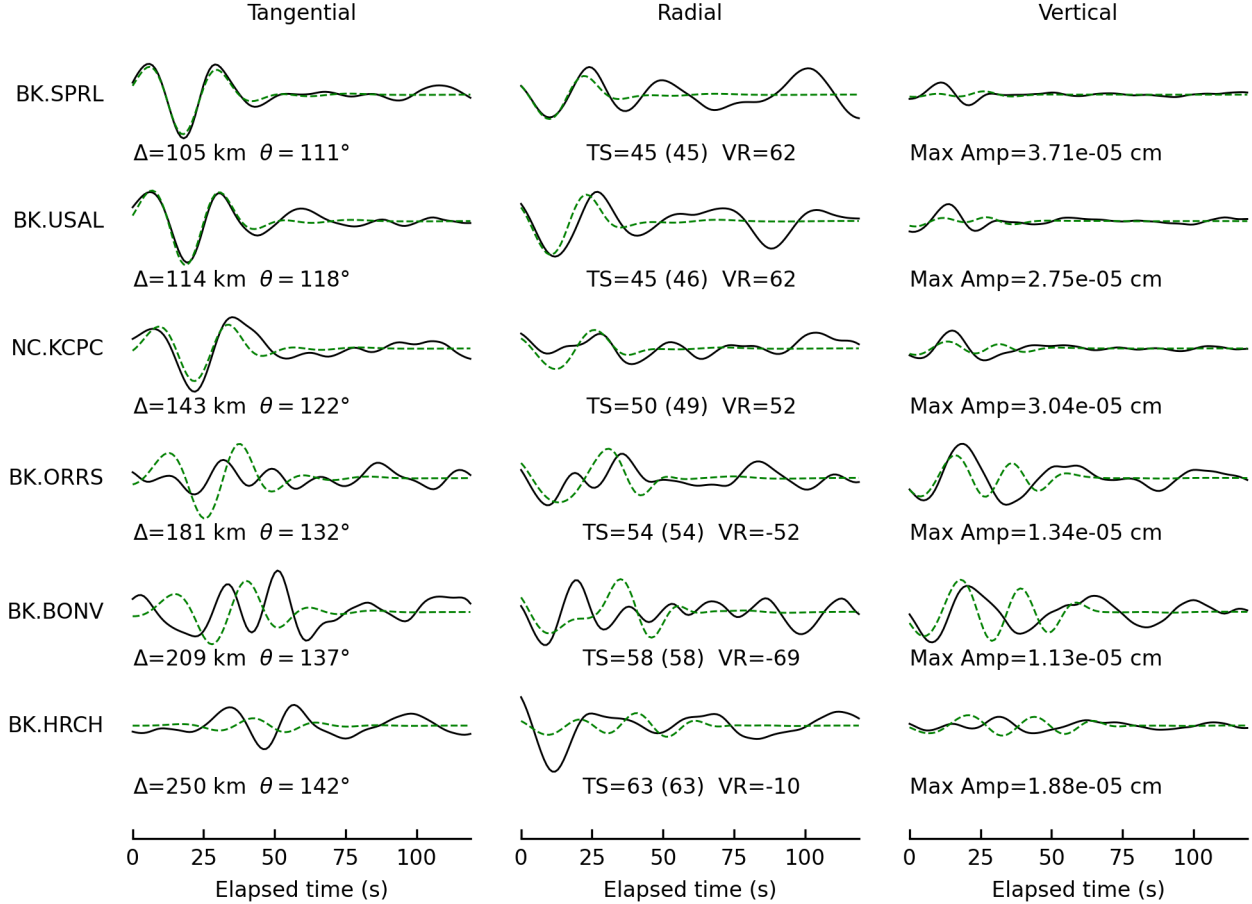

Tangential
Radial
Vertical
BK.SPRL
Δ=105 km θ = 111°
TS=45 (45) VR=62
Max Amp=3.82e-05 cm
BK.USAL
Δ=114 km θ = 118°
TS=45 (46) VR=66
Max Amp=3.25e-05 cm
NC.KCPC
Δ=143 km θ = 122°
TS=50 (49) VR=52
Max Amp=3.04e-05 cm
BK.ORRS
Δ=181 km θ = 132°
TS=54 (54) VR=7
Max Amp=1.47e-05 cm
BK.BONV
Δ=209 km θ = 137°
TS=58 (58) VR=-14
Max Amp=1.13e-05 cm
BK.HRCH
Δ=250 km θ = 142°
TS=63 (63) VR=-1
Max Amp=1.88e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097086
Depth = 37.0 km
Mw = 3.98
M0 = 1.16e+22 dyne-cm
Percent DC/CLVD/ISO = 97/3/0
sdr = (95,74,161) (190,72,17)
npts = 120 vred = 7.692 km/s
VR = 19.87% lune:-1,0

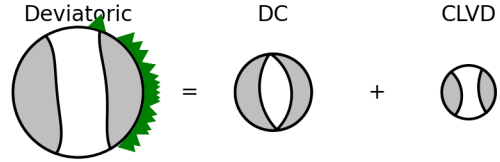


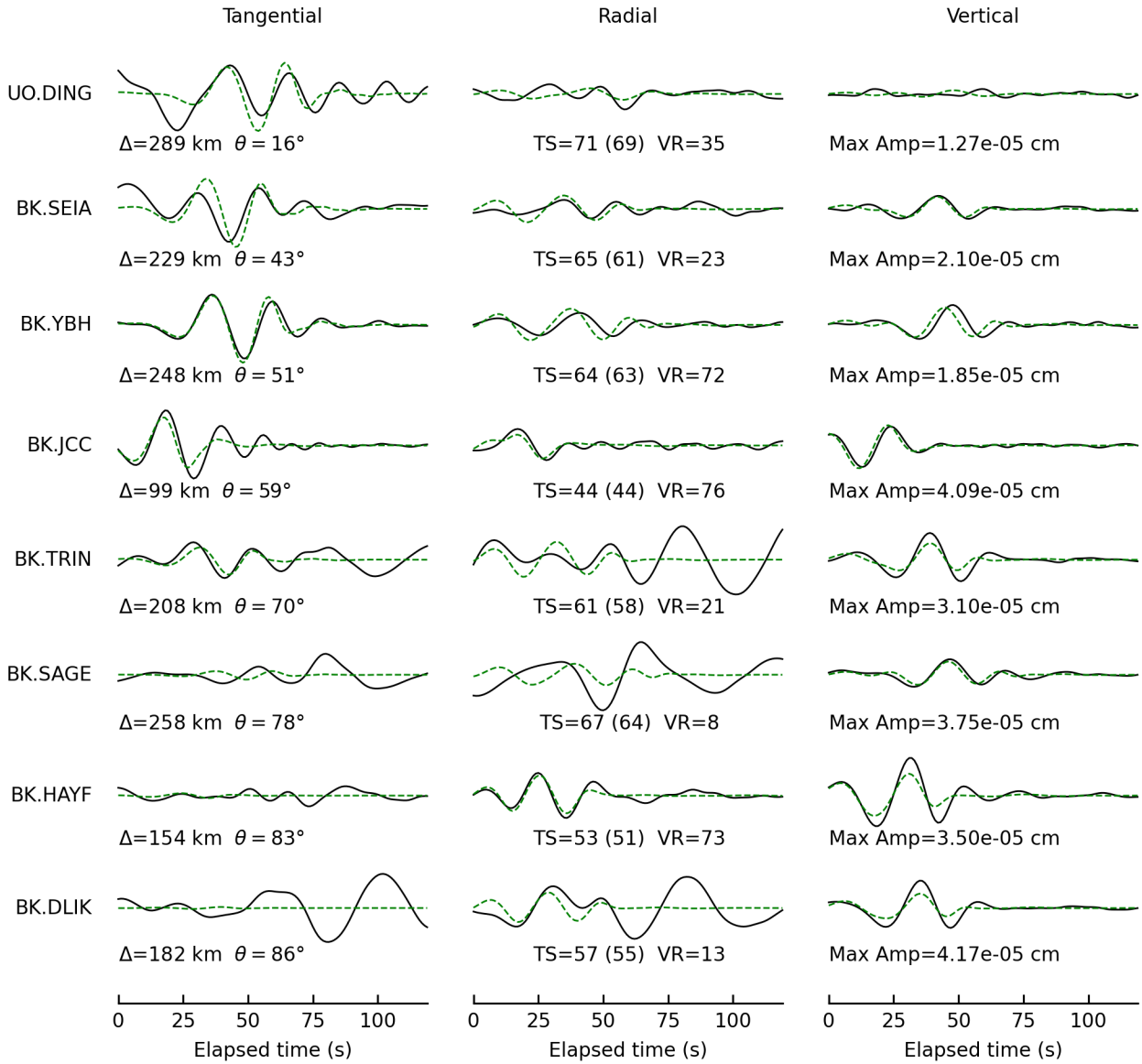


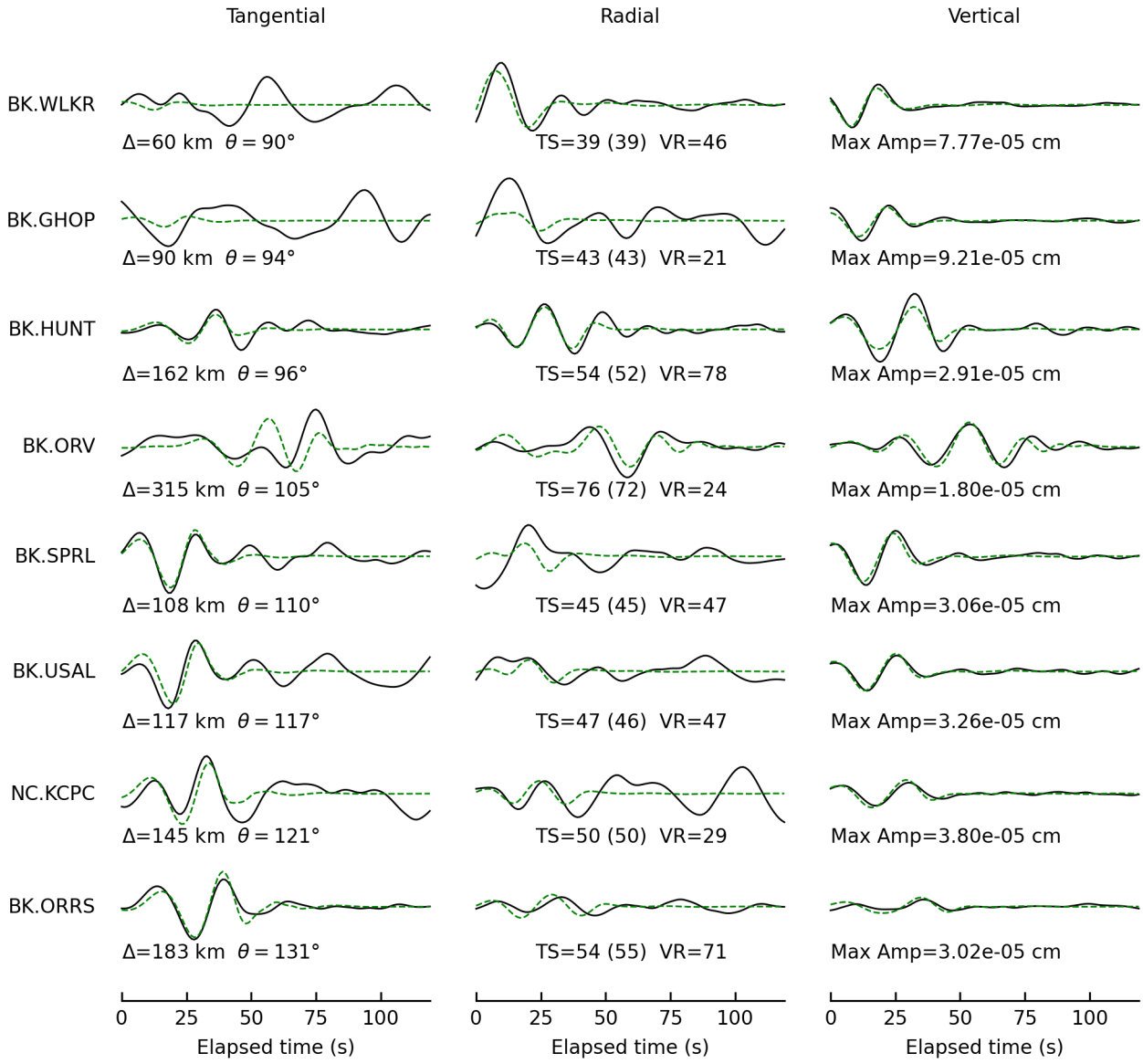

Tangential
Radial
Vertical
BK.TRIN
Δ=205 km θ = 70°
TS=58 (58) VR=42
Max Amp=3.39e-05 cm
BK.SAGE
Δ=255 km θ = 78°
TS=64 (64) VR=1
Max Amp=1.09e-04 cm
BK.HAYF
Δ=151 km θ = 83°
TS=52 (51) VR=66
Max Amp=4.01e-05 cm
BK.DLIK
Δ=179 km θ = 86°
TS=56 (54) VR=68
Max Amp=4.72e-05 cm
BK.WLKR
Δ=57 km θ = 90°
TS=37 (38) VR=69
Max Amp=7.72e-05 cm
BK.GHOP
Δ=87 km θ = 94°
TS=43 (42) VR=18
Max Amp=7.26e-05 cm
BK.HUNT
Δ=159 km θ = 97°
TS=54 (52) VR=82
Max Amp=4.68e-05 cm
BK.ORV
Δ=312 km θ = 106°
TS=74 (71) VR=13
Max Amp=2.60e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

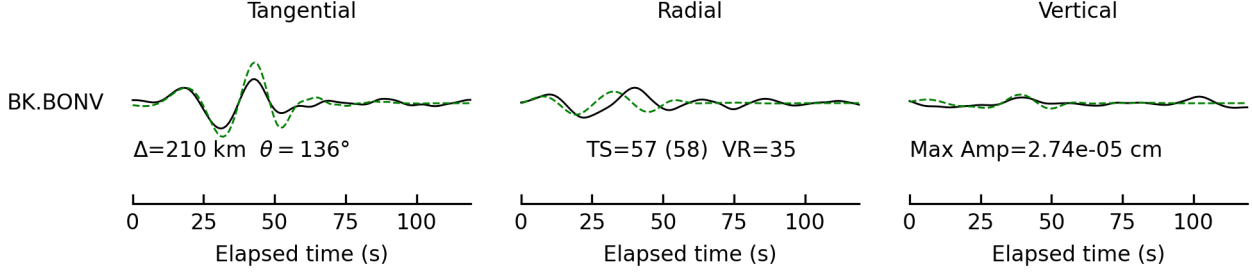

Tangential
Radial
Vertical
BK.SPRL
Δ=105 km θ = 111°
TS=45 (45) VR=62
Max Amp=3.71e-05 cm
BK.USAL
Δ=114 km θ = 118°
TS=45 (46) VR=62
Max Amp=2.75e-05 cm
NC.KCPC
Δ=143 km θ = 122°
TS=50 (49) VR=52
Max Amp=3.04e-05 cm
BK.ORRS
Δ=181 km θ = 132°
TS=54 (54) VR=-52
Max Amp=1.34e-05 cm
BK.BONV
Δ=209 km θ = 137°
TS=58 (58) VR=-69
Max Amp=1.13e-05 cm
BK.HRCH
Δ=250 km θ = 142°
TS=63 (63) VR=-10
Max Amp=1.88e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097131
Depth = 3.0 km
Mw = 3.69
M0 = 4.27e+21 dyne-cm
Percent DC/CLVD/ISO = 59/41/0
sdr = (174,51,-92) (356,39,-88)
npts = 120 vred = 7.692 km/s
VR = 30.36% lune:-11,0

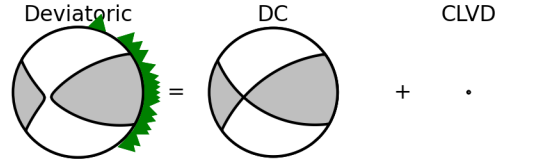


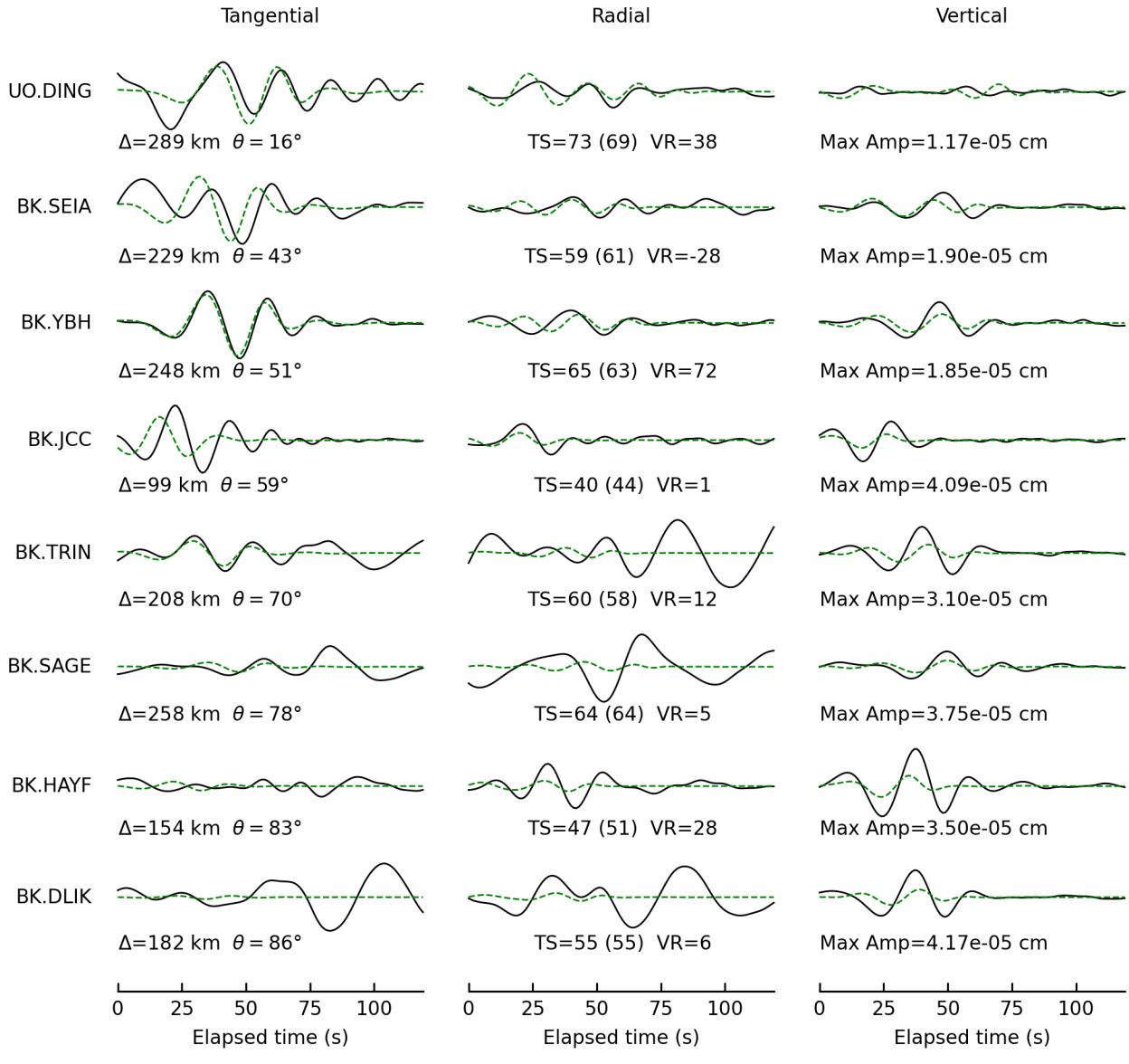


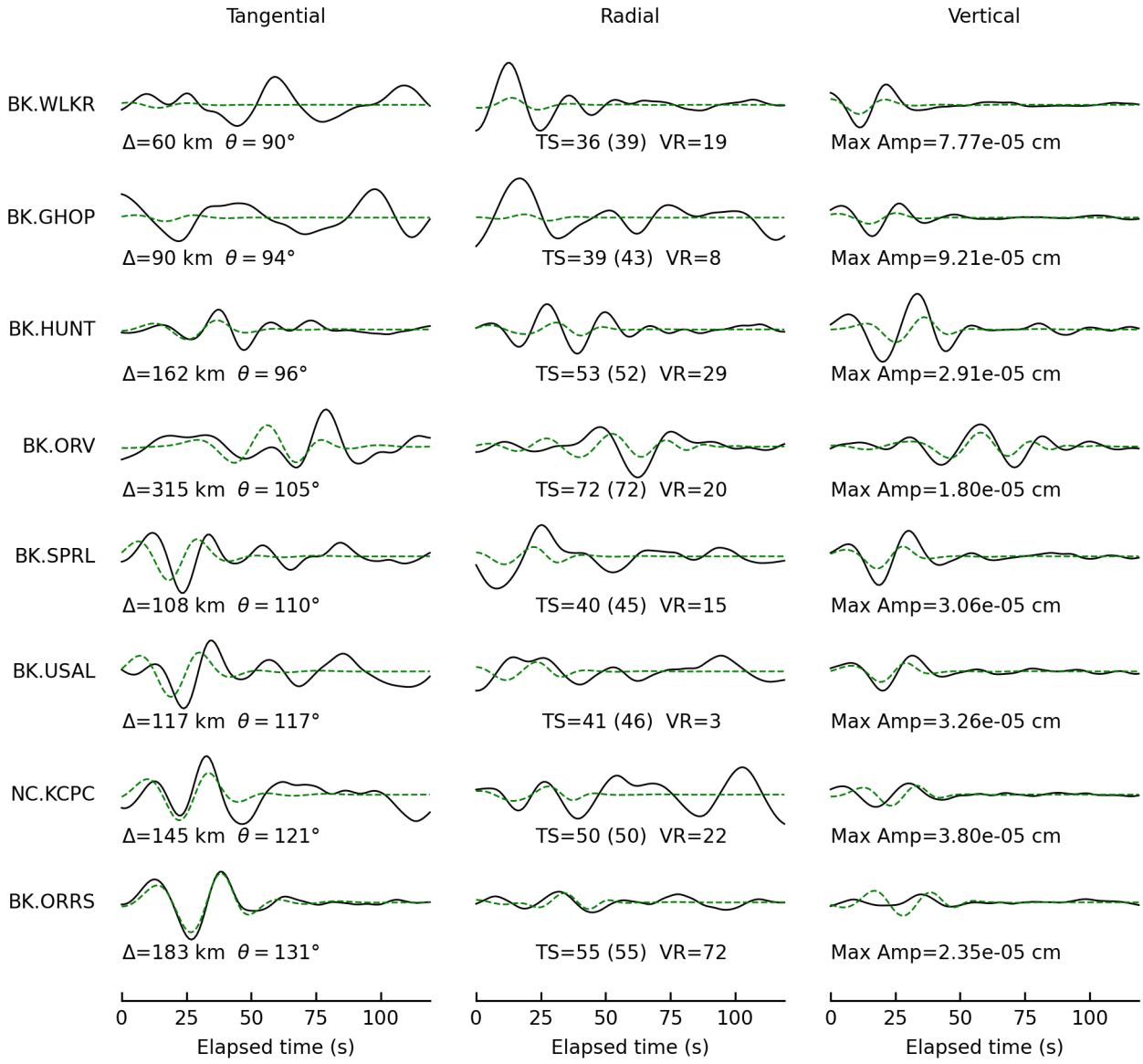

Tangential
Radial
Vertical
BK.WLKR
Δ=60 km θ = 90°
TS=39 (39) VR=46
Max Amp=7.77e-05 cm
BK.GHOP
Δ=90 km θ = 94°
TS=43 (43) VR=21
Max Amp=9.21e-05 cm
BK.HUNT
Δ=162 km θ = 96°
TS=54 (52) VR=78
Max Amp=2.91e-05 cm
BK.ORV
Δ=315 km θ = 105°
TS=76 (72) VR=24
Max Amp=1.80e-05 cm
BK.SPRL
Δ=108 km θ = 110°
TS=45 (45) VR=47
Max Amp=3.06e-05 cm
BK.USAL
Δ=117 km θ = 117°
TS=47 (46) VR=47
Max Amp=3.26e-05 cm
NC.KCPC
Δ=145 km θ = 121°
TS=50 (50) VR=29
Max Amp=3.80e-05 cm
BK.ORRS
Δ=183 km θ = 131°
TS=54 (55) VR=71
Max Amp=3.02e-05 cm
0 25 50 75 100
Elapsed time (s)

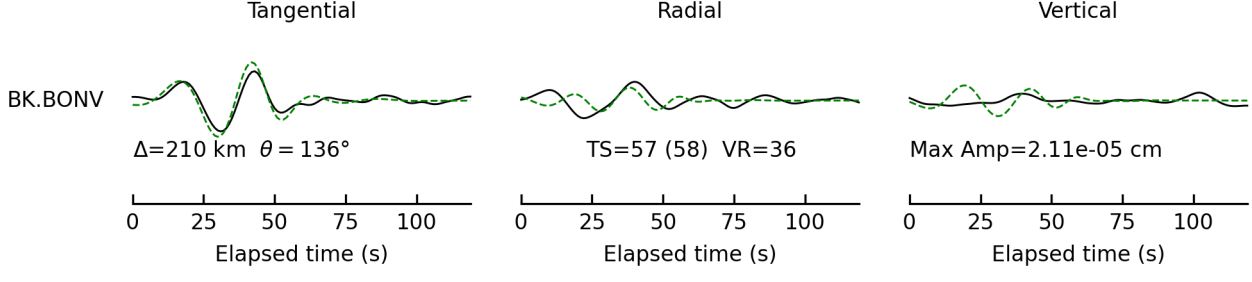

Tangential
Radial
Vertical
BK.BONV
Δ=210 km θ = 136°
TS=57 (58) VR=35
Max Amp=2.74e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097131
Depth = 22.0 km
Mw = 3.79
M0 = 6.04e+21 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (234,62,43) (120,53,143)
npts = 120 vred = 7.692 km/s
VR = 13.41% lune:0,0

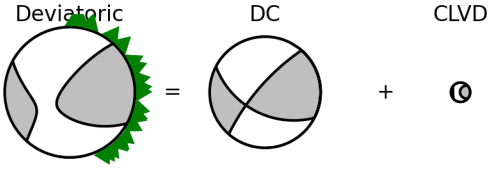


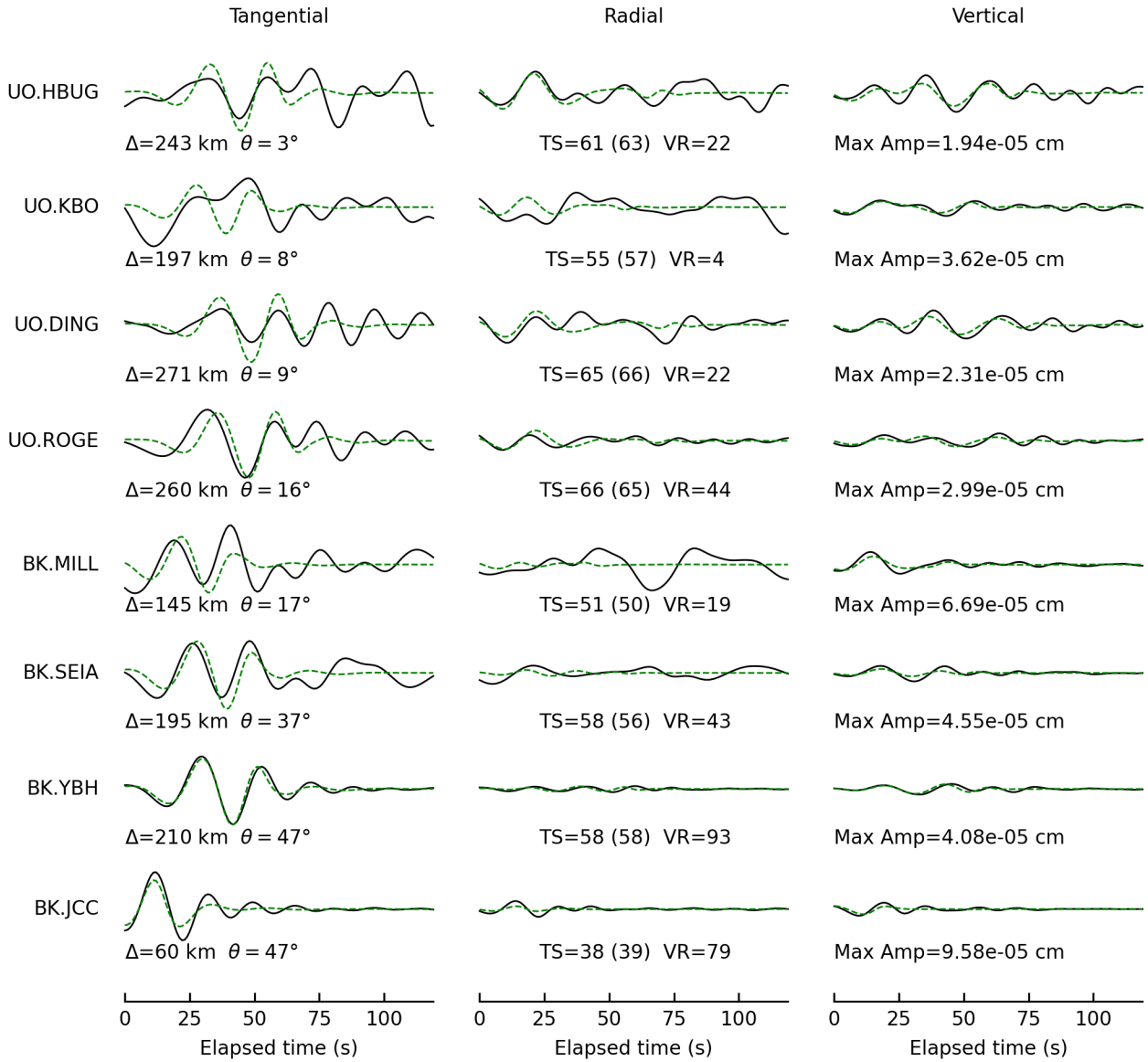


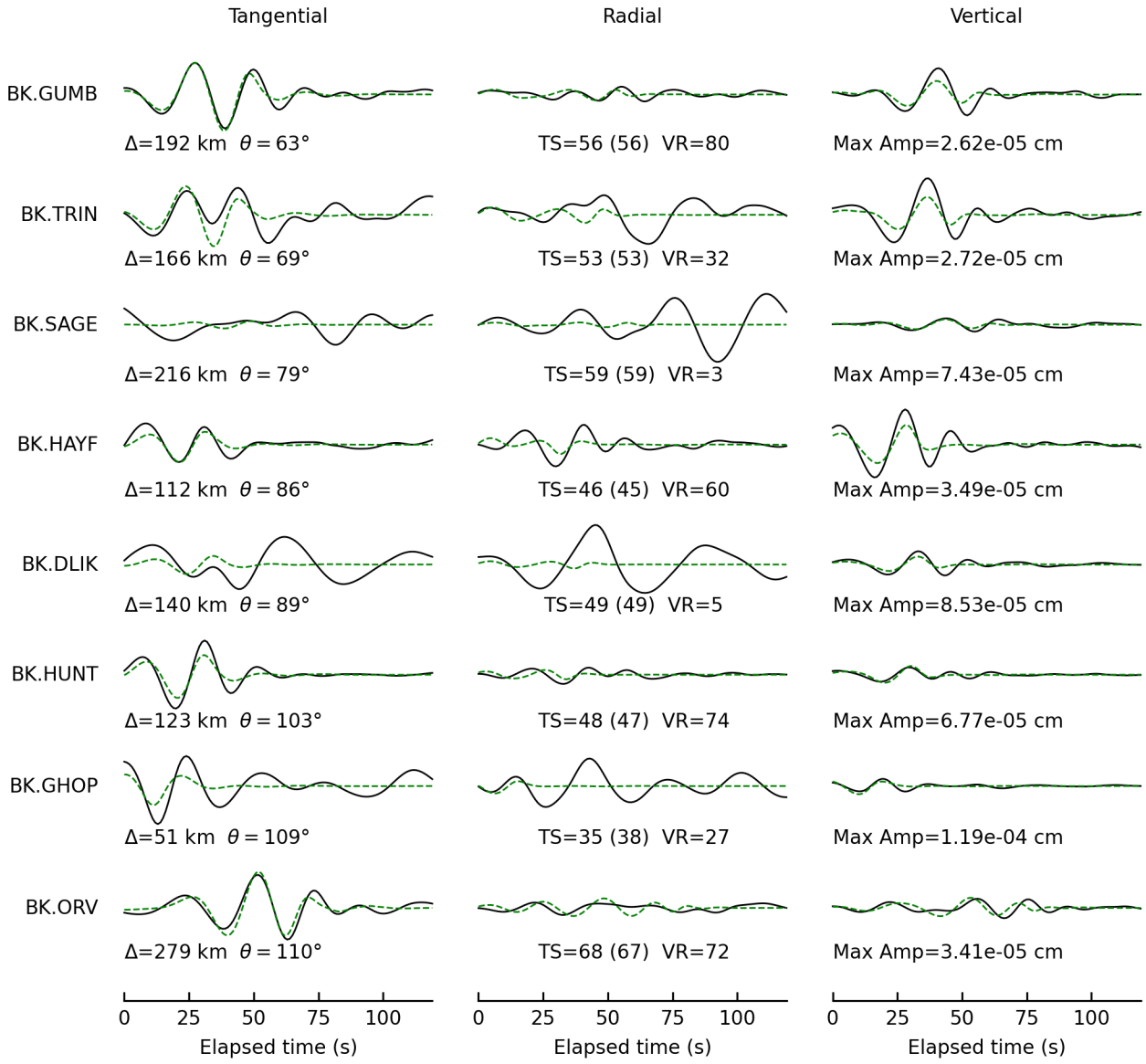

Tangential
Radial
Vertical
BK.WLKR
Δ=60 km θ = 90°
TS=36 (39) VR=19
Max Amp=7.77e-05 cm
BK.GHOP
Δ=90 km θ = 94°
TS=39 (43) VR=8
Max Amp=9.21e-05 cm
BK.HUNT
Δ=162 km θ = 96°
TS=53 (52) VR=29
Max Amp=2.91e-05 cm
BK.ORV
Δ=315 km θ = 105°
TS=72 (72) VR=20
Max Amp=1.80e-05 cm
BK.SPRL
Δ=108 km θ = 110°
TS=40 (45) VR=15
Max Amp=3.06e-05 cm
BK.USAL
Δ=117 km θ = 117°
TS=41 (46) VR=3
Max Amp=3.26e-05 cm
NC.KCPC
Δ=145 km θ = 121°
TS=50 (50) VR=22
Max Amp=3.80e-05 cm
BK.ORRS
Δ=183 km θ = 131°
TS=55 (55) VR=72
Max Amp=2.35e-05 cm
0 25 50 75 100
Elapsed time (s)

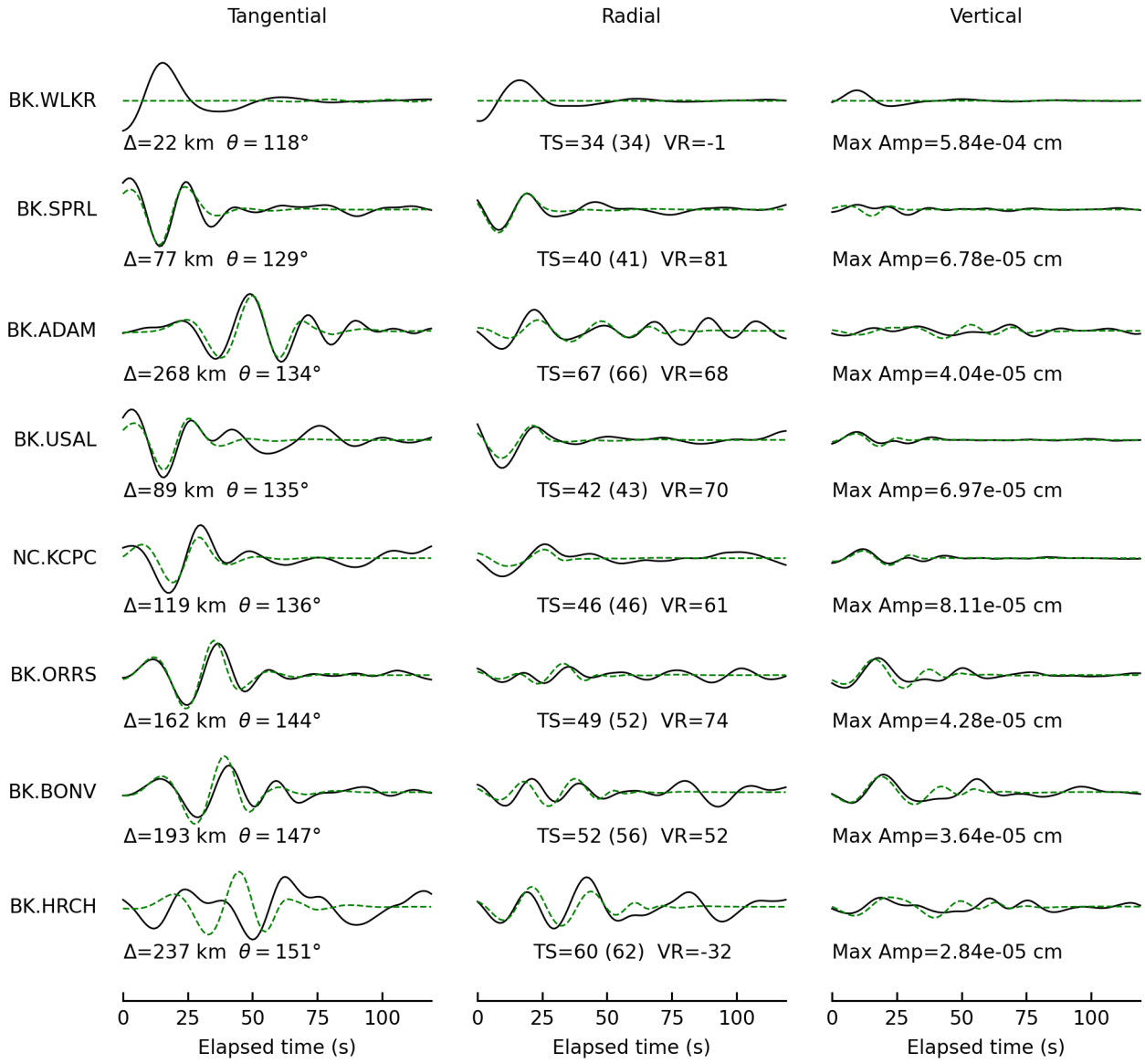

Tangential
Radial
Vertical
BK.BONV
Δ=210 km θ = 136°
TS=57 (58) VR=36
Max Amp=2.11e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097181
Depth = 11.0 km
Mw = 3.89
M0 = 8.46e+21 dyne-cm
Percent DC/CLVD/ISO = 85/15/0
sdr = (221,75,43) (118,48,160)
npts = 120 vred = 7.692 km/s
VR = 22.10% lune:-4,0

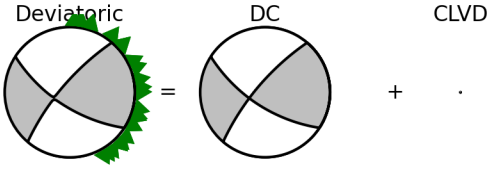


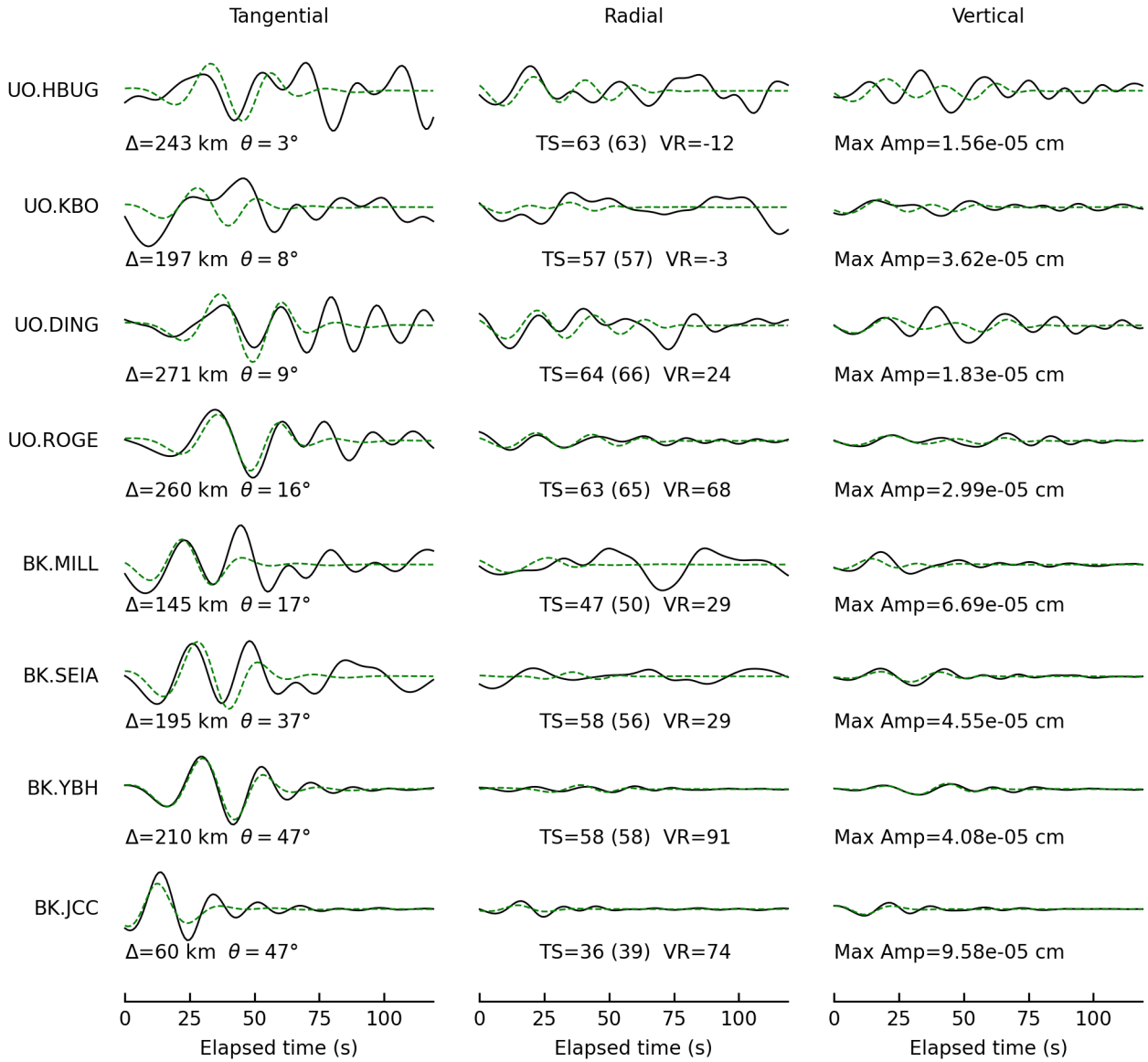


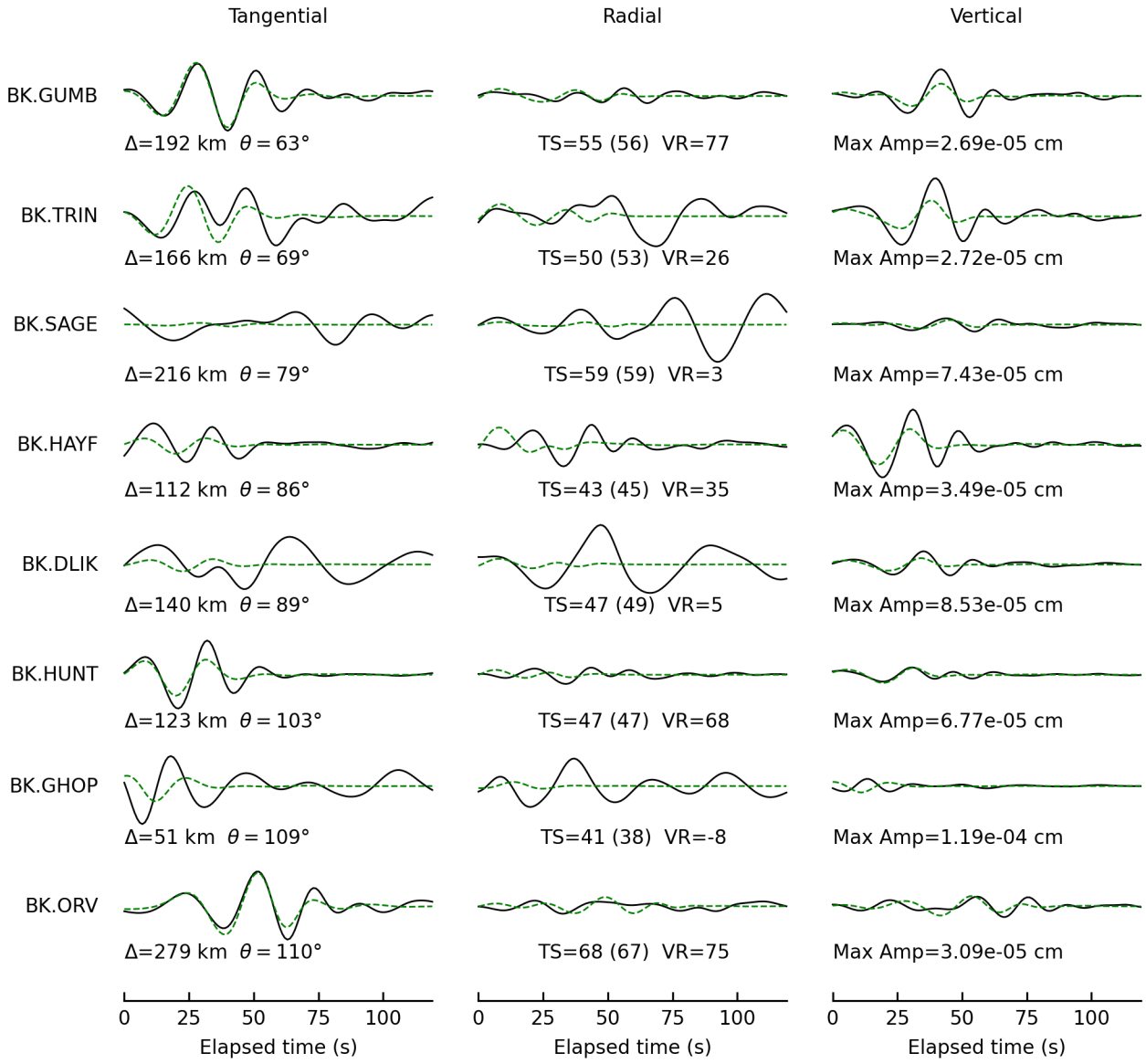

Tangential
Radial
Vertical
BK.GUMB
Δ=192 km θ = 63°
TS=56 (56) VR=80
Max Amp=2.62e-05 cm
BK.TRIN
Δ=166 km θ = 69°
TS=53 (53) VR=32
Max Amp=2.72e-05 cm
BK.SAGE
Δ=216 km θ = 79°
TS=59 (59) VR=3
Max Amp=7.43e-05 cm
BK.HAYF
Δ=112 km θ = 86°
TS=46 (45) VR=60
Max Amp=3.49e-05 cm
BK.DLIK
Δ=140 km θ = 89°
TS=49 (49) VR=5
Max Amp=8.53e-05 cm
BK.HUNT
Δ=123 km θ = 103°
TS=48 (47) VR=74
Max Amp=6.77e-05 cm
BK.GHOP
Δ=51 km θ = 109°
TS=35 (38) VR=27
Max Amp=1.19e-04 cm
BK.ORV
Δ=279 km θ = 110°
TS=68 (67) VR=72
Max Amp=3.41e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

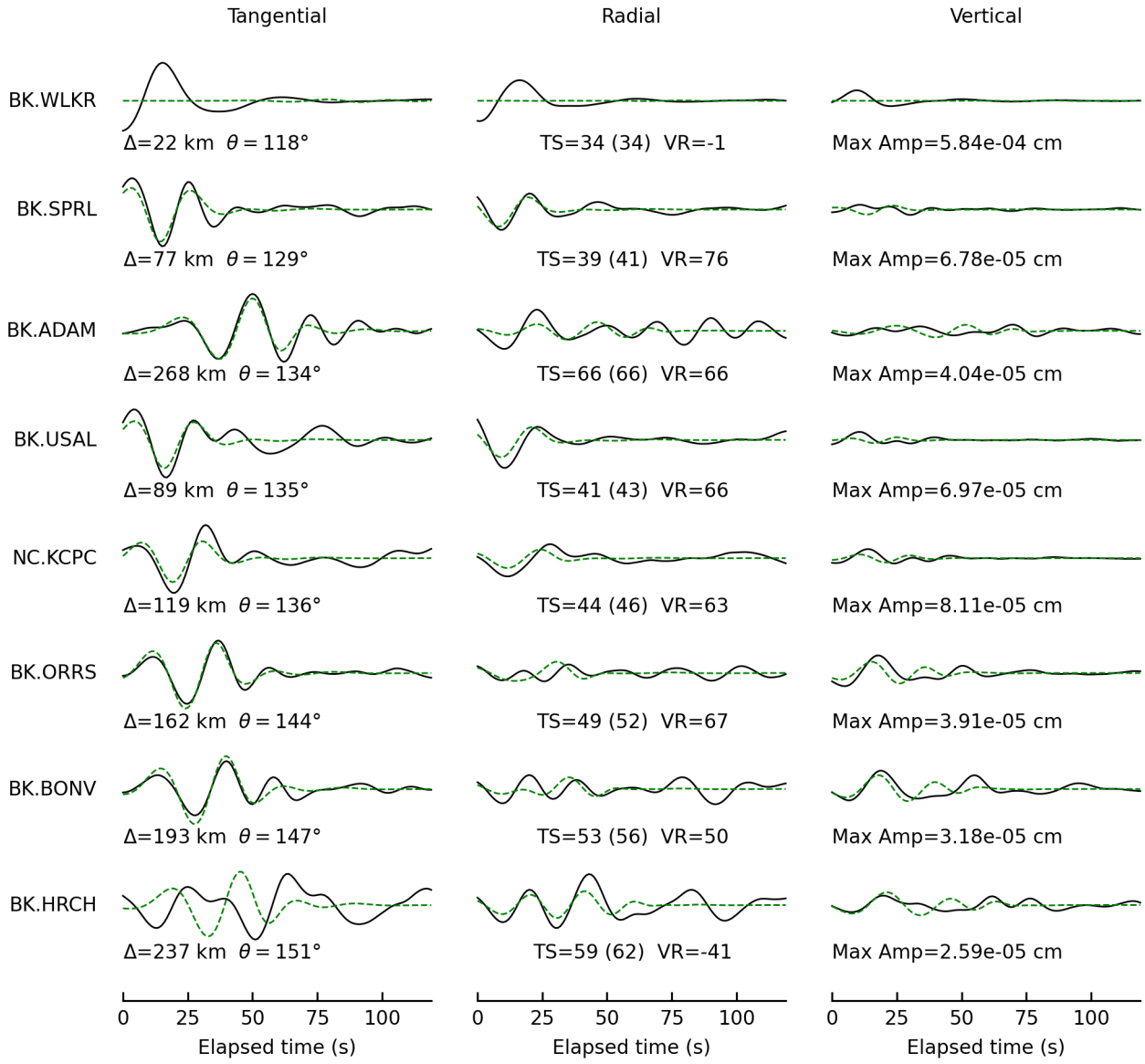

Tangential
Radial
Vertical
BK.WLKR
Δ=22 km θ = 118°
TS=34 (34) VR=-1
Max Amp=5.84e-04 cm
BK.SPRL
Δ=77 km θ = 129°
TS=40 (41) VR=81
Max Amp=6.78e-05 cm
BK.ADAM
Δ=268 km θ = 134°
TS=67 (66) VR=68
Max Amp=4.04e-05 cm
BK.USAL
Δ=89 km θ = 135°
TS=42 (43) VR=70
Max Amp=6.97e-05 cm
NC.KCPC
Δ=119 km θ = 136°
TS=46 (46) VR=61
Max Amp=8.11e-05 cm
BK.ORRS
Δ=162 km θ = 144°
TS=49 (52) VR=74
Max Amp=4.28e-05 cm
BK.BONV
Δ=193 km θ = 147°
TS=52 (56) VR=52
Max Amp=3.64e-05 cm
BK.HRCH
Δ=237 km θ = 151°
TS=60 (62) VR=-32
Max Amp=2.84e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097181
Depth = 28.0 km
Mw = 3.98
M0 = 1.16e+22 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (220,75,25) (123,66,163)
npts = 120 vred = 7.692 km/s
VR = 18.66% lune:0,0

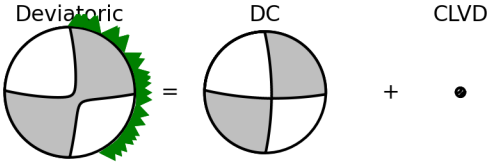


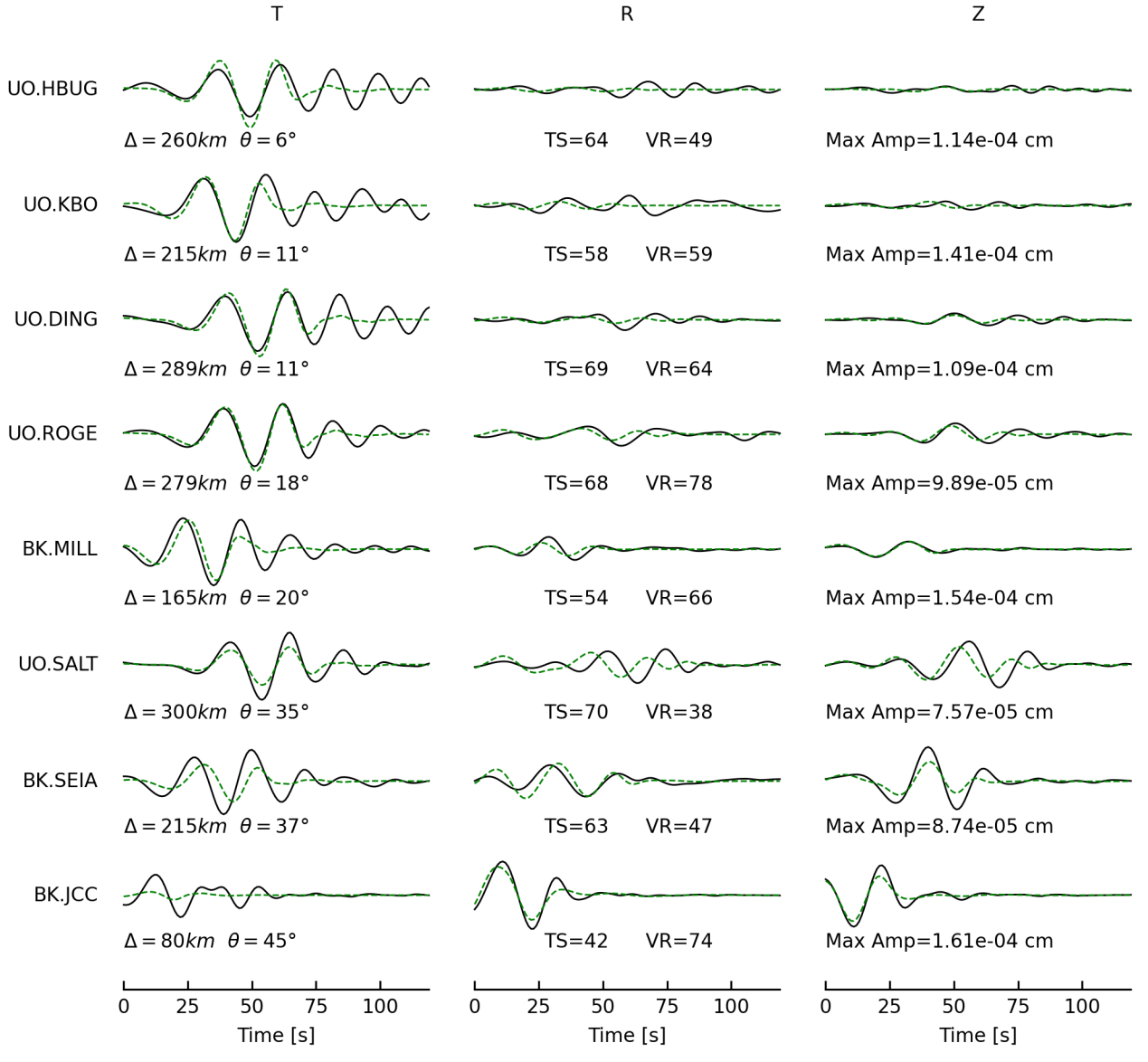


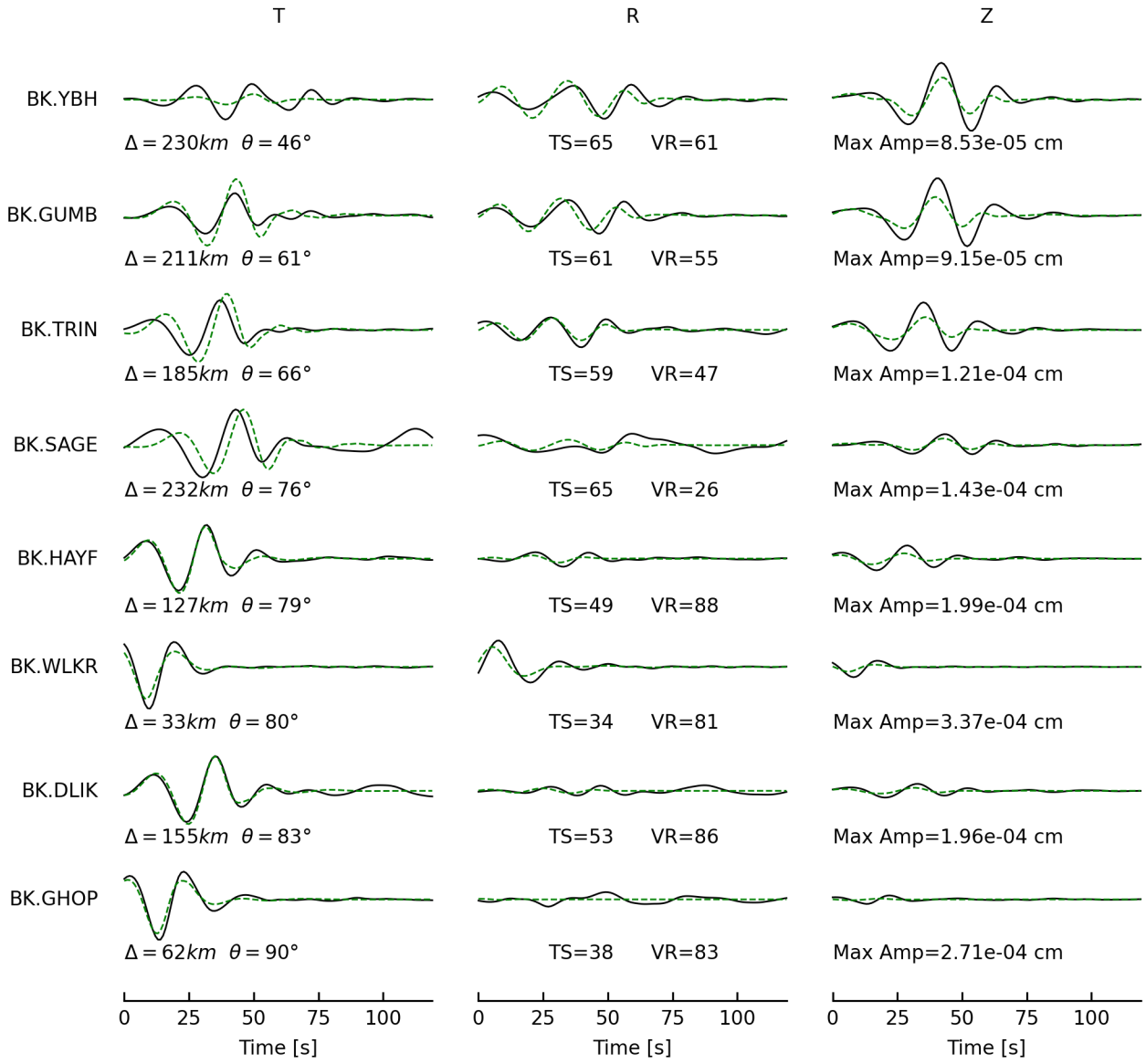

Tangential
Radial
Vertical
BK.GUMB
Δ=192 km θ = 63°
TS=55 (56) VR=77
Max Amp=2.69e-05 cm
BK.TRIN
Δ=166 km θ = 69°
TS=50 (53) VR=26
Max Amp=2.72e-05 cm
BK.SAGE
Δ=216 km θ = 79°
TS=59 (59) VR=3
Max Amp=7.43e-05 cm
BK.HAYF
Δ=112 km θ = 86°
TS=43 (45) VR=35
Max Amp=3.49e-05 cm
BK.DLIK
Δ=140 km θ = 89°
TS=47 (49) VR=5
Max Amp=8.53e-05 cm
BK.HUNT
Δ=123 km θ = 103°
TS=47 (47) VR=68
Max Amp=6.77e-05 cm
BK.GHOP
Δ=51 km θ = 109°
TS=41 (38) VR=-8
Max Amp=1.19e-04 cm
BK.ORV
Δ=279 km θ = 110°
TS=68 (67) VR=75
Max Amp=3.09e-05 cm
0 25 50 75 100
Elapsed time (s)

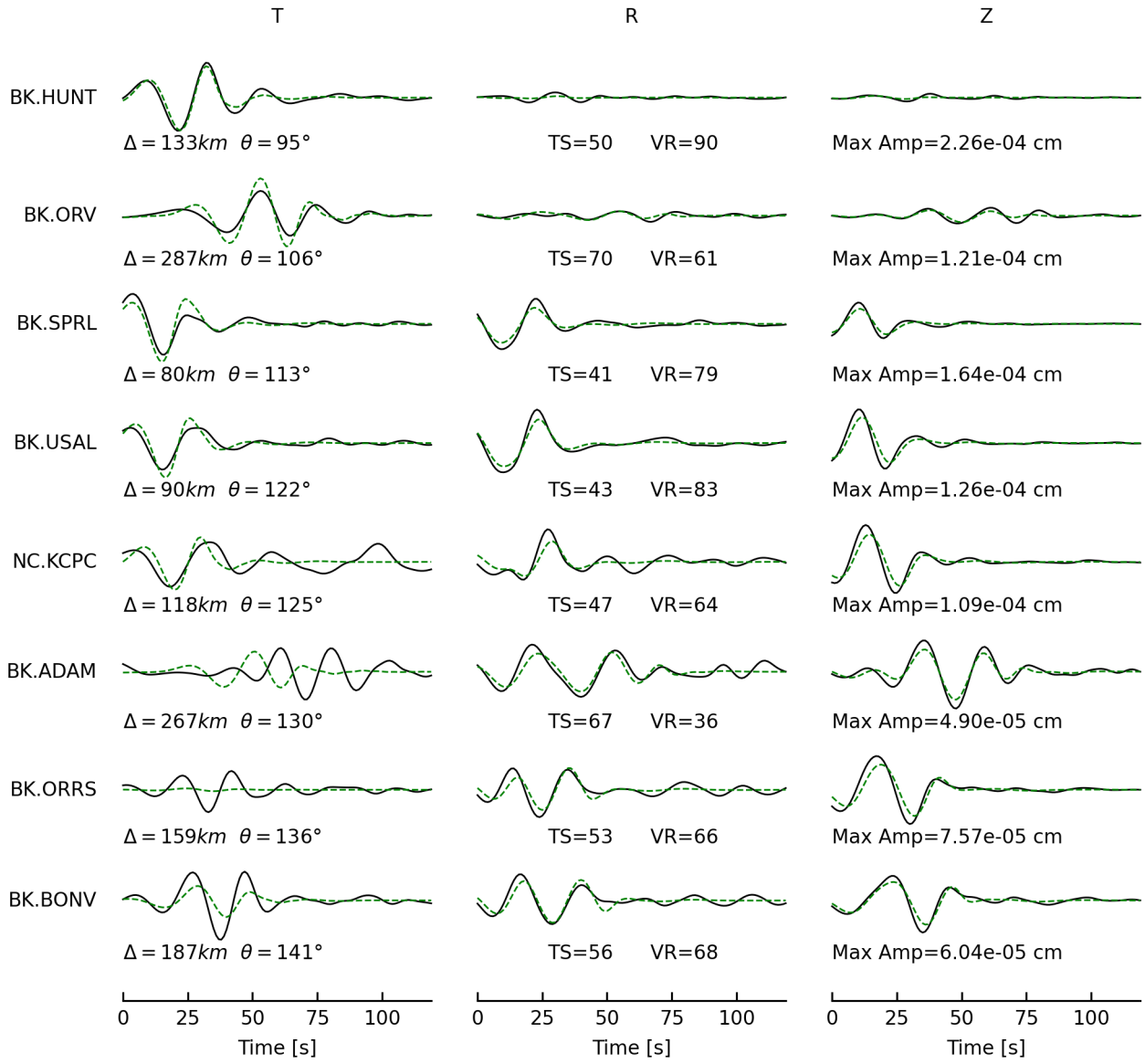

Tangential
Radial
Vertical
BK.WLKR
Δ=22 km θ = 118°
TS=34 (34) VR=-1
Max Amp=5.84e-04 cm
BK.SPRL
Δ=77 km θ = 129°
TS=39 (41) VR=76
Max Amp=6.78e-05 cm
BK.ADAM
Δ=268 km θ = 134°
TS=66 (66) VR=66
Max Amp=4.04e-05 cm
BK.USAL
Δ=89 km θ = 135°
TS=41 (43) VR=66
Max Amp=6.97e-05 cm
NC.KCPC
Δ=119 km θ = 136°
TS=44 (46) VR=63
Max Amp=8.11e-05 cm
BK.ORRS
Δ=162 km θ = 144°
TS=49 (52) VR=67
Max Amp=3.91e-05 cm
BK.BONV
Δ=193 km θ = 147°
TS=53 (56) VR=50
Max Amp=3.18e-05 cm
BK.HRCH
Δ=237 km θ = 151°
TS=59 (62) VR=-41
Max Amp=2.59e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

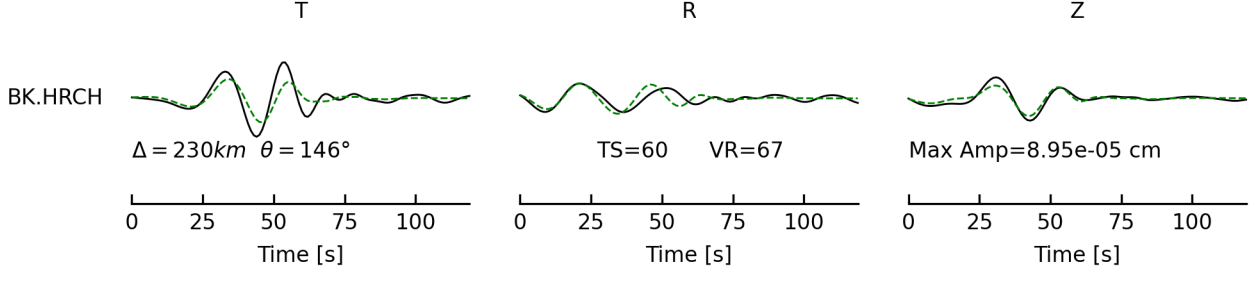
Deviatoric Moment Tensor Inversion
Evid = 75097271
Depth = 4.0 km
Mw = 4.12
M0 = 1.90e+22 dyne-cm
Percent DC/CLVD/ISO = 93/7/0
sdr = (360,78,-11) (92,79,-168)
npts = 120 vred = 7.692 km/s
VR = 66.14% lune:2,0



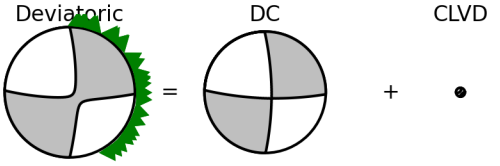


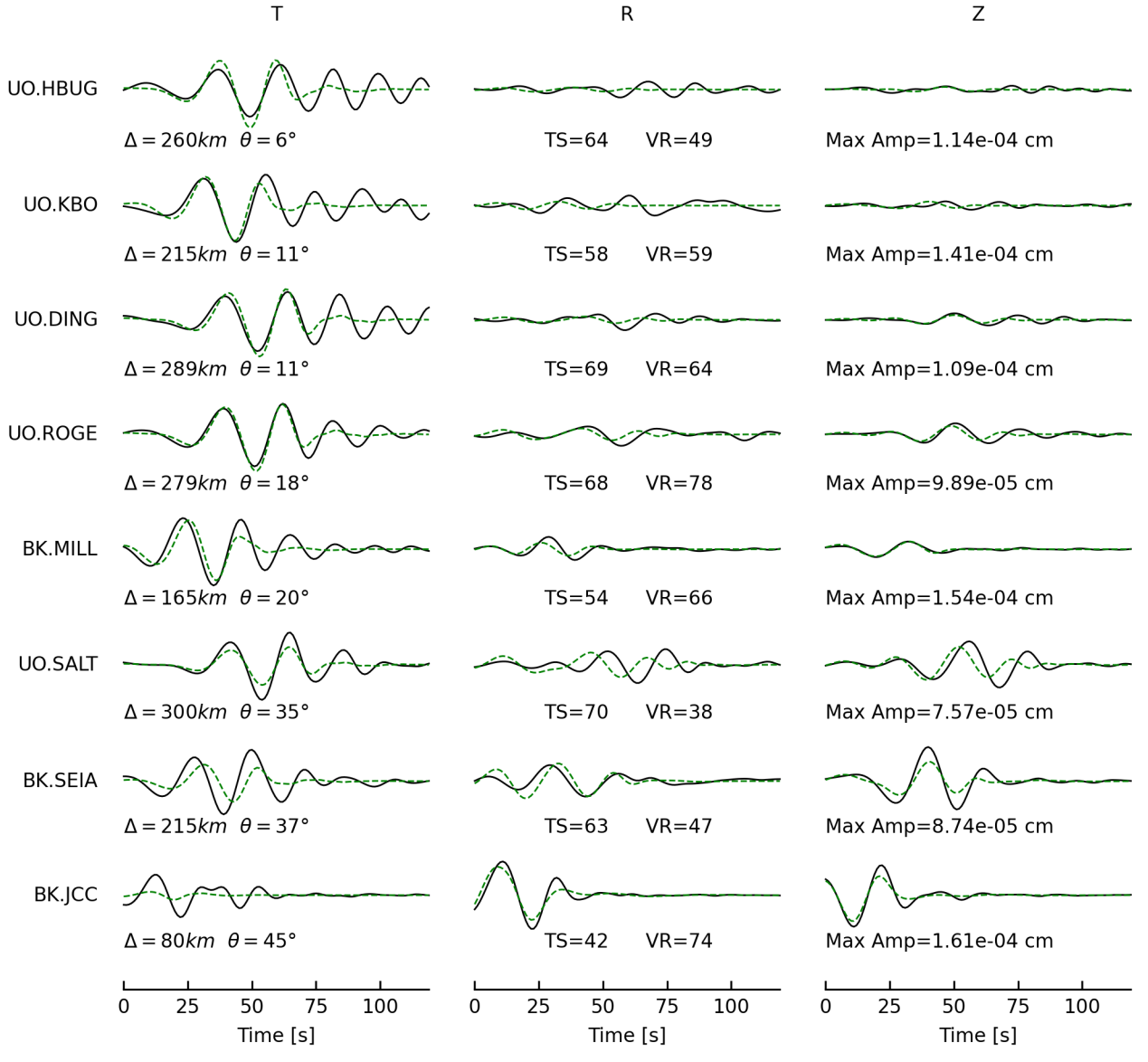

T
R
Z
BK.YBH
Δ = 230km θ = 46°
TS=65 VR=61
Max Amp=8.53e-05 cm
BK.GUMB
Δ = 211km θ = 61°
TS=61 VR=55
Max Amp=9.15e-05 cm
BK.TRIN
Δ = 185km θ = 66°
TS=59 VR=47
Max Amp=1.21e-04 cm
BK.SAGE
Δ = 232km θ = 76°
TS=65 VR=26
Max Amp=1.43e-04 cm
BK.HAYF
Δ = 127km θ = 79°
TS=49 VR=88
Max Amp=1.99e-04 cm
BK.WLKR
Δ = 33km θ = 80°
TS=34 VR=81
Max Amp=3.37e-04 cm
BK.DLIK
Δ = 155km θ = 83°
TS=53 VR=86
Max Amp=1.96e-04 cm
BK.GHOP
Δ = 62km θ = 90°
TS=38 VR=83
Max Amp=2.71e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

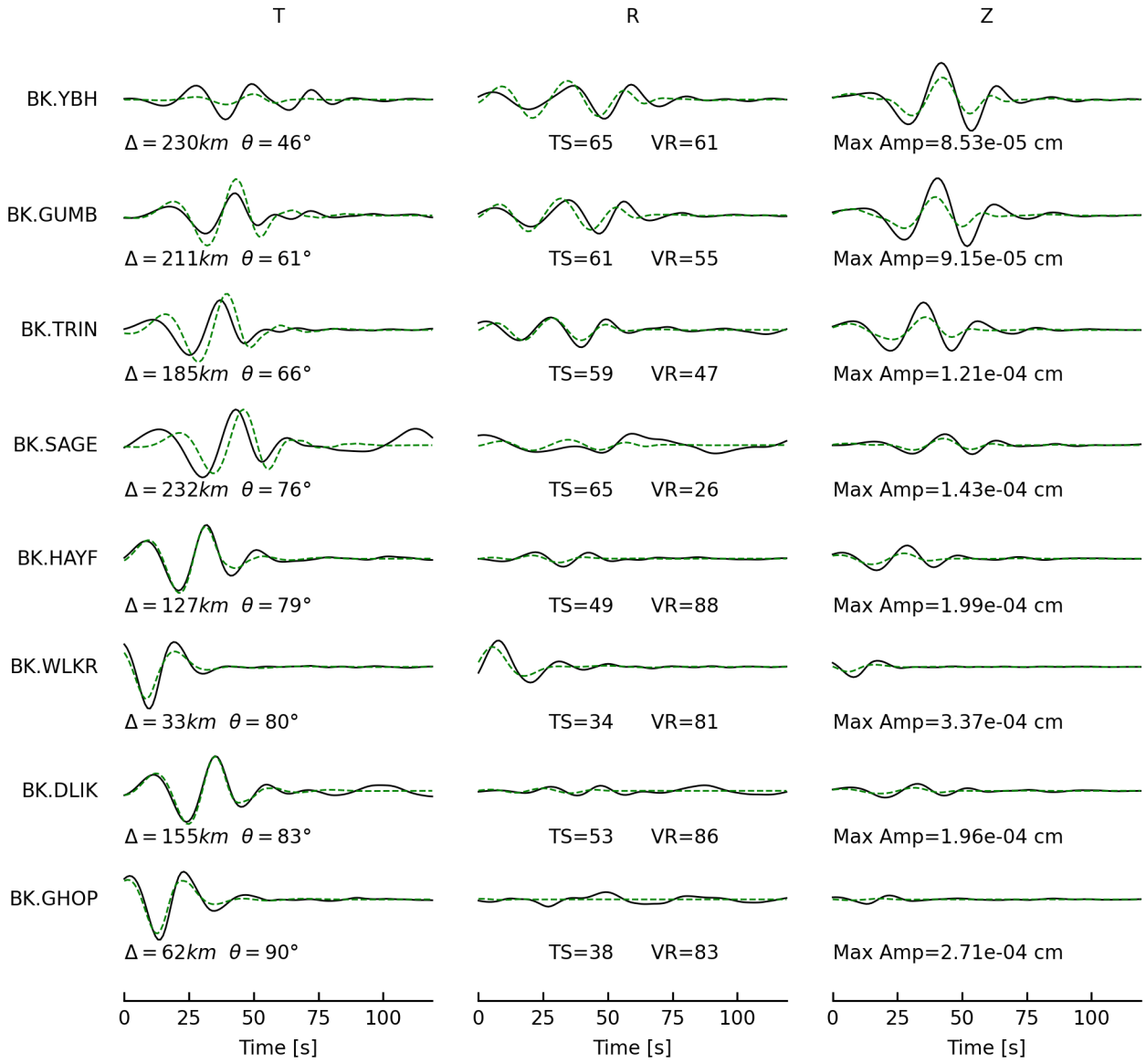

T
R
Z
BK.HUNT
Δ = 133km θ = 95°
TS=50 VR=90
Max Amp=2.26e-04 cm
BK.ORV
Δ = 287km θ = 106°
TS=70 VR=61
Max Amp=1.21e-04 cm
BK.SPRL
Δ = 80km θ = 113°
TS=41 VR=79
Max Amp=1.64e-04 cm
BK.USAL
Δ = 90km θ = 122°
TS=43 VR=83
Max Amp=1.26e-04 cm
NC.KCPC
Δ = 118km θ = 125°
TS=47 VR=64
Max Amp=1.09e-04 cm
BK.ADAM
Δ = 267km θ = 130°
TS=67 VR=36
Max Amp=4.90e-05 cm
BK.ORRS
Δ = 159km θ = 136°
TS=53 VR=66
Max Amp=7.57e-05 cm
BK.BONV
Δ = 187km θ = 141°
TS=56 VR=68
Max Amp=6.04e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

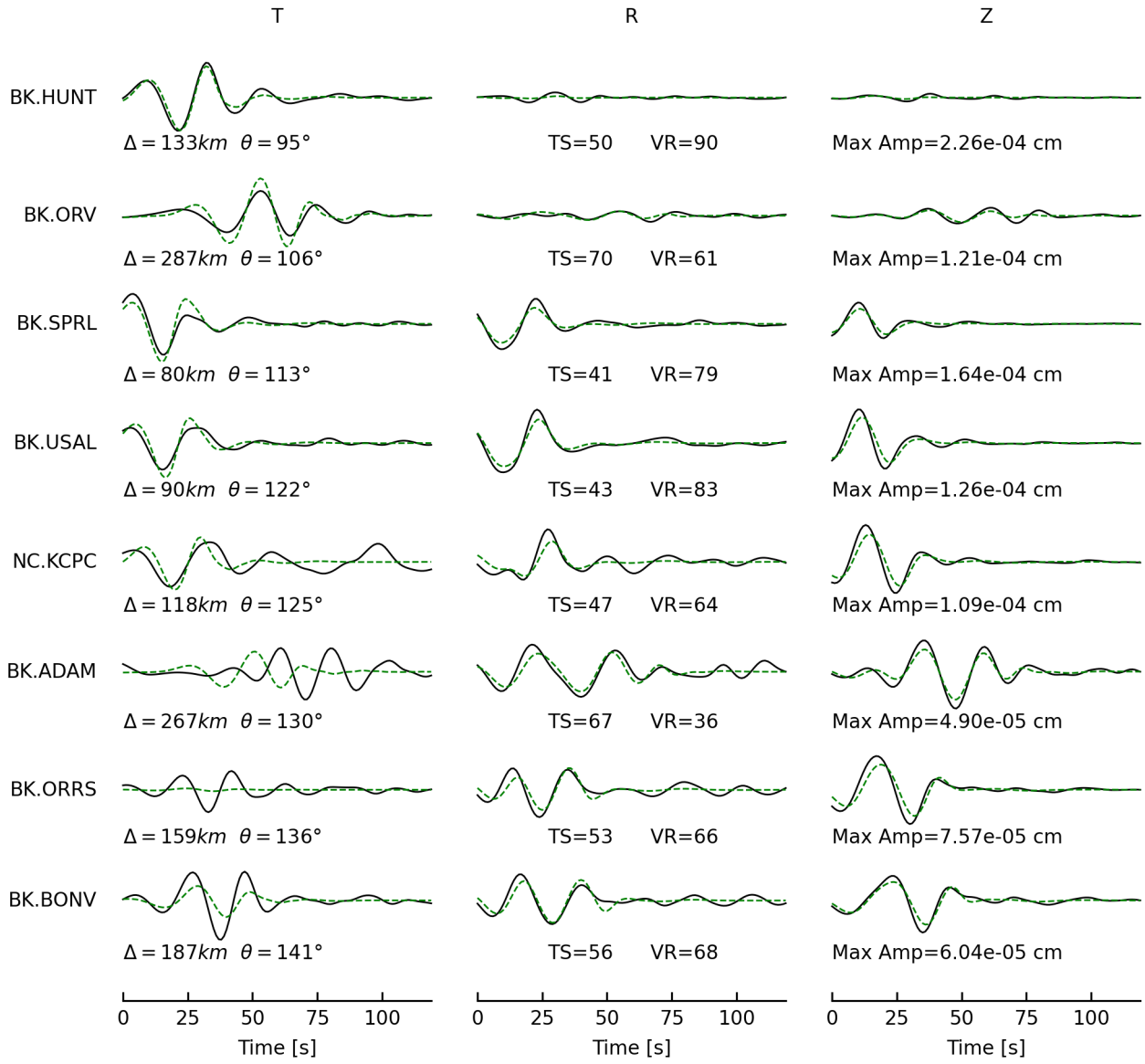

T
R
Z
BK.HRCH
Δ = 230km θ = 146°
TS=60 VR=67
Max Amp=8.95e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

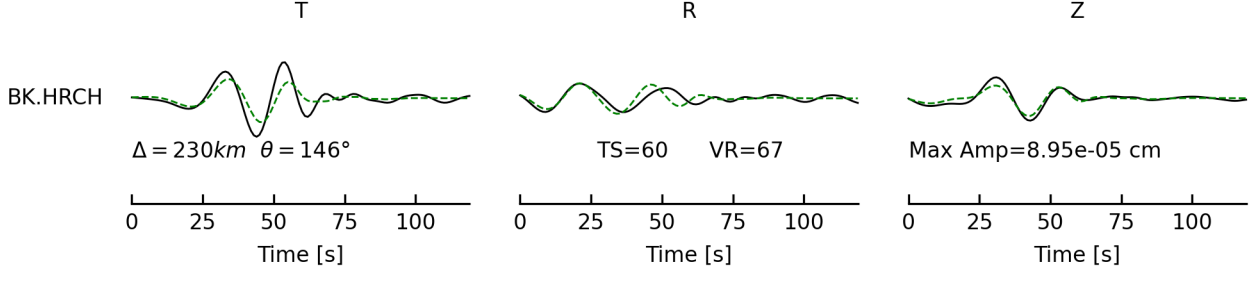
Deviatoric Moment Tensor Inversion
Evid = 75097271
Depth = 4.0 km
Mw = 4.12
M0 = 1.90e+22 dyne-cm
Percent DC/CLVD/ISO = 93/7/0
sdr = (360,78,-11) (92,79,-168)
npts = 120 vred = 7.692 km/s
VR = 66.14% lune:2,0



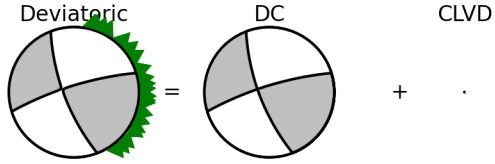


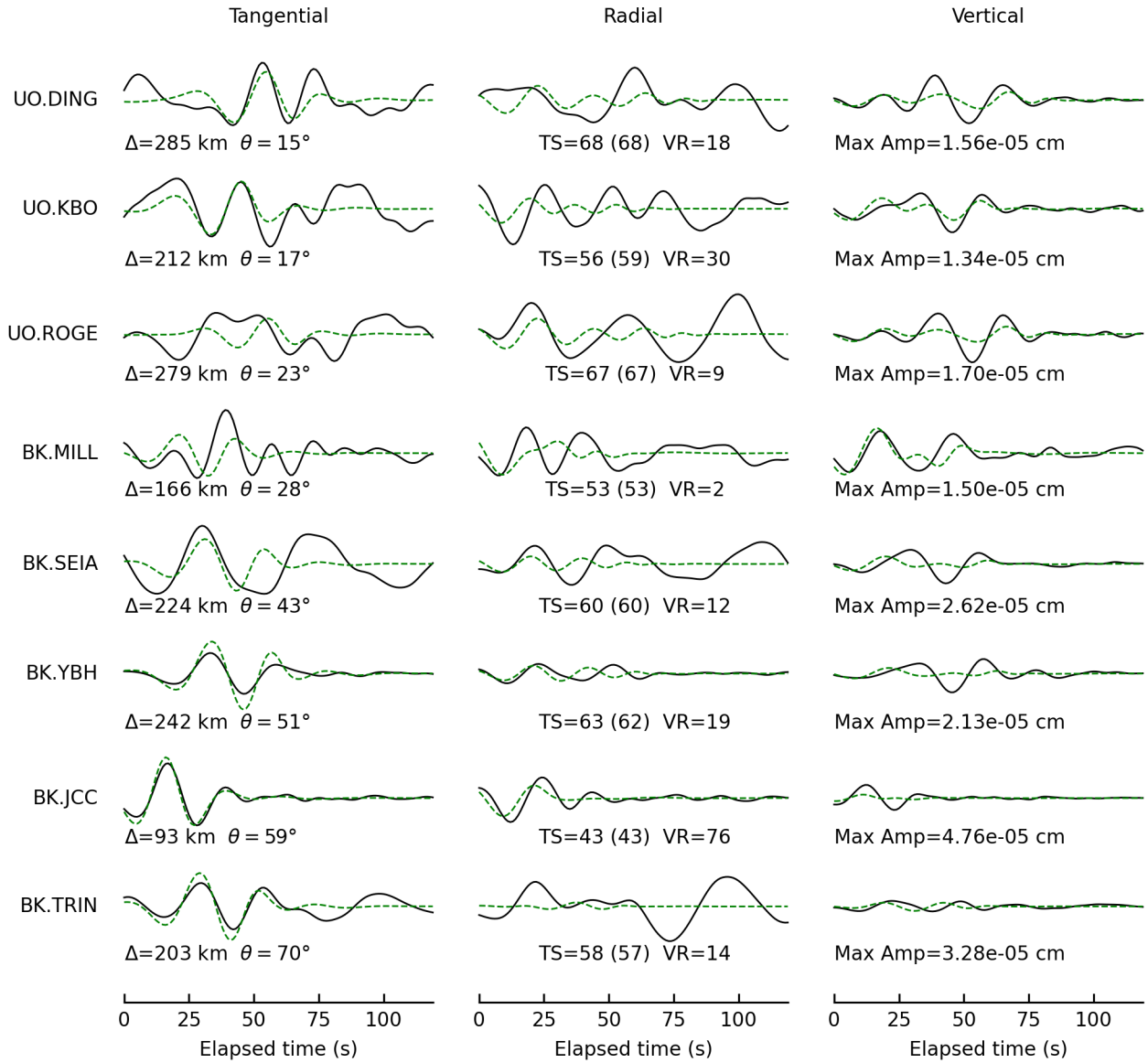

T
R
Z
BK.YBH
Δ = 230km θ = 46°
TS=65 VR=61
Max Amp=8.53e-05 cm
BK.GUMB
Δ = 211km θ = 61°
TS=61 VR=55
Max Amp=9.15e-05 cm
BK.TRIN
Δ = 185km θ = 66°
TS=59 VR=47
Max Amp=1.21e-04 cm
BK.SAGE
Δ = 232km θ = 76°
TS=65 VR=26
Max Amp=1.43e-04 cm
BK.HAYF
Δ = 127km θ = 79°
TS=49 VR=88
Max Amp=1.99e-04 cm
BK.WLKR
Δ = 33km θ = 80°
TS=34 VR=81
Max Amp=3.37e-04 cm
BK.DLIK
Δ = 155km θ = 83°
TS=53 VR=86
Max Amp=1.96e-04 cm
BK.GHOP
Δ = 62km θ = 90°
TS=38 VR=83
Max Amp=2.71e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

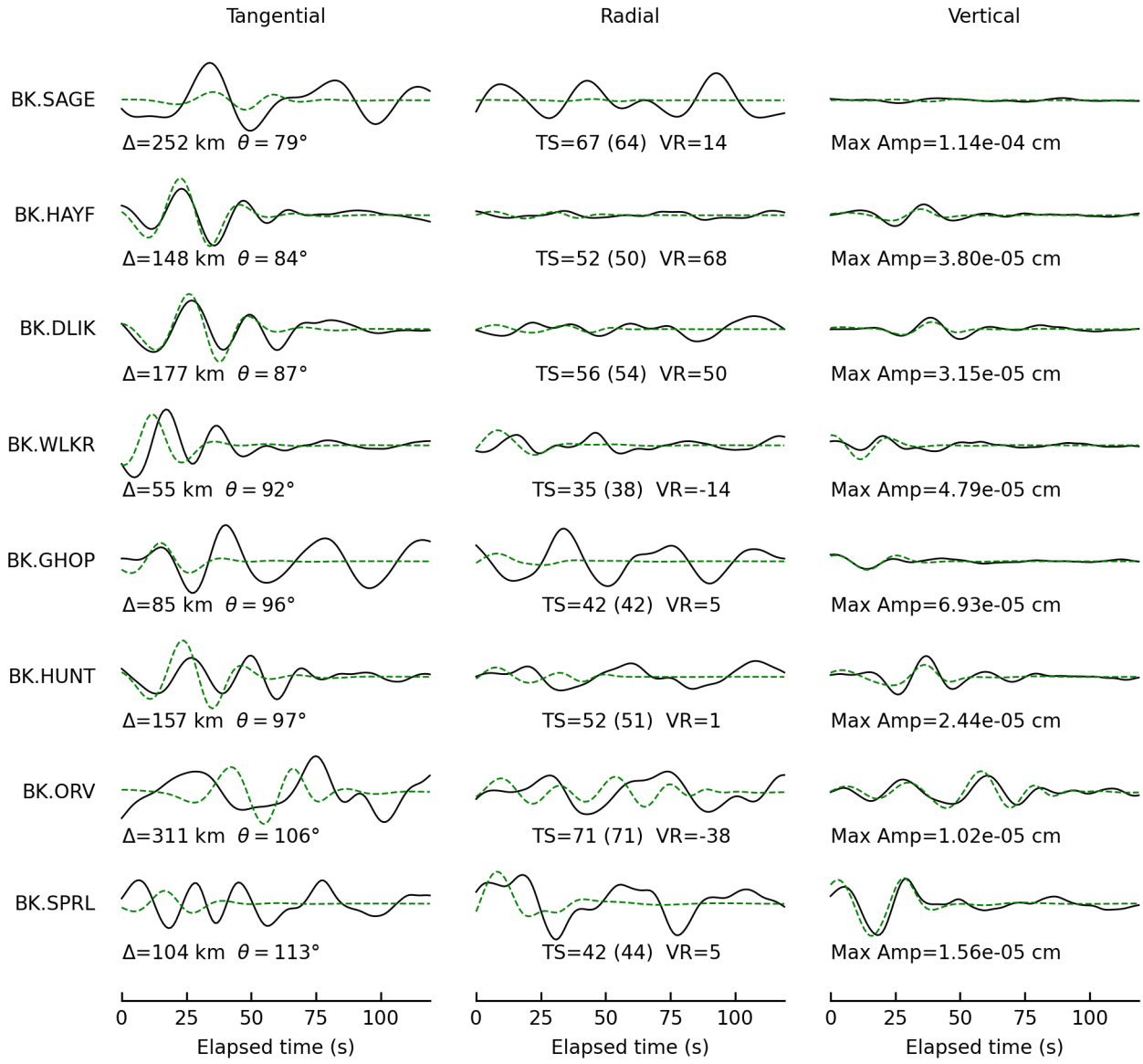

T
R
Z
BK.HUNT
Δ = 133km θ = 95°
TS=50 VR=90
Max Amp=2.26e-04 cm
BK.ORV
Δ = 287km θ = 106°
TS=70 VR=61
Max Amp=1.21e-04 cm
BK.SPRL
Δ = 80km θ = 113°
TS=41 VR=79
Max Amp=1.64e-04 cm
BK.USAL
Δ = 90km θ = 122°
TS=43 VR=83
Max Amp=1.26e-04 cm
NC.KCPC
Δ = 118km θ = 125°
TS=47 VR=64
Max Amp=1.09e-04 cm
BK.ADAM
Δ = 267km θ = 130°
TS=67 VR=36
Max Amp=4.90e-05 cm
BK.ORRS
Δ = 159km θ = 136°
TS=53 VR=66
Max Amp=7.57e-05 cm
BK.BONV
Δ = 187km θ = 141°
TS=56 VR=68
Max Amp=6.04e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

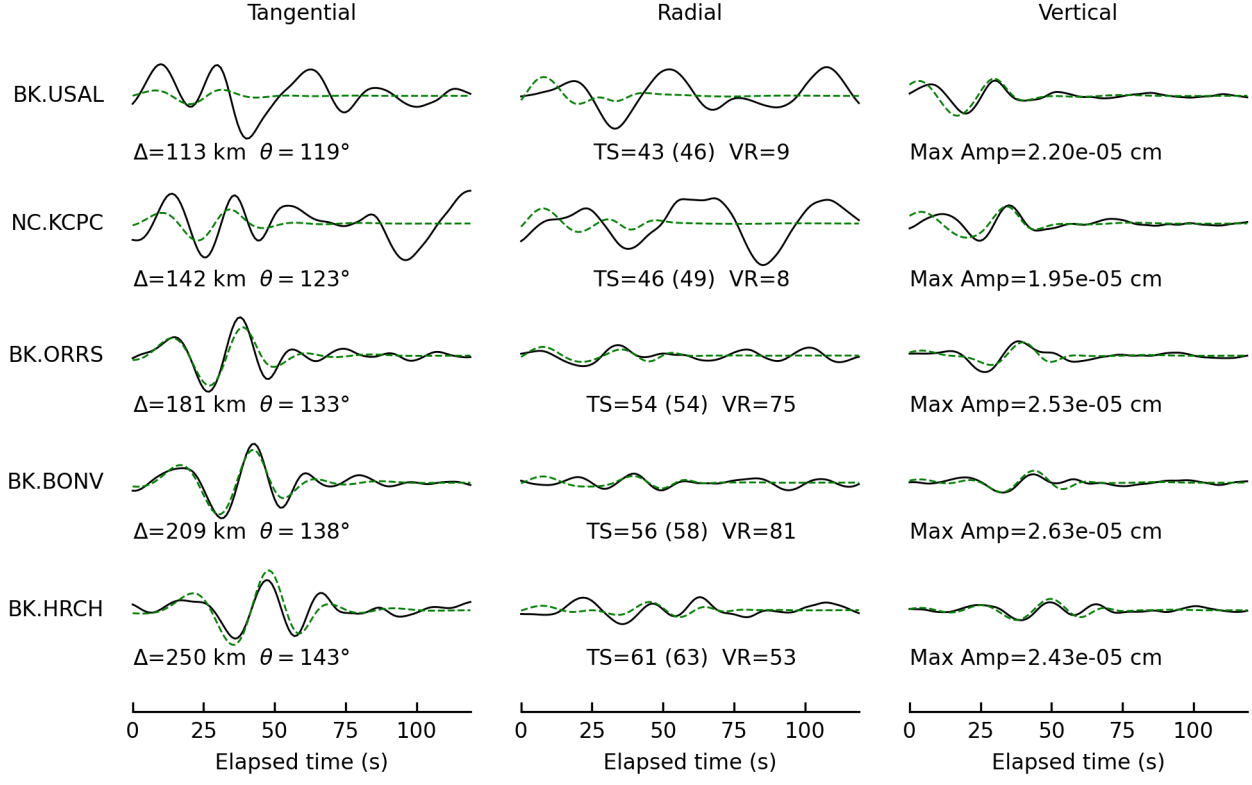

T
R
Z
BK.HRCH
Δ = 230km θ = 146°
TS=60 VR=67
Max Amp=8.95e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75097556
Depth = 24.0 km
Mw = 3.86
M0 = 7.56e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (253,78,18) (159,72,168)
npts = 120 vred = 7.692 km/s
VR = 15.89% lune:0,0

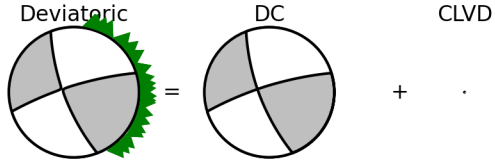


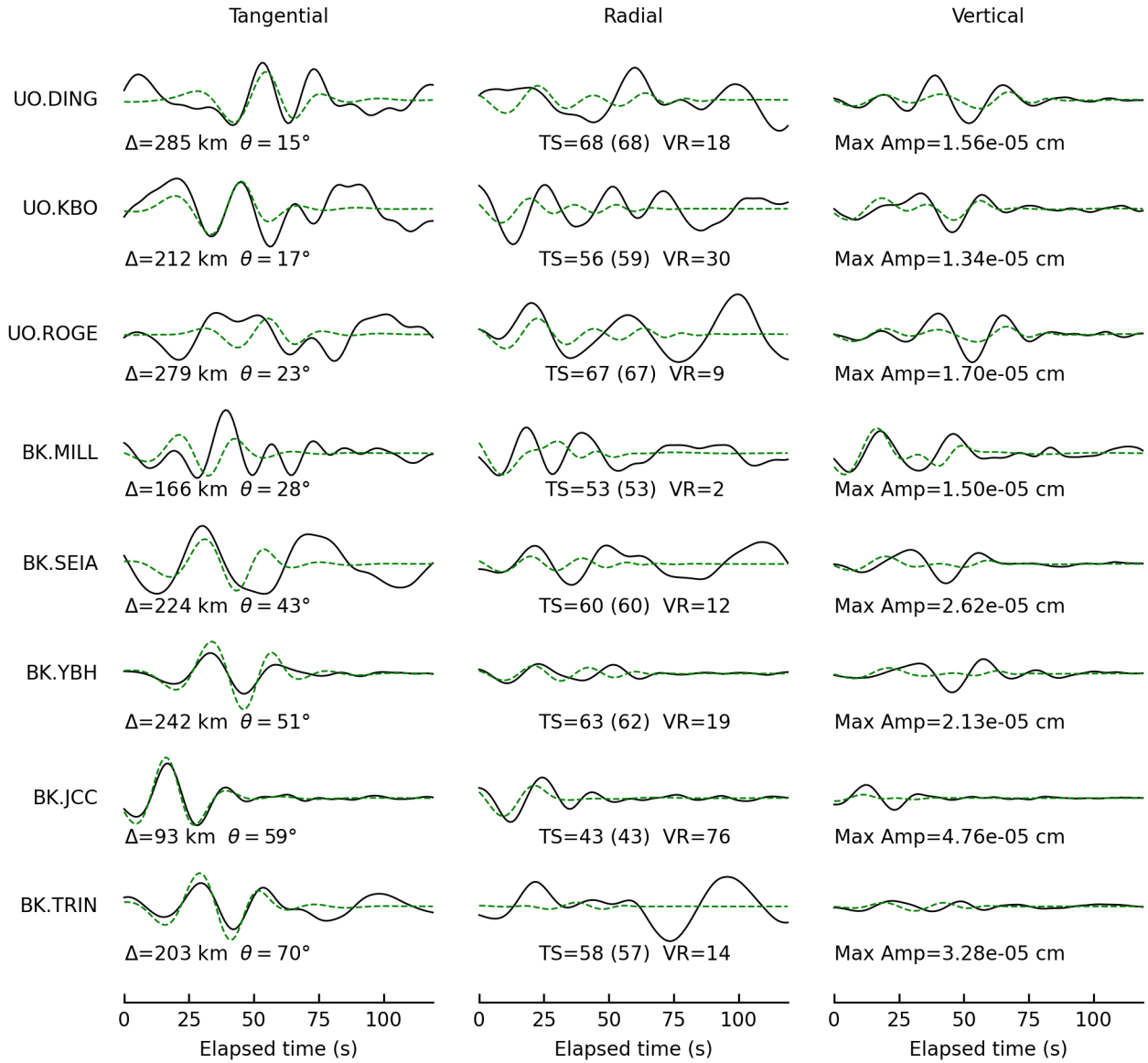


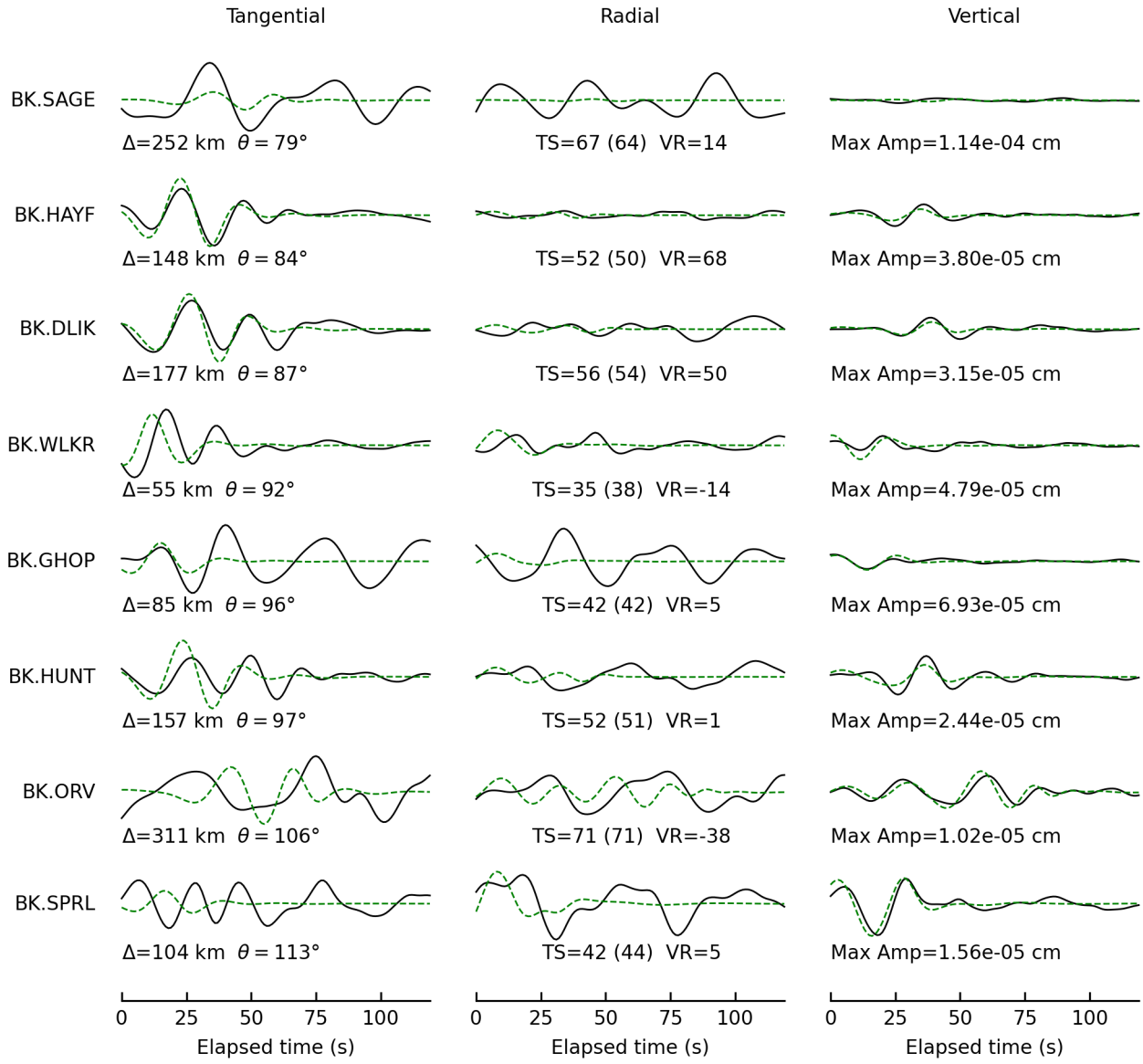

Tangential
Radial
Vertical
BK.SAGE
Δ=252 km θ = 79°
TS=67 (64) VR=14
Max Amp=1.14e-04 cm
BK.HAYF
Δ=148 km θ = 84°
TS=52 (50) VR=68
Max Amp=3.80e-05 cm
BK.DLIK
Δ=177 km θ = 87°
TS=56 (54) VR=50
Max Amp=3.15e-05 cm
BK.WLKR
Δ=55 km θ = 92°
TS=35 (38) VR=-14
Max Amp=4.79e-05 cm
BK.GHOP
Δ=85 km θ = 96°
TS=42 (42) VR=5
Max Amp=6.93e-05 cm
BK.HUNT
Δ=157 km θ = 97°
TS=52 (51) VR=1
Max Amp=2.44e-05 cm
BK.ORV
Δ=311 km θ = 106°
TS=71 (71) VR=-38
Max Amp=1.02e-05 cm
BK.SPRL
Δ=104 km θ = 113°
TS=42 (44) VR=5
Max Amp=1.56e-05 cm
0 25 50 75 100
Elapsed time (s)

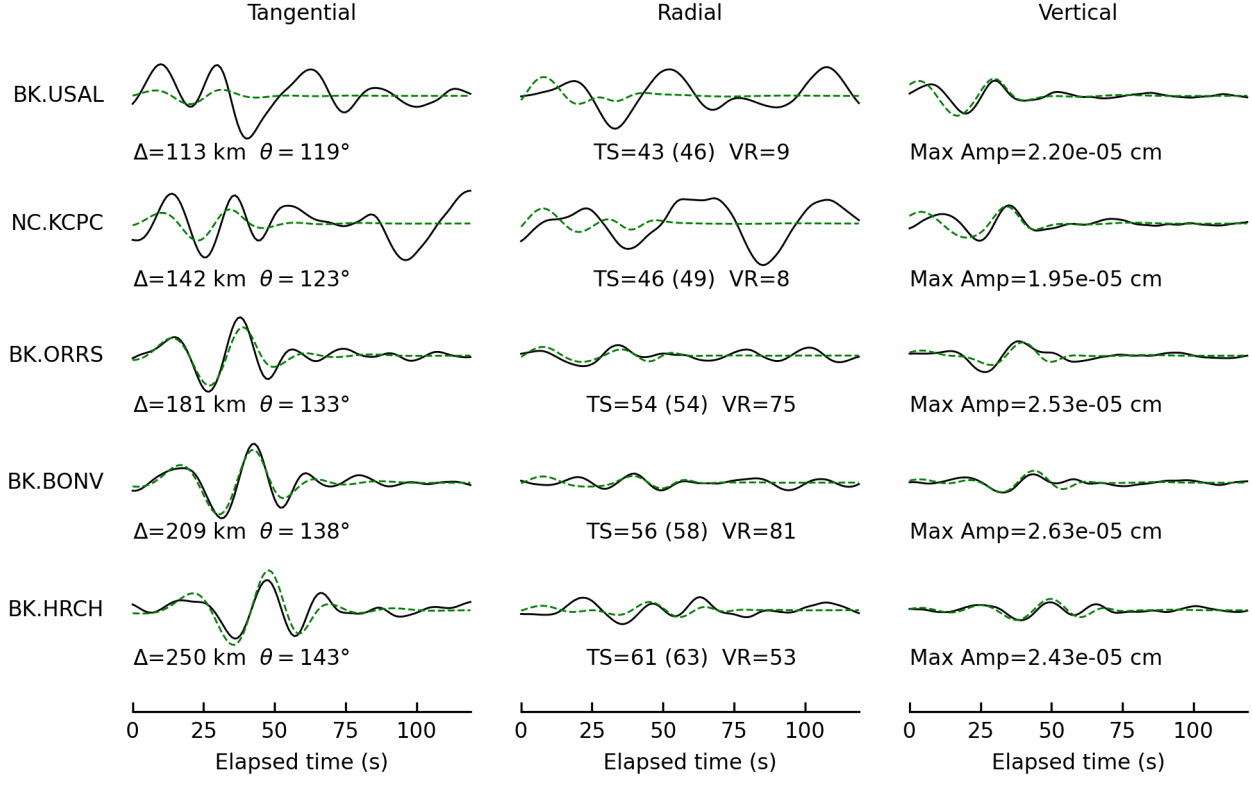

Tangential
Radial
Vertical
BK.USAL
Δ=113 km θ = 119°
TS=43 (46) VR=9
Max Amp=2.20e-05 cm
NC.KCPC
Δ=142 km θ = 123°
TS=46 (49) VR=8
Max Amp=1.95e-05 cm
BK.ORRS
Δ=181 km θ = 133°
TS=54 (54) VR=75
Max Amp=2.53e-05 cm
BK.BONV
Δ=209 km θ = 138°
TS=56 (58) VR=81
Max Amp=2.63e-05 cm
BK.HRCH
Δ=250 km θ = 143°
TS=61 (63) VR=53
Max Amp=2.43e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097556
Depth = 24.0 km
Mw = 3.86
M0 = 7.56e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (253,78,18) (159,72,168)
npts = 120 vred = 7.692 km/s
VR = 15.89% lune:0,0

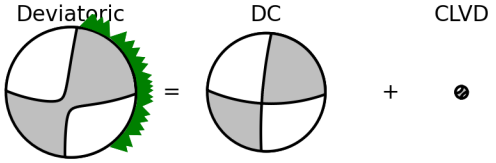


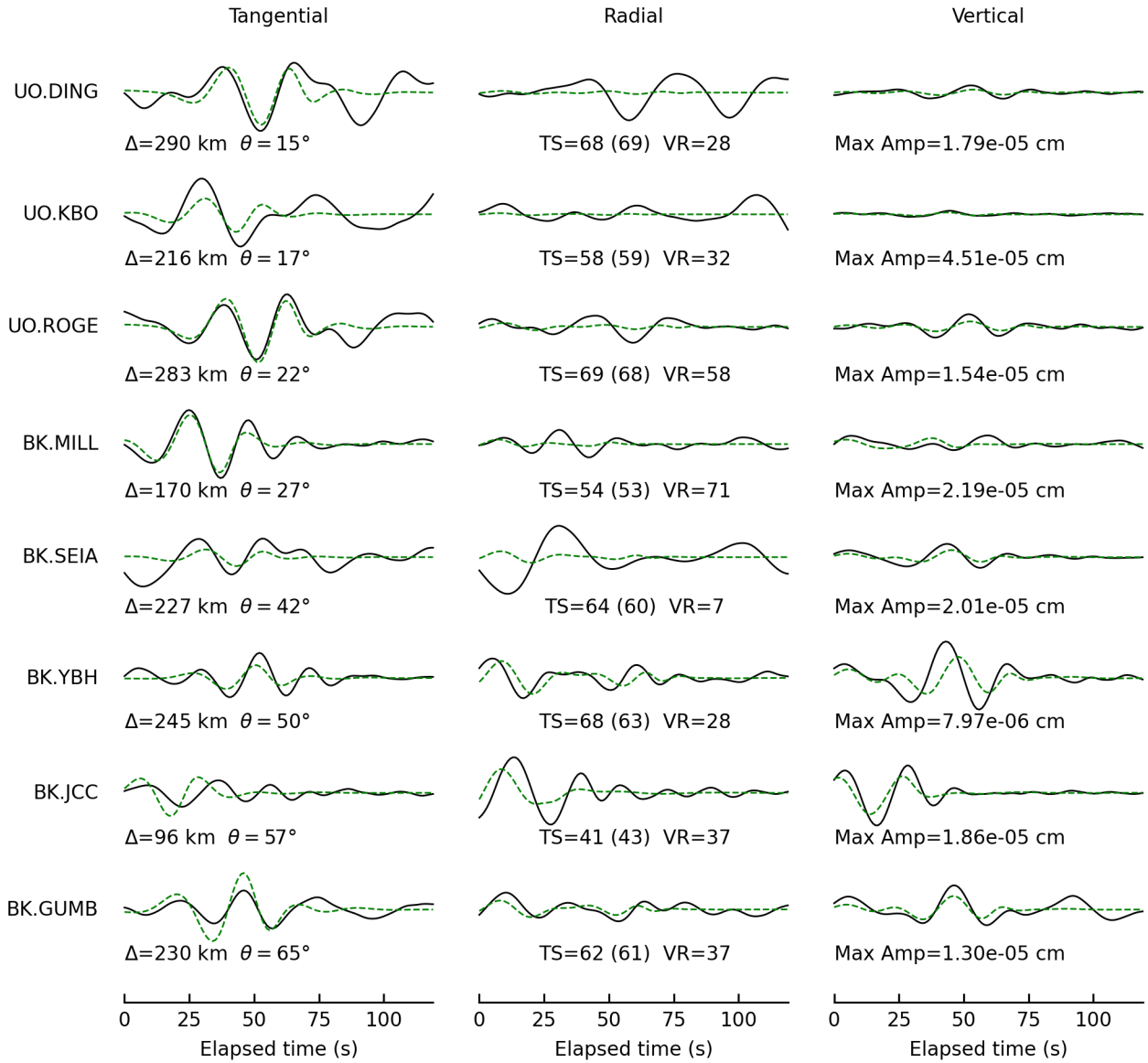


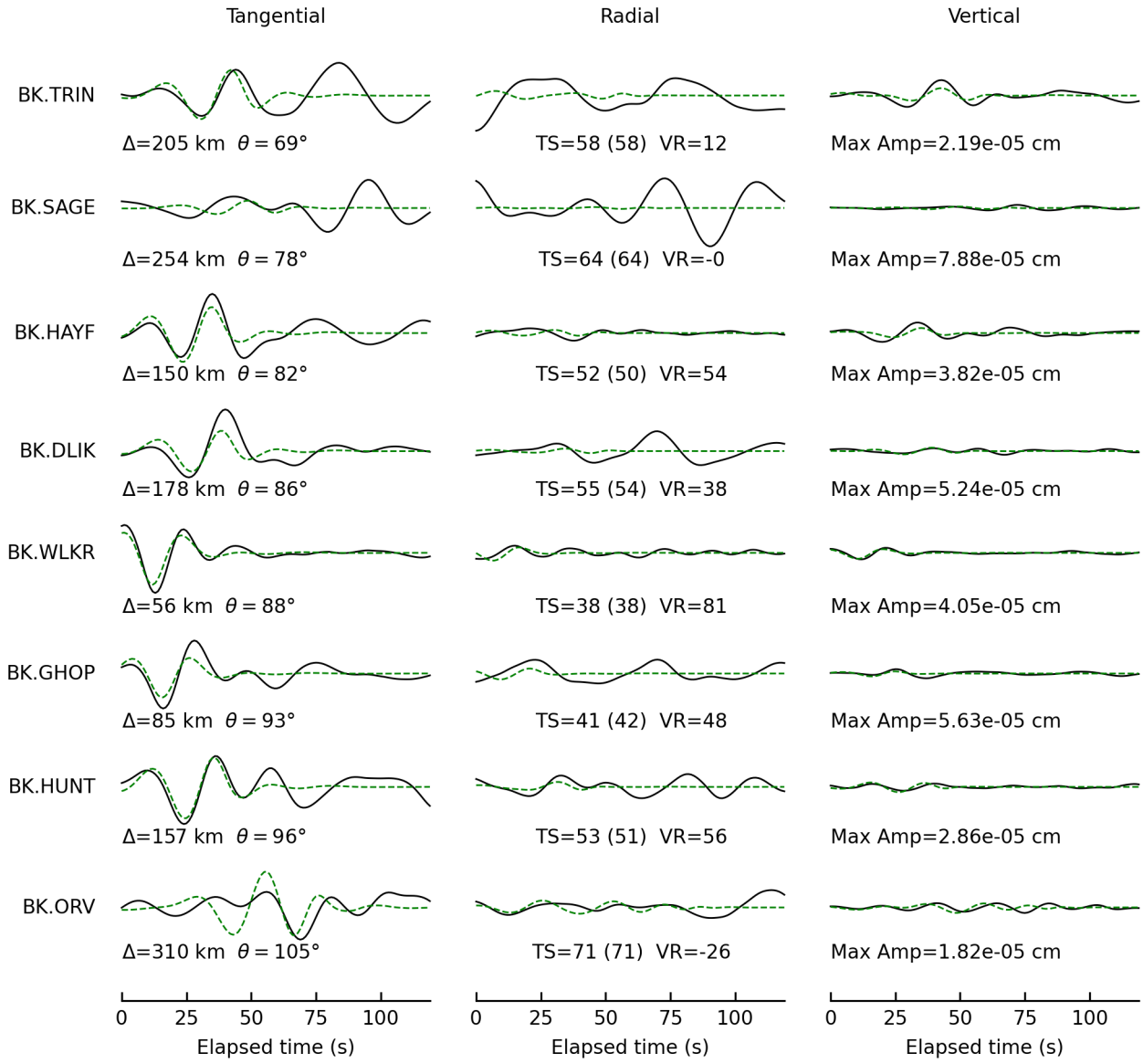

Tangential
Radial
Vertical
BK.SAGE
Δ=252 km θ = 79°
TS=67 (64) VR=14
Max Amp=1.14e-04 cm
BK.HAYF
Δ=148 km θ = 84°
TS=52 (50) VR=68
Max Amp=3.80e-05 cm
BK.DLIK
Δ=177 km θ = 87°
TS=56 (54) VR=50
Max Amp=3.15e-05 cm
BK.WLKR
Δ=55 km θ = 92°
TS=35 (38) VR=-14
Max Amp=4.79e-05 cm
BK.GHOP
Δ=85 km θ = 96°
TS=42 (42) VR=5
Max Amp=6.93e-05 cm
BK.HUNT
Δ=157 km θ = 97°
TS=52 (51) VR=1
Max Amp=2.44e-05 cm
BK.ORV
Δ=311 km θ = 106°
TS=71 (71) VR=-38
Max Amp=1.02e-05 cm
BK.SPRL
Δ=104 km θ = 113°
TS=42 (44) VR=5
Max Amp=1.56e-05 cm
0 25 50 75 100
Elapsed time (s)

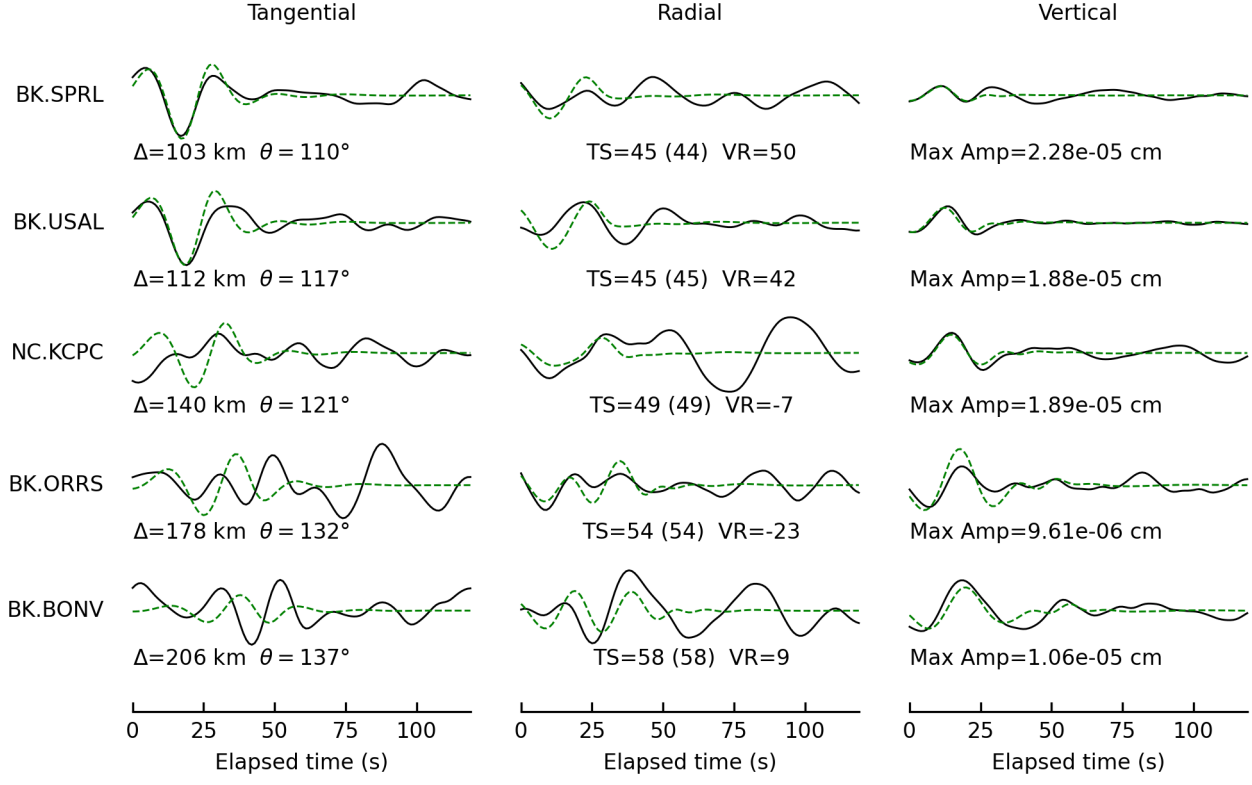

Tangential
Radial
Vertical
BK.USAL
Δ=113 km θ = 119°
TS=43 (46) VR=9
Max Amp=2.20e-05 cm
NC.KCPC
Δ=142 km θ = 123°
TS=46 (49) VR=8
Max Amp=1.95e-05 cm
BK.ORRS
Δ=181 km θ = 133°
TS=54 (54) VR=75
Max Amp=2.53e-05 cm
BK.BONV
Δ=209 km θ = 138°
TS=56 (58) VR=81
Max Amp=2.63e-05 cm
BK.HRCH
Δ=250 km θ = 143°
TS=61 (63) VR=53
Max Amp=2.43e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097611
Depth = 18.0 km
Mw = 3.71
M0 = 4.64e+21 dyne-cm
Percent DC/CLVD/ISO = 91/9/0
sdr = (92,68,172) (185,83,22)
npts = 120 vred = 7.692 km/s
VR = 14.52% lune:2,0

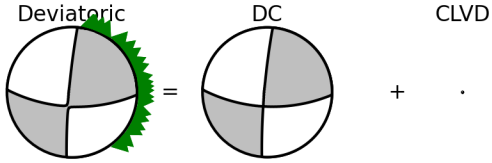


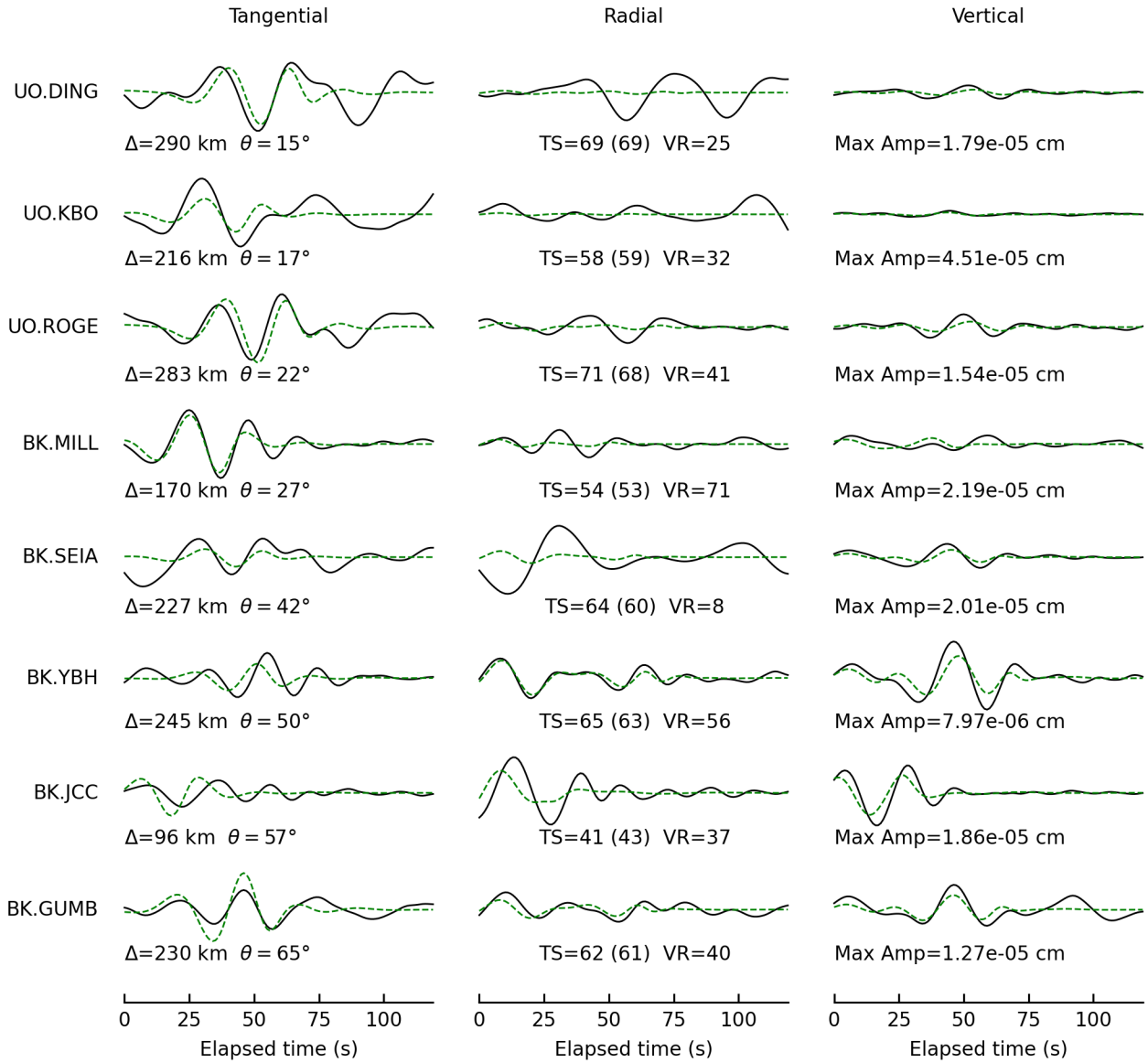


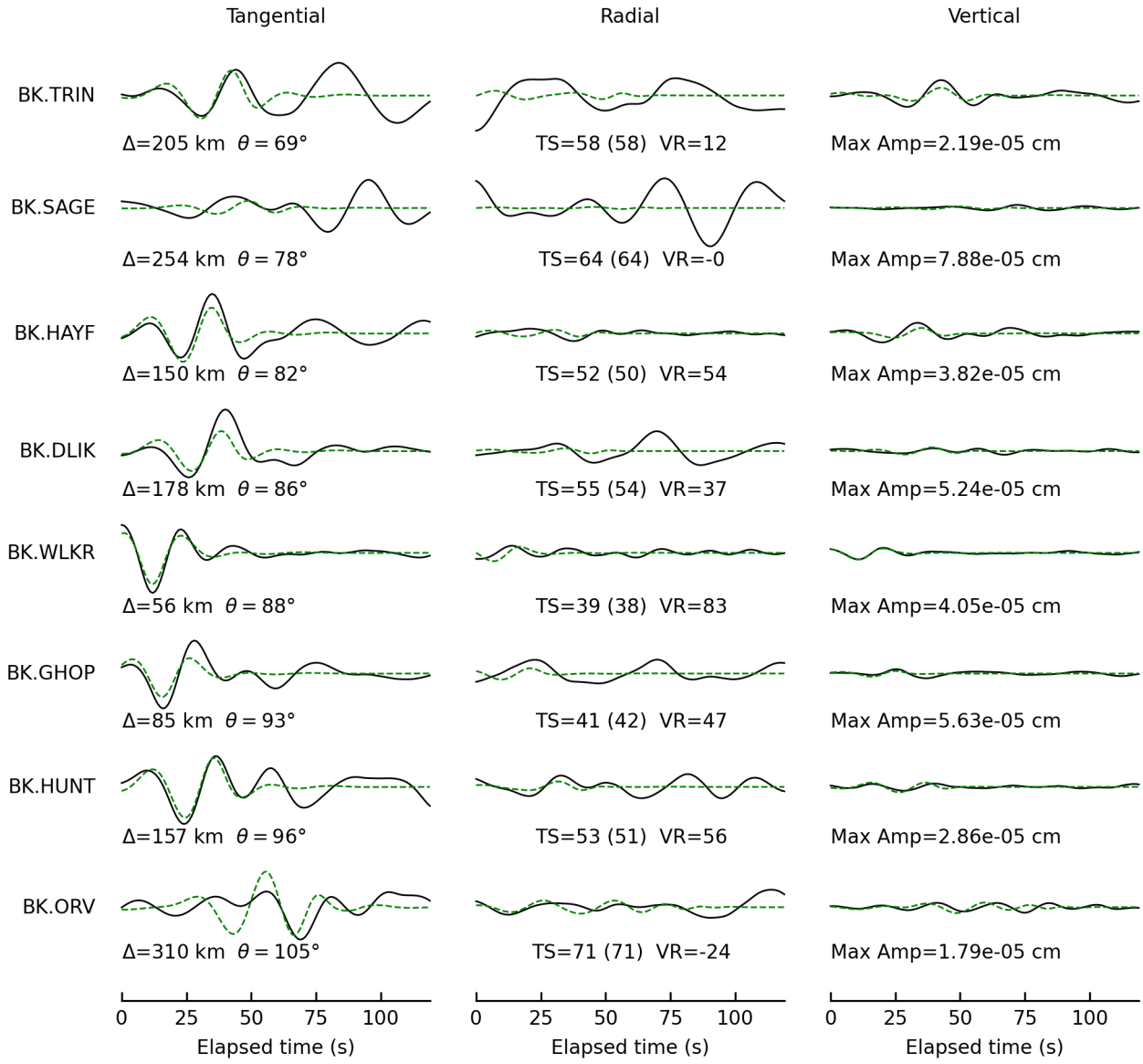

Tangential
Radial
Vertical
BK.TRIN
Δ=205 km θ = 69°
TS=58 (58) VR=12
Max Amp=2.19e-05 cm
BK.SAGE
Δ=254 km θ = 78°
TS=64 (64) VR=-0
Max Amp=7.88e-05 cm
BK.HAYF
Δ=150 km θ = 82°
TS=52 (50) VR=54
Max Amp=3.82e-05 cm
BK.DLIK
Δ=178 km θ = 86°
TS=55 (54) VR=38
Max Amp=5.24e-05 cm
BK.WLKR
Δ=56 km θ = 88°
TS=38 (38) VR=81
Max Amp=4.05e-05 cm
BK.GHOP
Δ=85 km θ = 93°
TS=41 (42) VR=48
Max Amp=5.63e-05 cm
BK.HUNT
Δ=157 km θ = 96°
TS=53 (51) VR=56
Max Amp=2.86e-05 cm
BK.ORV
Δ=310 km θ = 105°
TS=71 (71) VR=-26
Max Amp=1.82e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

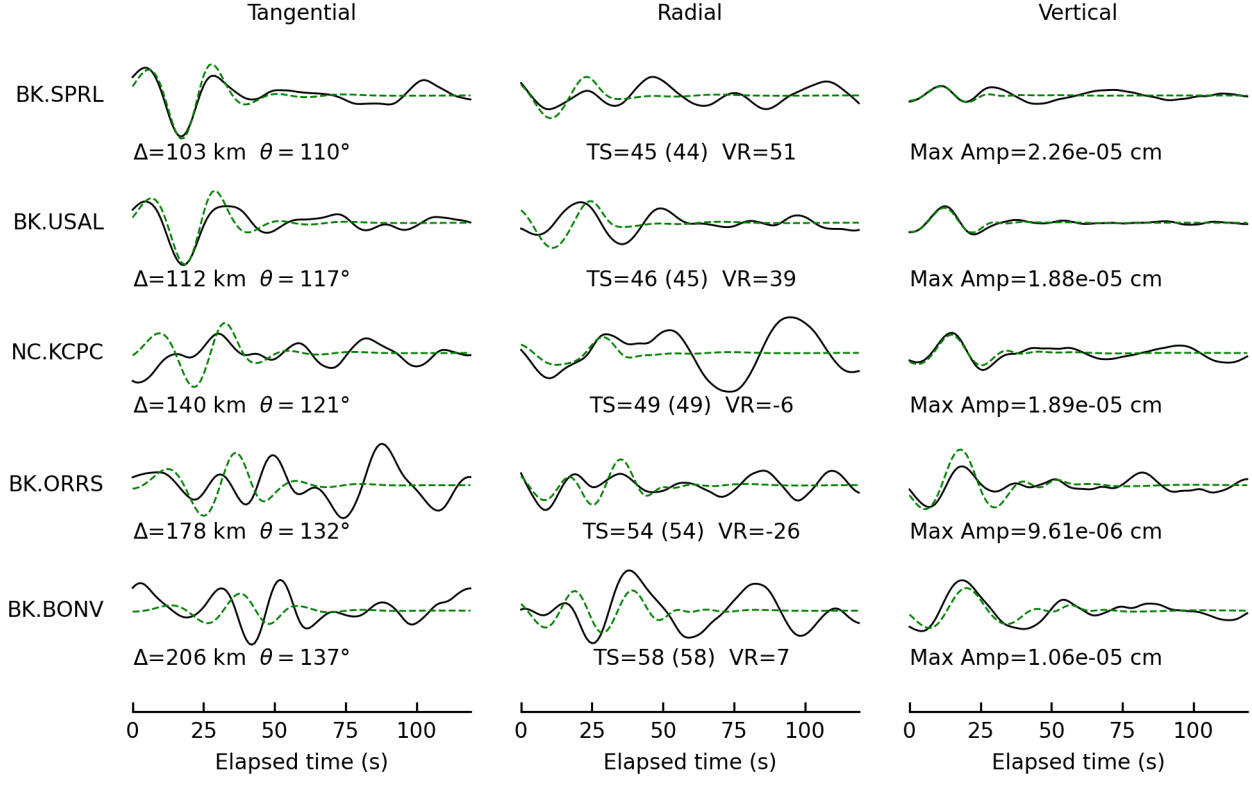

Tangential
Radial
Vertical
BK.SPRL
Δ=103 km θ = 110°
TS=45 (44) VR=50
Max Amp=2.28e-05 cm
BK.USAL
Δ=112 km θ = 117°
TS=45 (45) VR=42
Max Amp=1.88e-05 cm
NC.KCPC
Δ=140 km θ = 121°
TS=49 (49) VR=-7
Max Amp=1.89e-05 cm
BK.ORRS
Δ=178 km θ = 132°
TS=54 (54) VR=-23
Max Amp=9.61e-06 cm
BK.BONV
Δ=206 km θ = 137°
TS=58 (58) VR=9
Max Amp=1.06e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097611
Depth = 17.0 km
Mw = 3.71
M0 = 4.51e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (92,65,174) (185,85,25)
npts = 120 vred = 7.692 km/s
VR = 14.22% lune:0,0

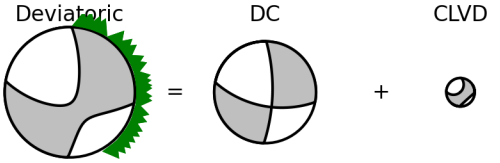


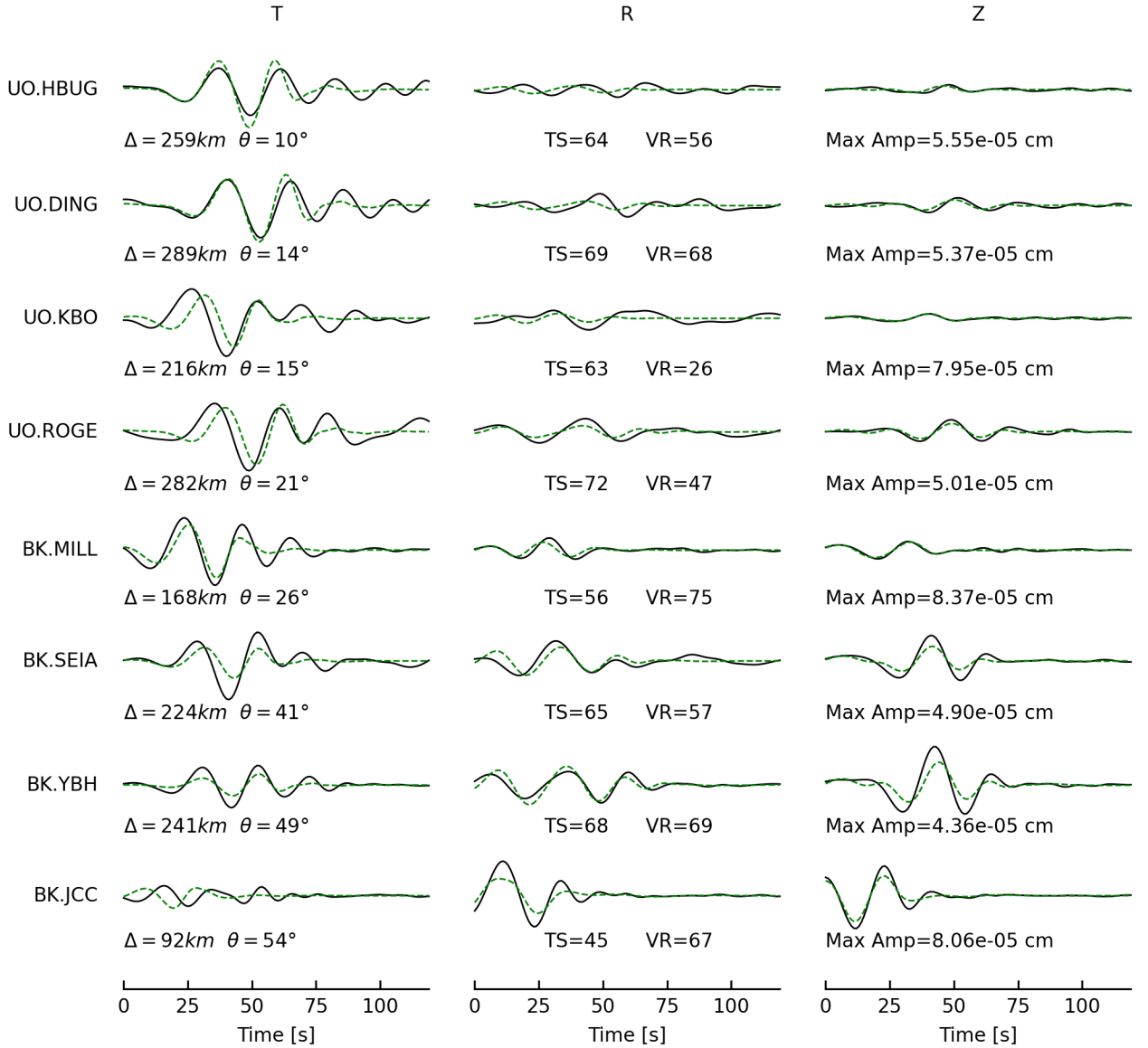


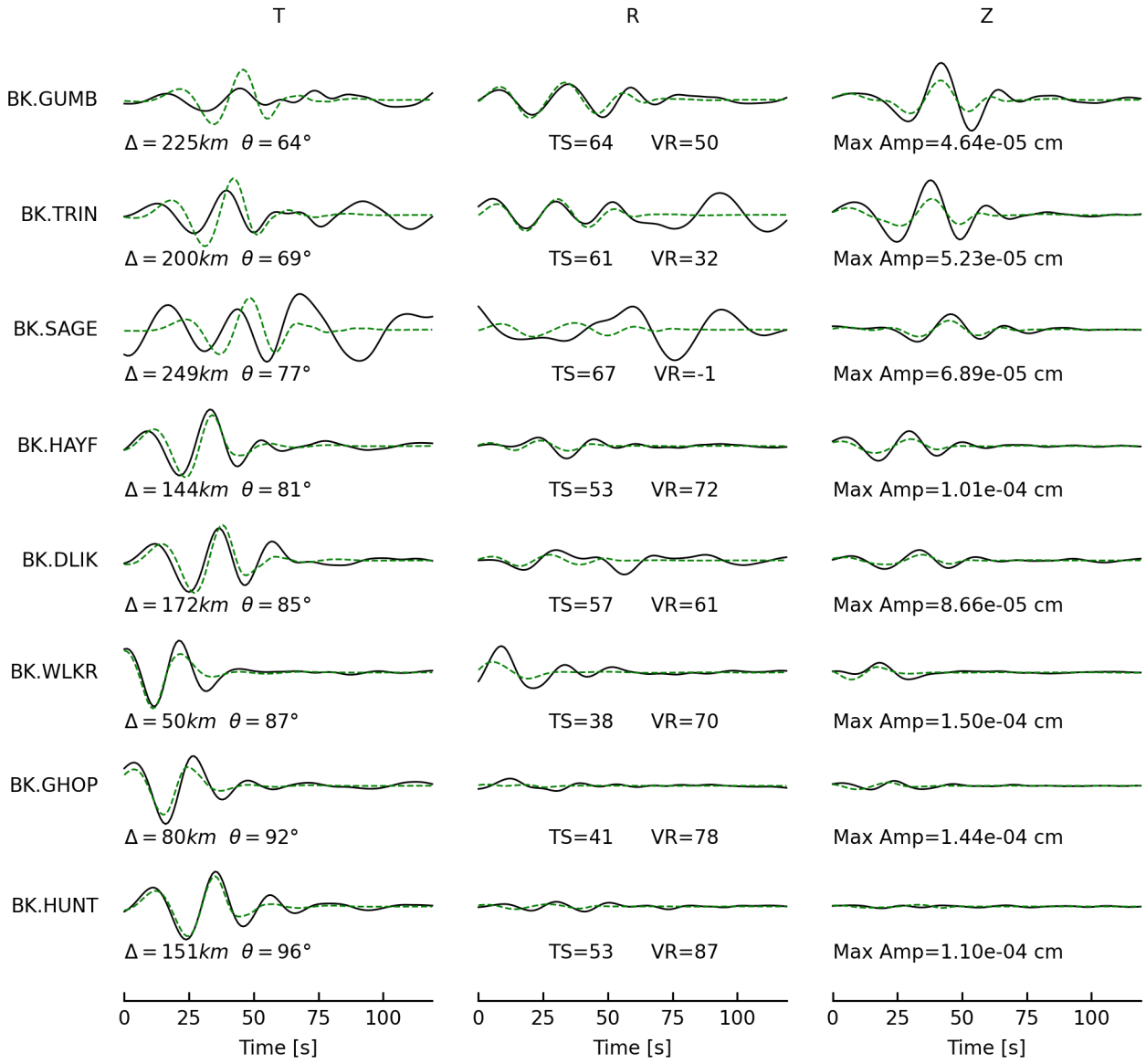

Tangential
Radial
Vertical
BK.TRIN
Δ=205 km θ = 69°
TS=58 (58) VR=12
Max Amp=2.19e-05 cm
BK.SAGE
Δ=254 km θ = 78°
TS=64 (64) VR=-0
Max Amp=7.88e-05 cm
BK.HAYF
Δ=150 km θ = 82°
TS=52 (50) VR=54
Max Amp=3.82e-05 cm
BK.DLIK
Δ=178 km θ = 86°
TS=55 (54) VR=37
Max Amp=5.24e-05 cm
BK.WLKR
Δ=56 km θ = 88°
TS=39 (38) VR=83
Max Amp=4.05e-05 cm
BK.GHOP
Δ=85 km θ = 93°
TS=41 (42) VR=47
Max Amp=5.63e-05 cm
BK.HUNT
Δ=157 km θ = 96°
TS=53 (51) VR=56
Max Amp=2.86e-05 cm
BK.ORV
Δ=310 km θ = 105°
TS=71 (71) VR=-24
Max Amp=1.79e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

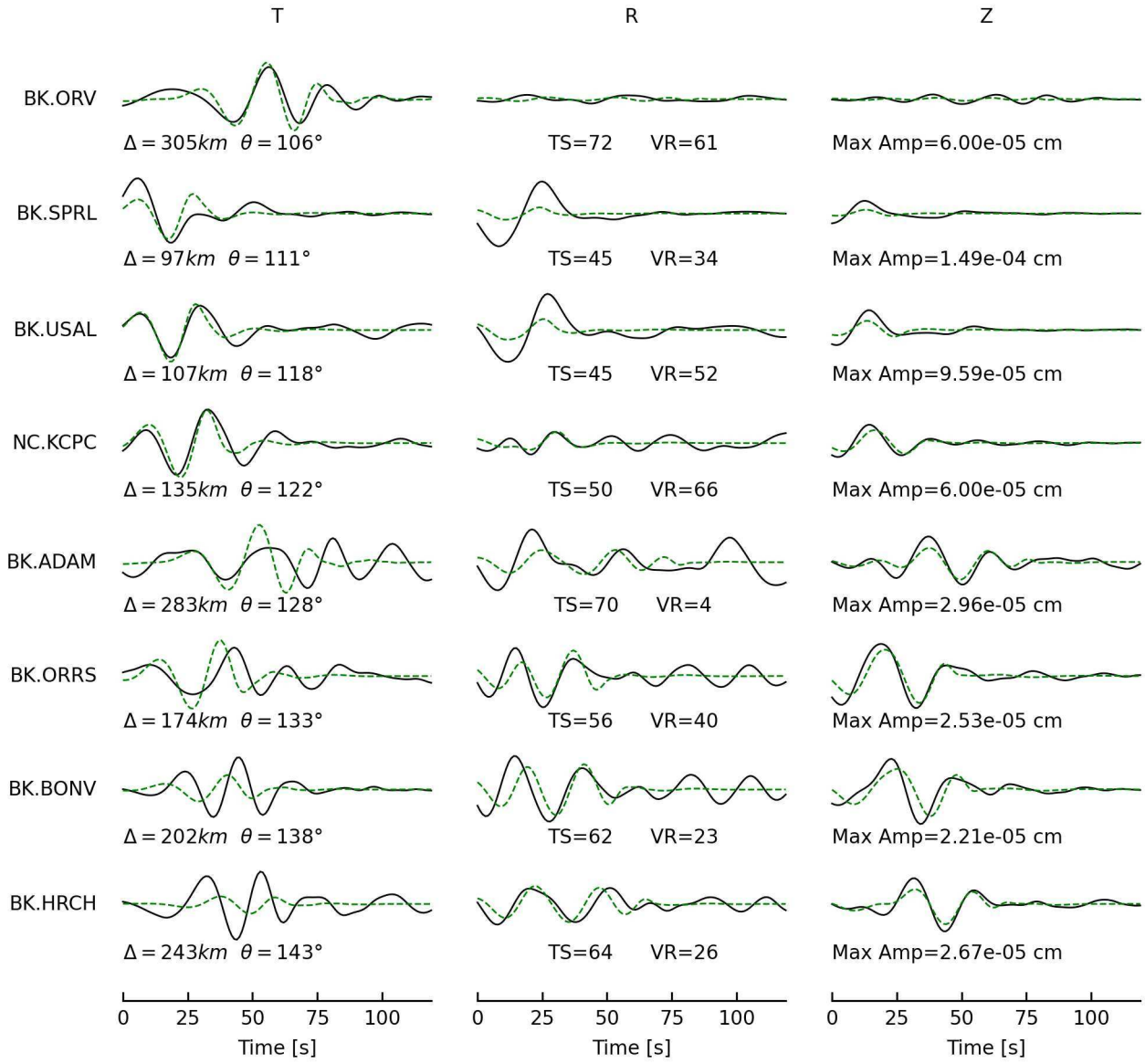

Tangential
Radial
Vertical
BK.SPRL
Δ=103 km θ = 110°
TS=45 (44) VR=51
Max Amp=2.26e-05 cm
BK.USAL
Δ=112 km θ = 117°
TS=46 (45) VR=39
Max Amp=1.88e-05 cm
NC.KCPC
Δ=140 km θ = 121°
TS=49 (49) VR=-6
Max Amp=1.89e-05 cm
BK.ORRS
Δ=178 km θ = 132°
TS=54 (54) VR=-26
Max Amp=9.61e-06 cm
BK.BONV
Δ=206 km θ = 137°
TS=58 (58) VR=7
Max Amp=1.06e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097691
Depth = 5.0 km
Mw = 3.97
M0 = 1.10e+22 dyne-cm
Percent DC/CLVD/ISO = 78/22/0
sdr = (101,60,-161) (1,74,-32)
npts = 120 vred = 7.692 km/s
VR = 48.51% lune:6,0

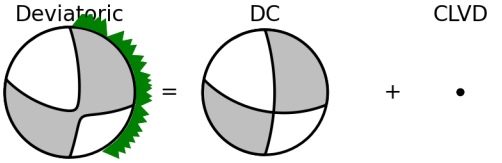


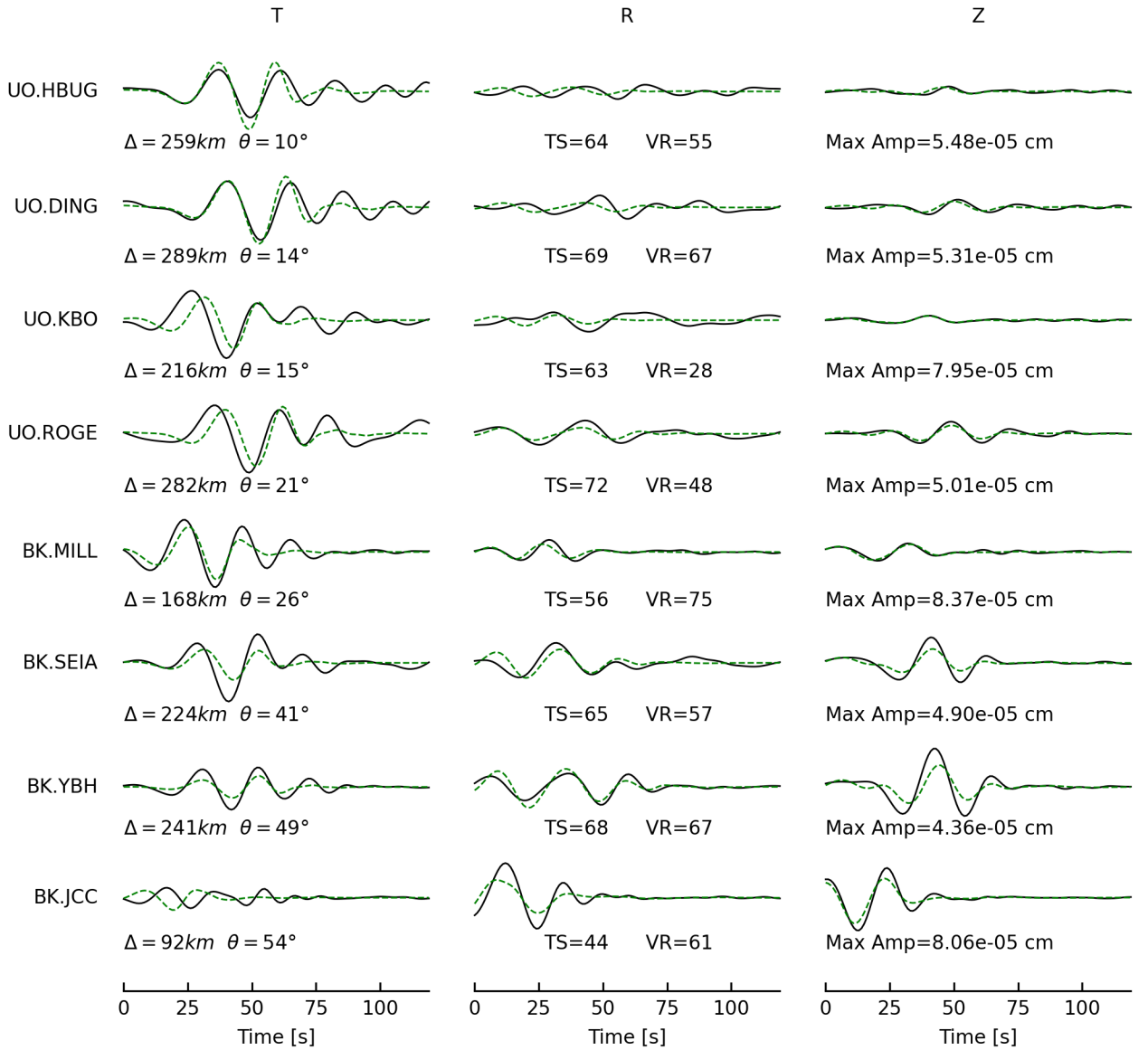


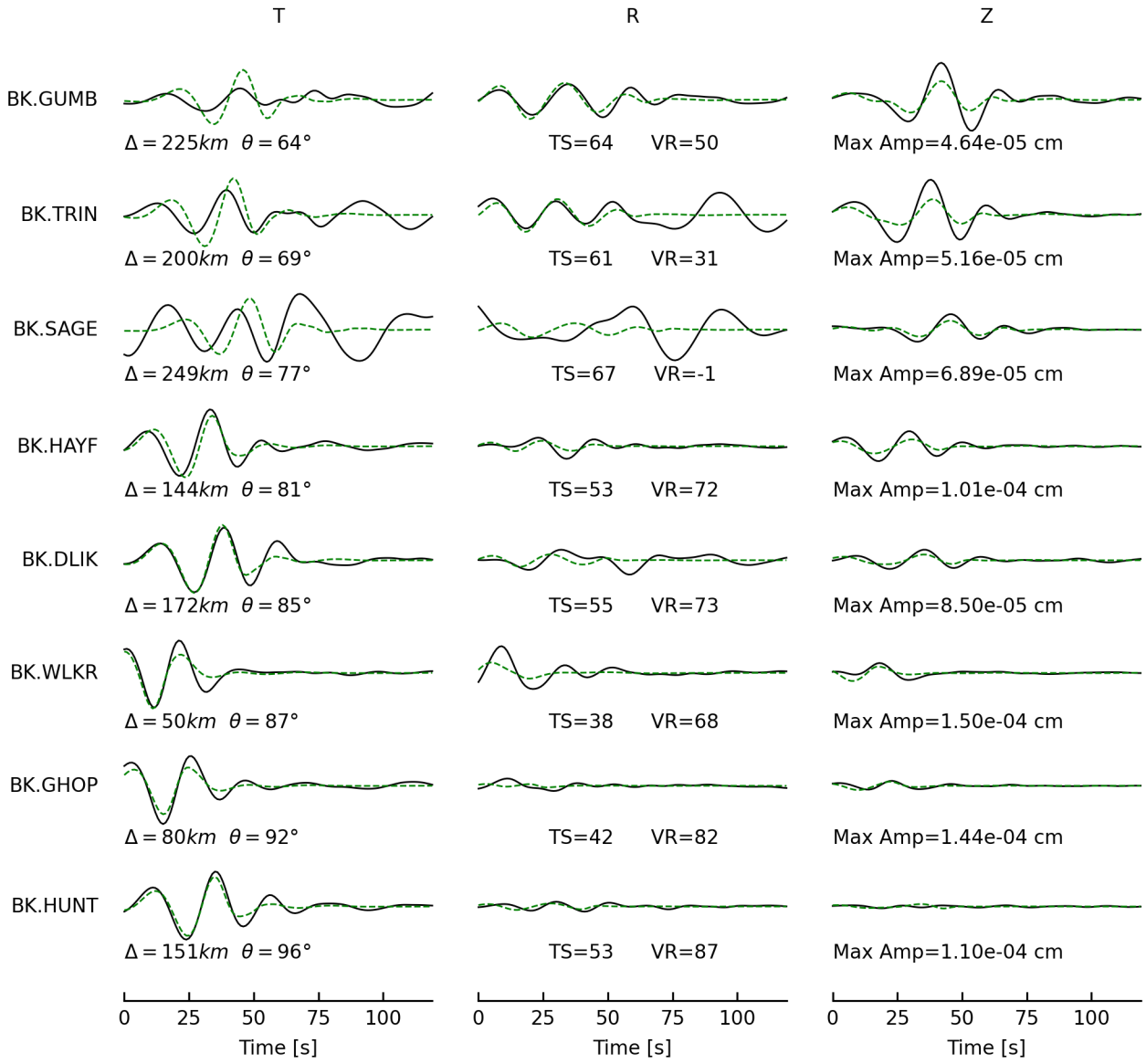

T
R
Z
BK.GUMB
Δ = 225km θ = 64°
TS=64 VR=50
Max Amp=4.64e-05 cm
BK.TRIN
Δ = 200km θ = 69°
TS=61 VR=32
Max Amp=5.23e-05 cm
BK.SAGE
Δ = 249km θ = 77°
TS=67 VR=-1
Max Amp=6.89e-05 cm
BK.HAYF
Δ = 144km θ = 81°
TS=53 VR=72
Max Amp=1.01e-04 cm
BK.DLIK
Δ = 172km θ = 85°
TS=57 VR=61
Max Amp=8.66e-05 cm
BK.WLKR
Δ = 50km θ = 87°
TS=38 VR=70
Max Amp=1.50e-04 cm
BK.GHOP
Δ = 80km θ = 92°
TS=41 VR=78
Max Amp=1.44e-04 cm
BK.HUNT
Δ = 151km θ = 96°
TS=53 VR=87
Max Amp=1.10e-04 cm
0 25 50 75 100
Time [s]

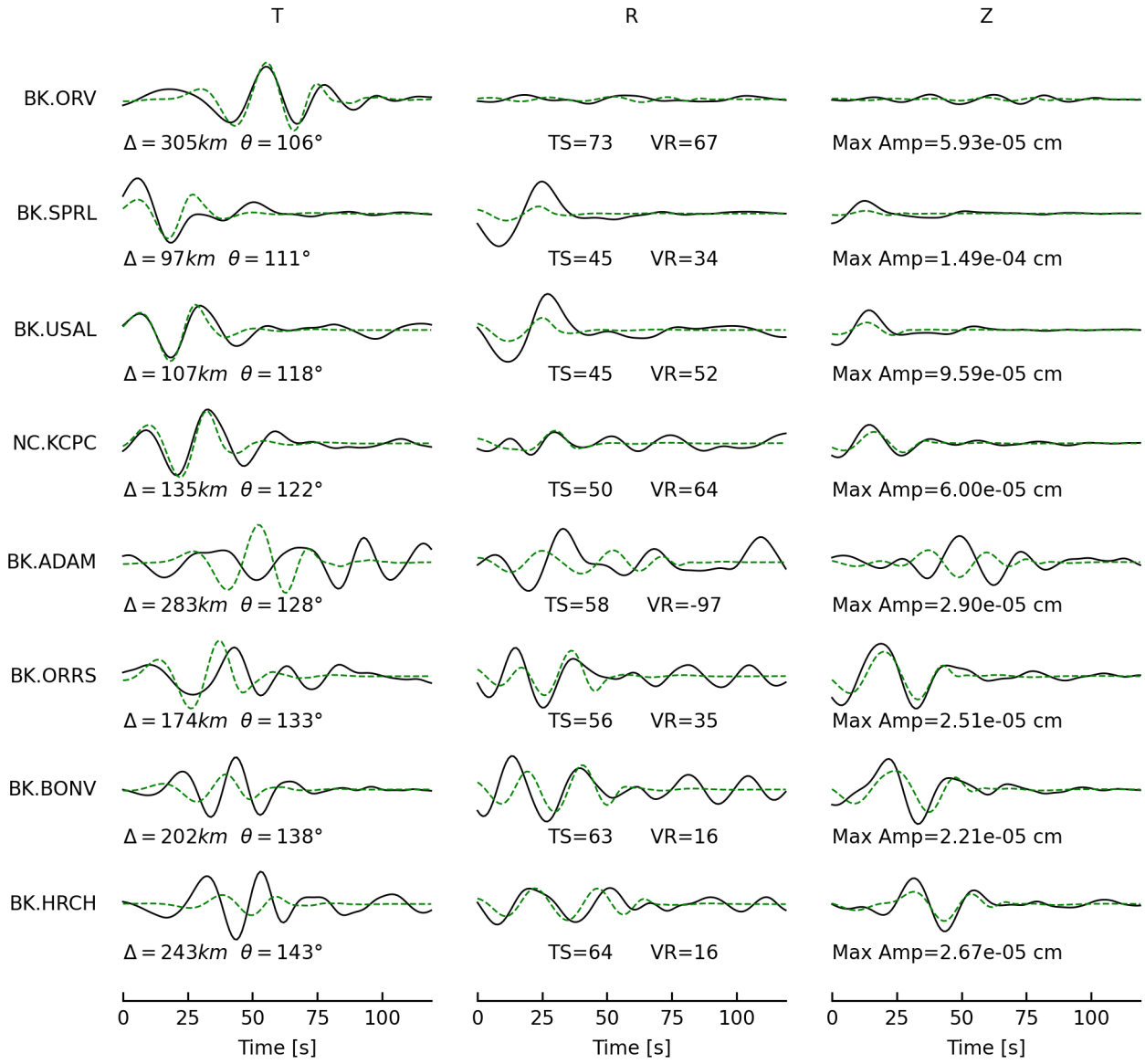

T
R
Z
BK.ORV
Δ = 305km θ = 106°
TS=72 VR=61
Max Amp=6.00e-05 cm
BK.SPRL
Δ = 97km θ = 111°
TS=45 VR=34
Max Amp=1.49e-04 cm
BK.USAL
Δ = 107km θ = 118°
TS=45 VR=52
Max Amp=9.59e-05 cm
NC.KCPC
Δ = 135km θ = 122°
TS=50 VR=66
Max Amp=6.00e-05 cm
BK.ADAM
Δ = 283km θ = 128°
TS=70 VR=4
Max Amp=2.96e-05 cm
BK.ORRS
Δ = 174km θ = 133°
TS=56 VR=40
Max Amp=2.53e-05 cm
BK.BONV
Δ = 202km θ = 138°
TS=62 VR=23
Max Amp=2.21e-05 cm
BK.HRCH
Δ = 243km θ = 143°
TS=64 VR=26
Max Amp=2.67e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75097691
Depth = 6.0 km
Mw = 3.97
M0 = 1.13e+22 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (360,73,-35) (102,57,-159)
npts = 120 vred = 7.692 km/s
VR = 47.51% lune:1,0

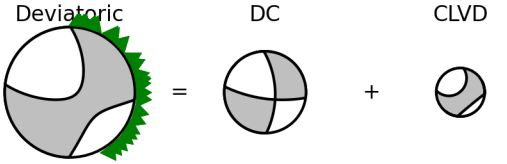


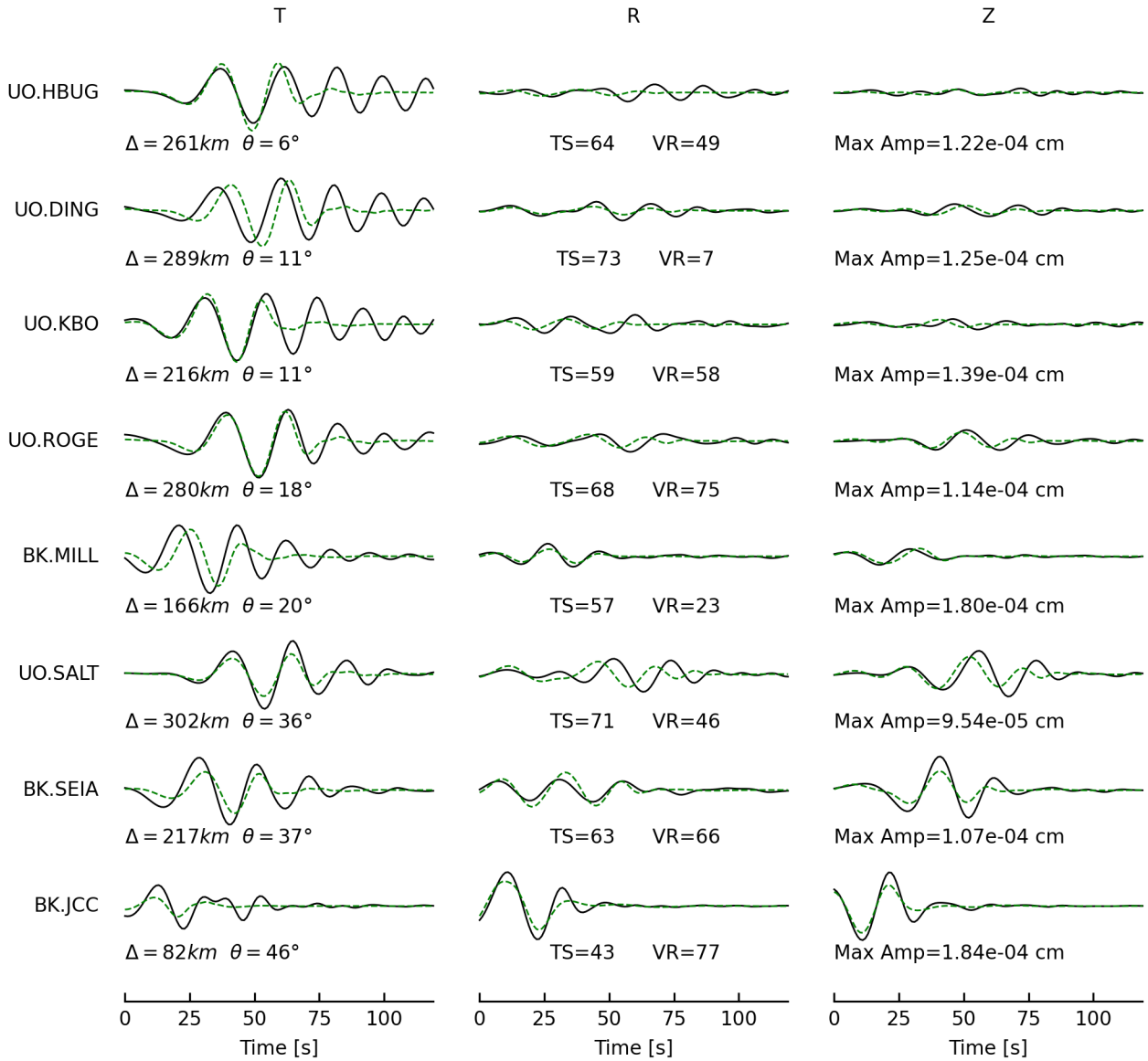


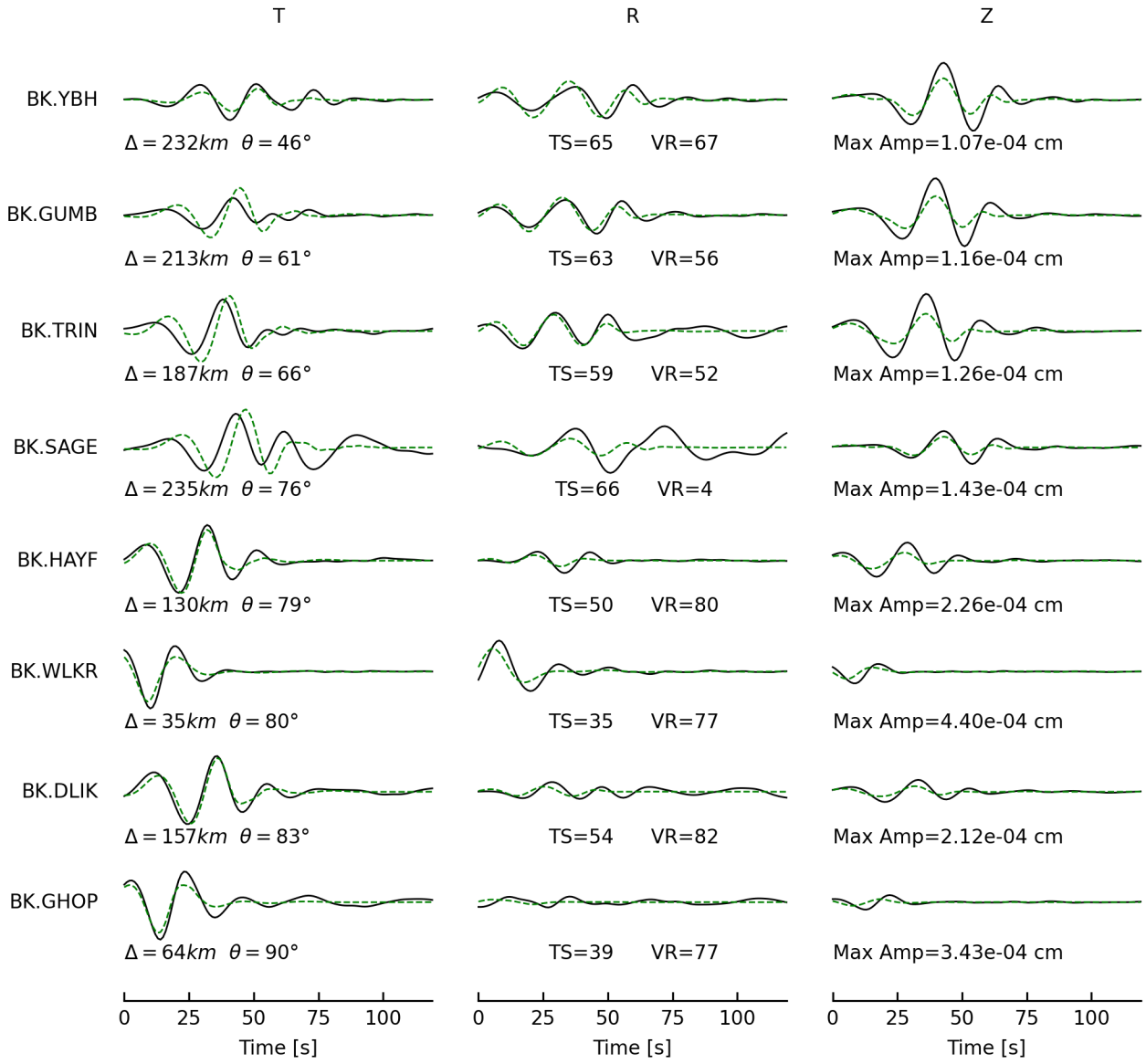

T
R
Z
BK.GUMB
Δ = 225km θ = 64°
TS=64 VR=50
Max Amp=4.64e-05 cm
BK.TRIN
Δ = 200km θ = 69°
TS=61 VR=31
Max Amp=5.16e-05 cm
BK.SAGE
Δ = 249km θ = 77°
TS=67 VR=-1
Max Amp=6.89e-05 cm
BK.HAYF
Δ = 144km θ = 81°
TS=53 VR=72
Max Amp=1.01e-04 cm
BK.DLIK
Δ = 172km θ = 85°
TS=55 VR=73
Max Amp=8.50e-05 cm
BK.WLKR
Δ = 50km θ = 87°
TS=38 VR=68
Max Amp=1.50e-04 cm
BK.GHOP
Δ = 80km θ = 92°
TS=42 VR=82
Max Amp=1.44e-04 cm
BK.HUNT
Δ = 151km θ = 96°
TS=53 VR=87
Max Amp=1.10e-04 cm
0 25 50 75 100
Time [s]

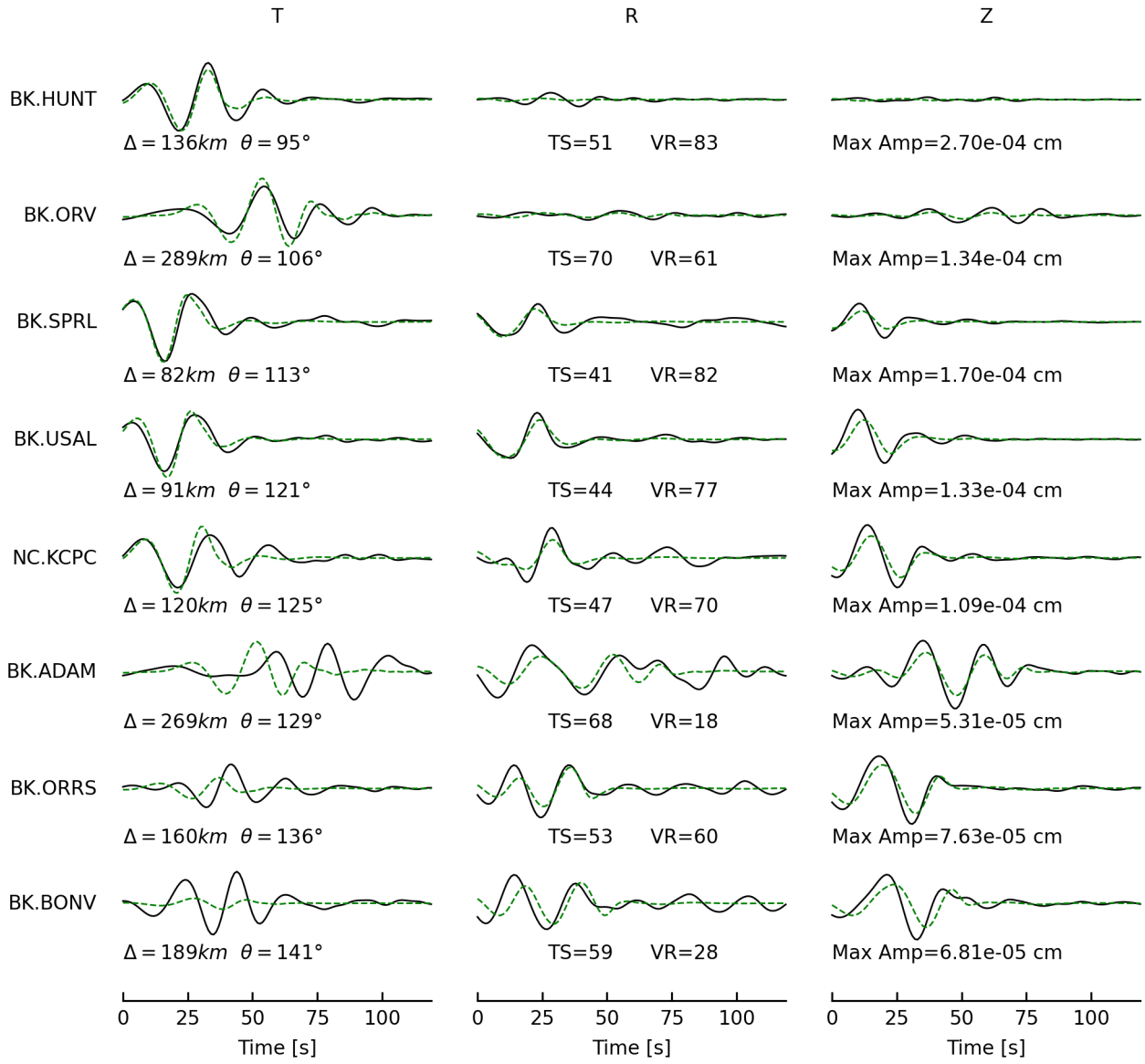

T
R
Z
BK.ORV
Δ = 305km θ = 106°
TS=73 VR=67
Max Amp=5.93e-05 cm
BK.SPRL
Δ = 97km θ = 111°
TS=45 VR=34
Max Amp=1.49e-04 cm
BK.USAL
Δ = 107km θ = 118°
TS=45 VR=52
Max Amp=9.59e-05 cm
NC.KCPC
Δ = 135km θ = 122°
TS=50 VR=64
Max Amp=6.00e-05 cm
BK.ADAM
Δ = 283km θ = 128°
TS=58 VR=-97
Max Amp=2.90e-05 cm
BK.ORRS
Δ = 174km θ = 133°
TS=56 VR=35
Max Amp=2.51e-05 cm
BK.BONV
Δ = 202km θ = 138°
TS=63 VR=16
Max Amp=2.21e-05 cm
BK.HRCH
Δ = 243km θ = 143°
TS=64 VR=16
Max Amp=2.67e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

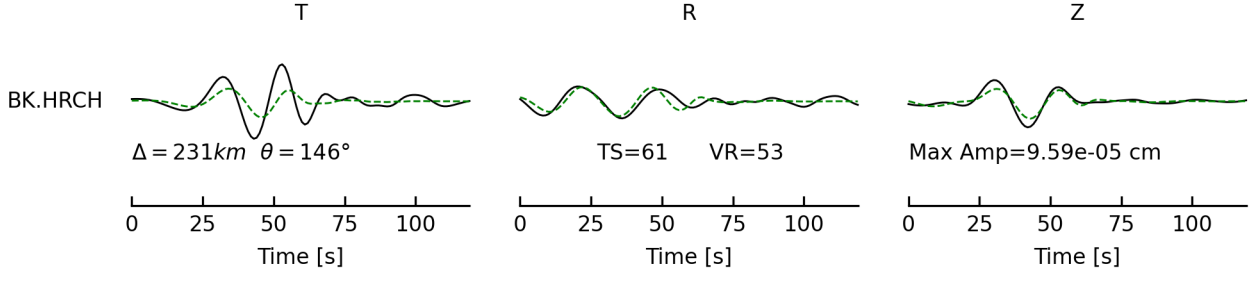
Deviatoric Moment Tensor Inversion
Evid = 75097711
Depth = 3.0 km
Mw = 4.18
M0 = 2.30e+22 dyne-cm
Percent DC/CLVD/ISO = 63/37/0
sdr = (358,62,-20) (98,72,-151)
npts = 120 vred = 7.692 km/s
VR = 57.38% lune:10,0



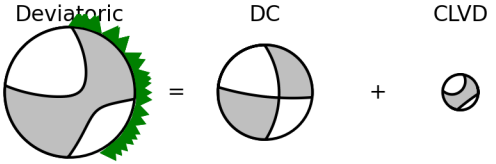


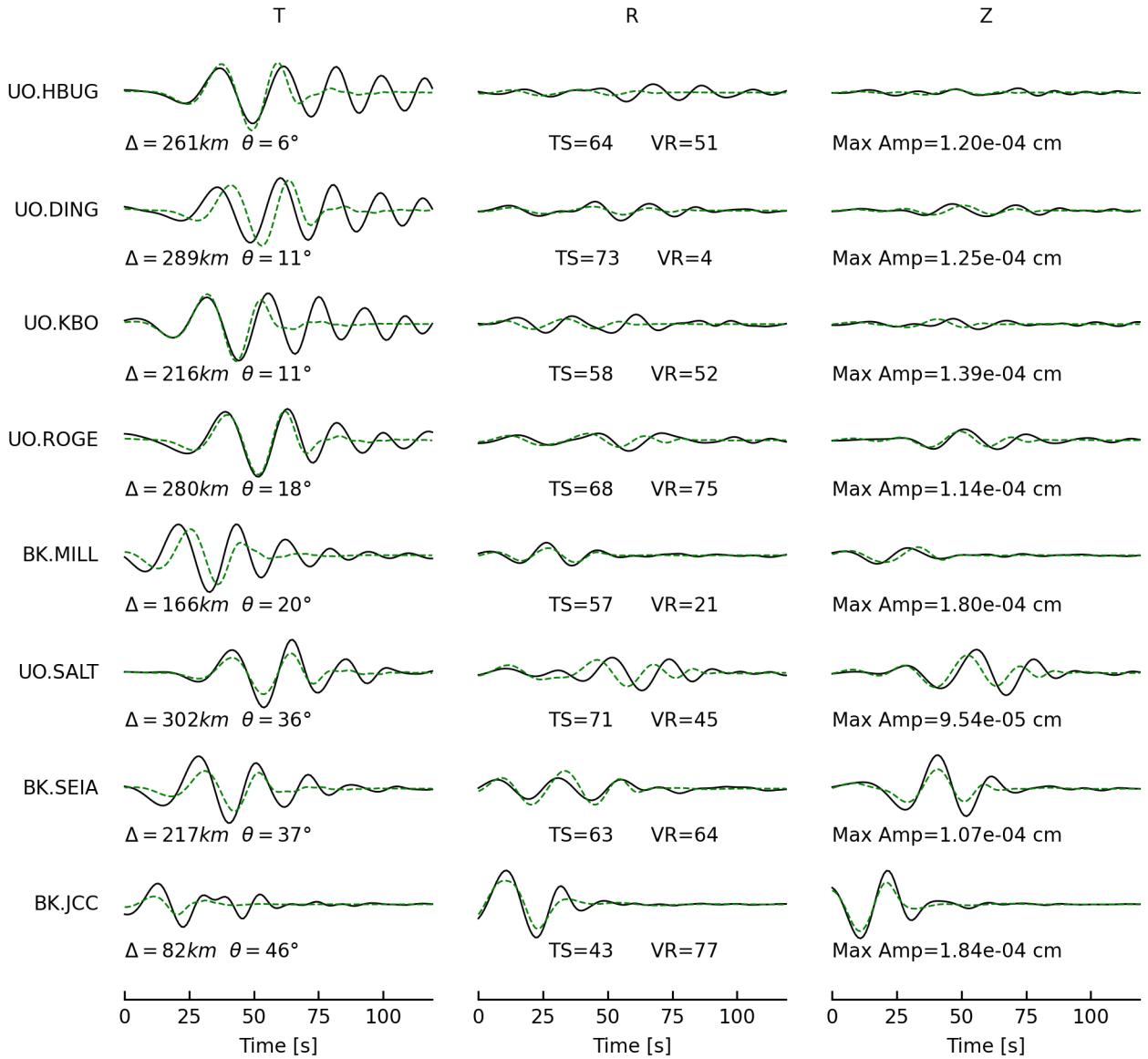

T
R
Z
BK.YBH
Δ = 232km θ = 46°
TS=65 VR=67
Max Amp=1.07e-04 cm
BK.GUMB
Δ = 213km θ = 61°
TS=63 VR=56
Max Amp=1.16e-04 cm
BK.TRIN
Δ = 187km θ = 66°
TS=59 VR=52
Max Amp=1.26e-04 cm
BK.SAGE
Δ = 235km θ = 76°
TS=66 VR=4
Max Amp=1.43e-04 cm
BK.HAYF
Δ = 130km θ = 79°
TS=50 VR=80
Max Amp=2.26e-04 cm
BK.WLKR
Δ = 35km θ = 80°
TS=35 VR=77
Max Amp=4.40e-04 cm
BK.DLIK
Δ = 157km θ = 83°
TS=54 VR=82
Max Amp=2.12e-04 cm
BK.GHOP
Δ = 64km θ = 90°
TS=39 VR=77
Max Amp=3.43e-04 cm
0 25 50 75 100
Time [s]

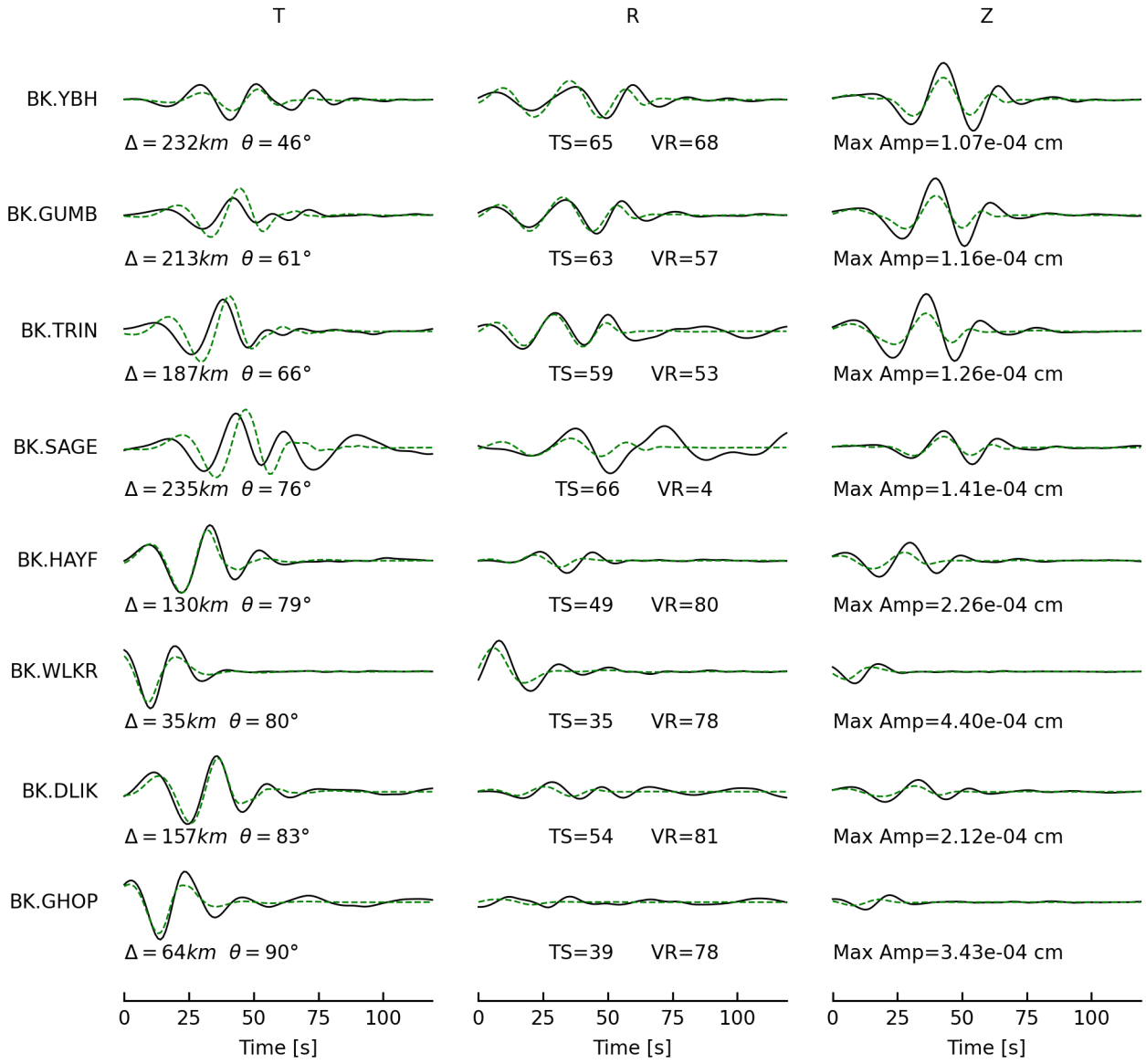

T
R
Z
BK.HUNT
Δ = 136km θ = 95°
TS=51 VR=83
Max Amp=2.70e-04 cm
BK.ORV
Δ = 289km θ = 106°
TS=70 VR=61
Max Amp=1.34e-04 cm
BK.SPRL
Δ = 82km θ = 113°
TS=41 VR=82
Max Amp=1.70e-04 cm
BK.USAL
Δ = 91km θ = 121°
TS=44 VR=77
Max Amp=1.33e-04 cm
NC.KCPC
Δ = 120km θ = 125°
TS=47 VR=70
Max Amp=1.09e-04 cm
BK.ADAM
Δ = 269km θ = 129°
TS=68 VR=18
Max Amp=5.31e-05 cm
BK.ORRS
Δ = 160km θ = 136°
TS=53 VR=60
Max Amp=7.63e-05 cm
BK.BONV
Δ = 189km θ = 141°
TS=59 VR=28
Max Amp=6.81e-05 cm
0 25 50 75 100
Time [s]

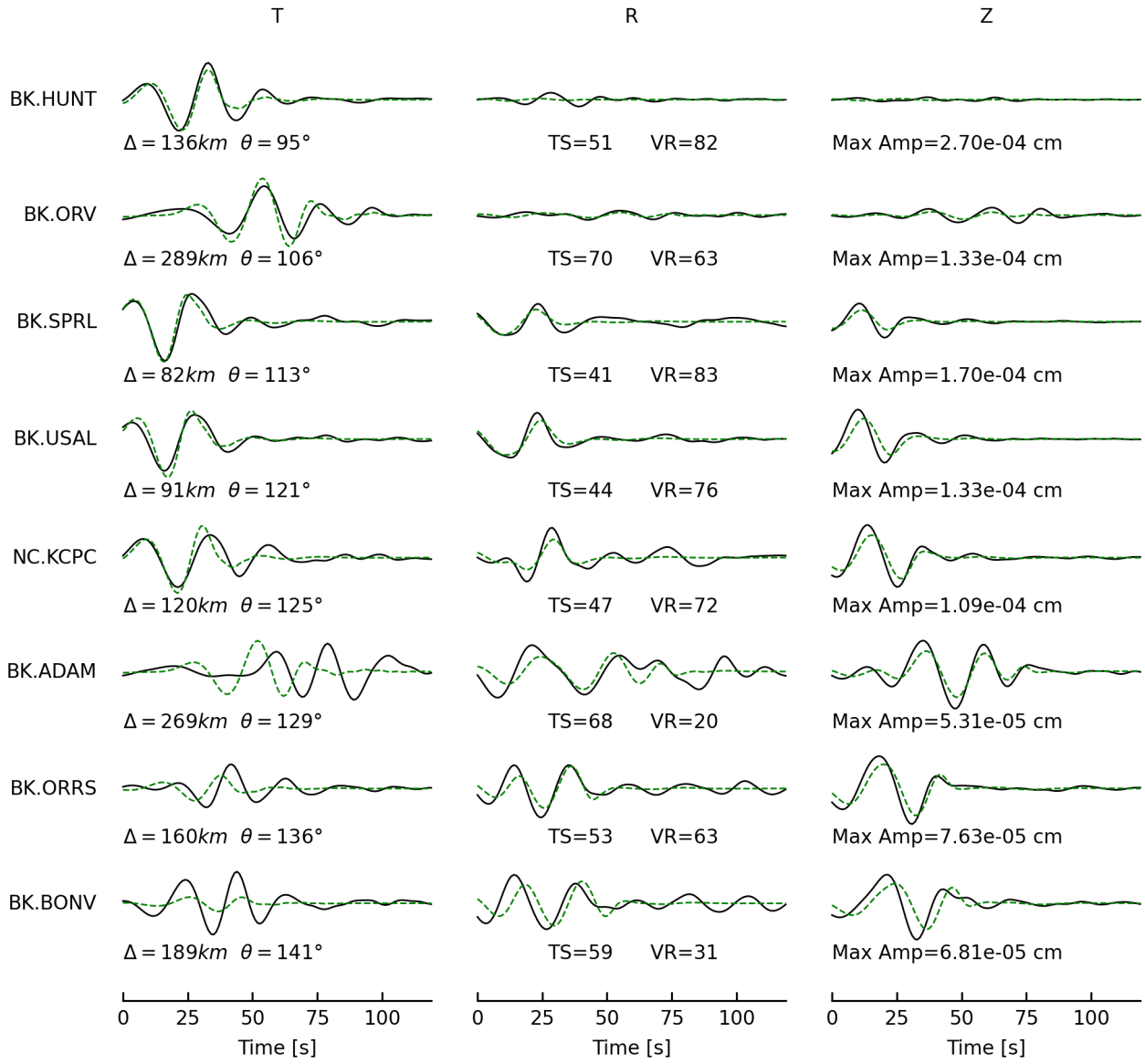

T
R
Z
BK.HRCH
Δ = 231km θ = 146°
TS=61 VR=53
Max Amp=9.59e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

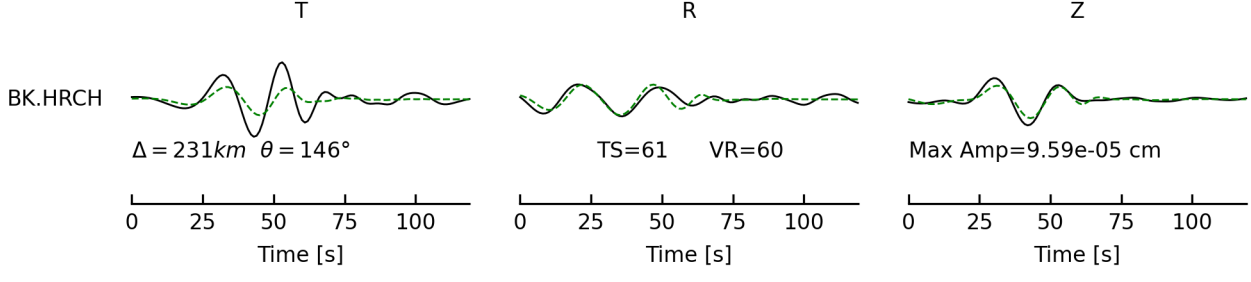
Deviatoric Moment Tensor Inversion
Evid = 75097711
Depth = 2.0 km
Mw = 4.16
M0 = 2.18e+22 dyne-cm
Percent DC/CLVD/ISO = 73/27/0
sdr = (359,57,-13) (96,80,-147)
npts = 120 vred = 7.692 km/s
VR = 57.08% lune:7,0



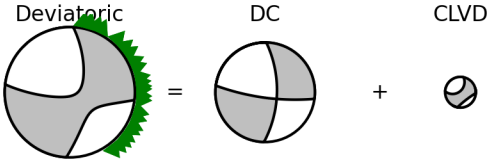


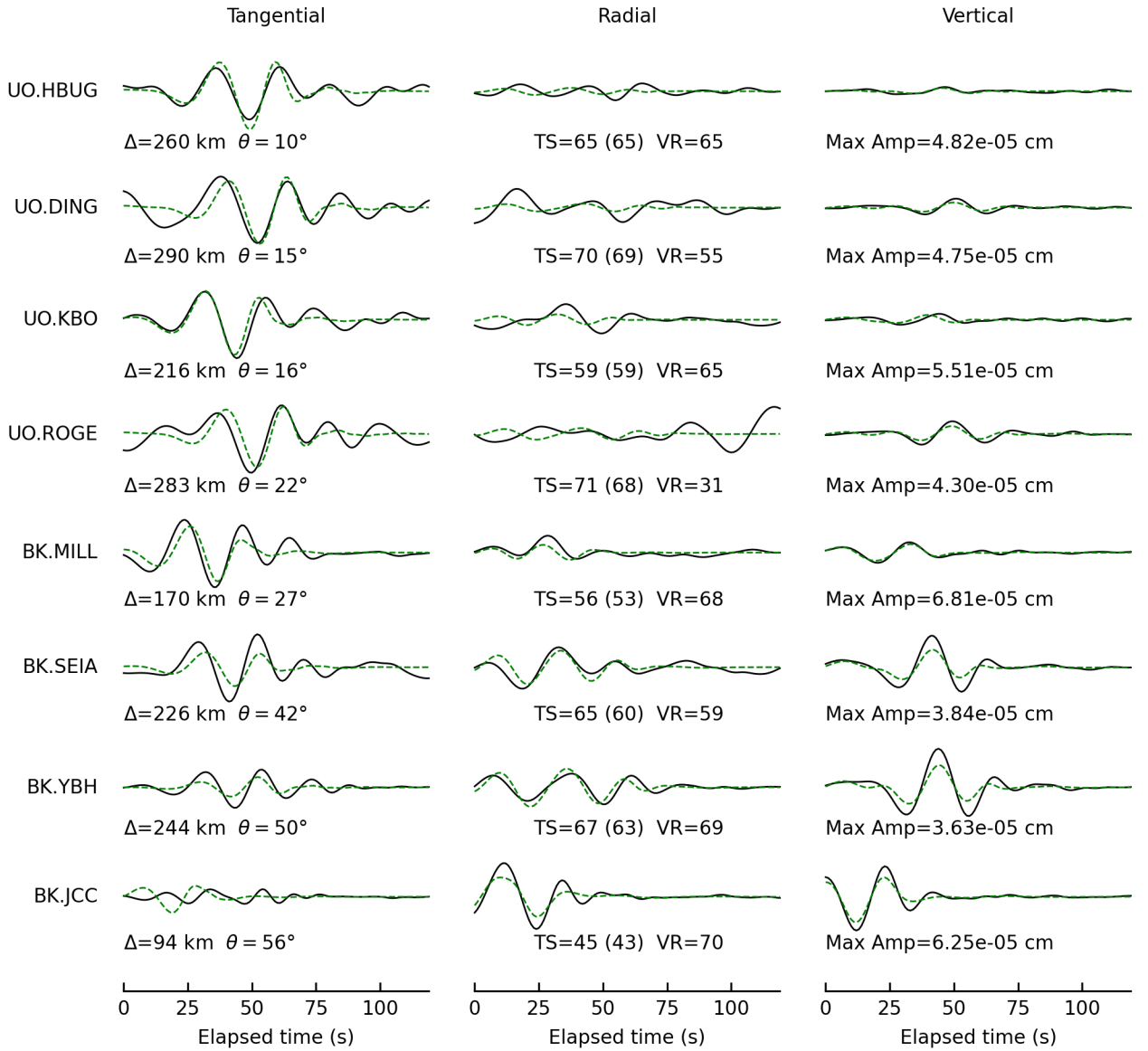

T
R
Z
BK.YBH
Δ = 232km θ = 46°
TS=65 VR=68
Max Amp=1.07e-04 cm
BK.GUMB
Δ = 213km θ = 61°
TS=63 VR=57
Max Amp=1.16e-04 cm
BK.TRIN
Δ = 187km θ = 66°
TS=59 VR=53
Max Amp=1.26e-04 cm
BK.SAGE
Δ = 235km θ = 76°
TS=66 VR=4
Max Amp=1.41e-04 cm
BK.HAYF
Δ = 130km θ = 79°
TS=49 VR=80
Max Amp=2.26e-04 cm
BK.WLKR
Δ = 35km θ = 80°
TS=35 VR=78
Max Amp=4.40e-04 cm
BK.DLIK
Δ = 157km θ = 83°
TS=54 VR=81
Max Amp=2.12e-04 cm
BK.GHOP
Δ = 64km θ = 90°
TS=39 VR=78
Max Amp=3.43e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

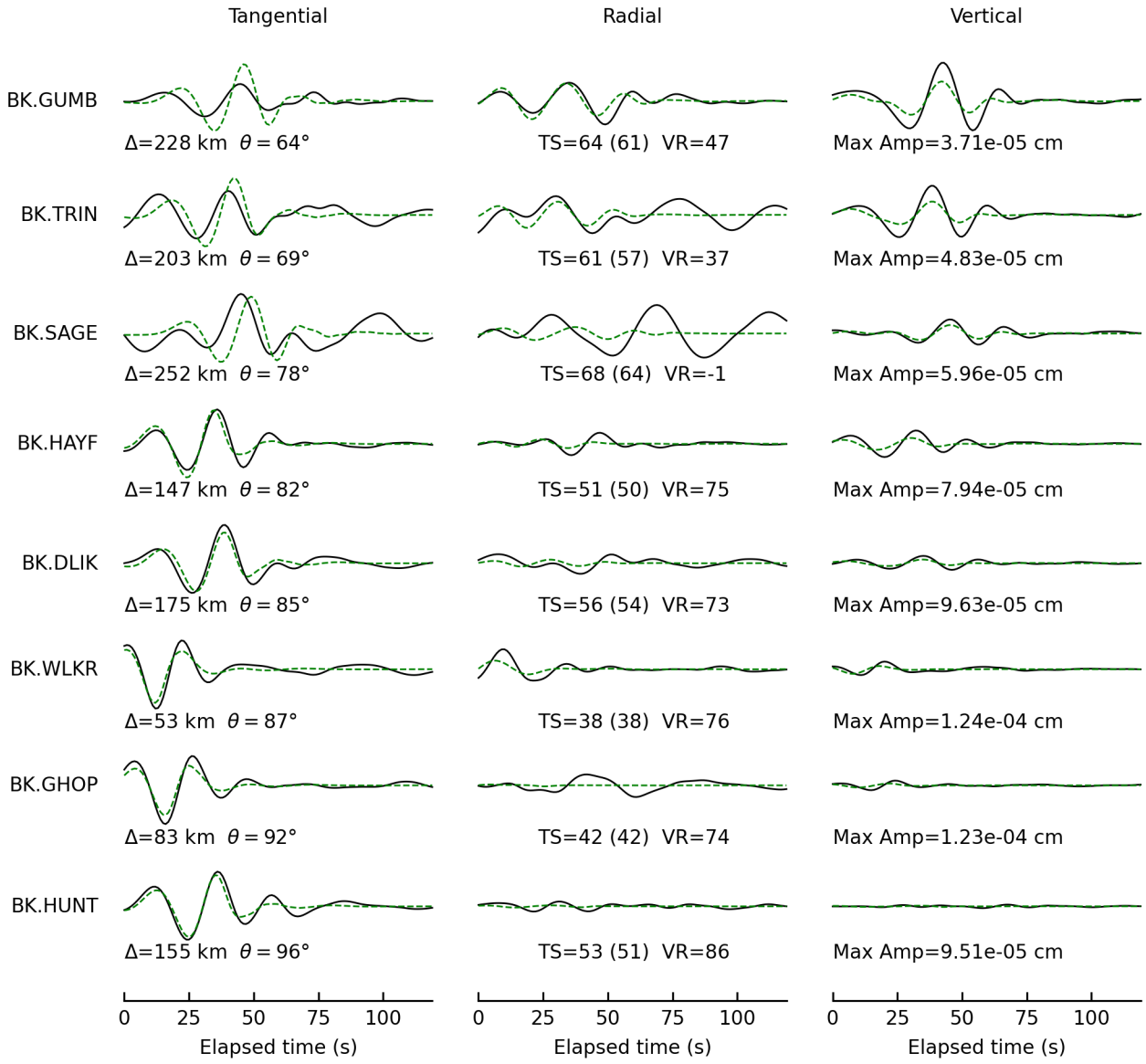

T
R
Z
BK.HUNT
Δ = 136km θ = 95°
TS=51 VR=82
Max Amp=2.70e-04 cm
BK.ORV
Δ = 289km θ = 106°
TS=70 VR=63
Max Amp=1.33e-04 cm
BK.SPRL
Δ = 82km θ = 113°
TS=41 VR=83
Max Amp=1.70e-04 cm
BK.USAL
Δ = 91km θ = 121°
TS=44 VR=76
Max Amp=1.33e-04 cm
NC.KCPC
Δ = 120km θ = 125°
TS=47 VR=72
Max Amp=1.09e-04 cm
BK.ADAM
Δ = 269km θ = 129°
TS=68 VR=20
Max Amp=5.31e-05 cm
BK.ORRS
Δ = 160km θ = 136°
TS=53 VR=63
Max Amp=7.63e-05 cm
BK.BONV
Δ = 189km θ = 141°
TS=59 VR=31
Max Amp=6.81e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

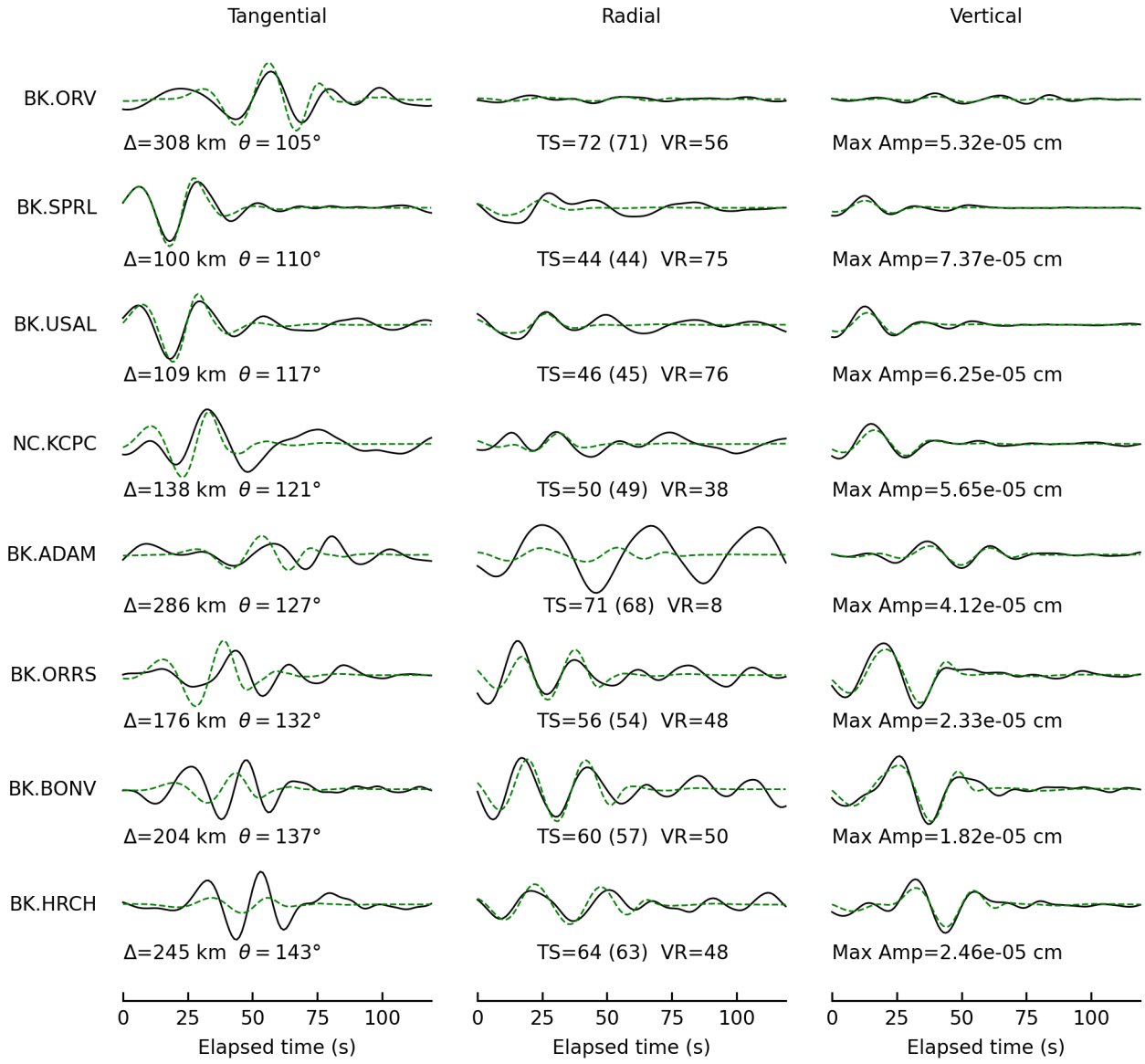

T
R
Z
BK.HRCH
Δ = 231km θ = 146°
TS=61 VR=60
Max Amp=9.59e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75097781
Depth = 5.0 km
Mw = 3.91
M0 = 9.24e+21 dyne-cm
Percent DC/CLVD/ISO = 76/24/0
sdr = (98,78,-153) (1,63,-14)
npts = 120 vred = 7.692 km/s
VR = 53.75% lune:6,0

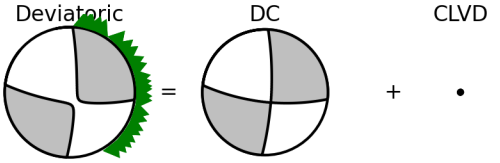


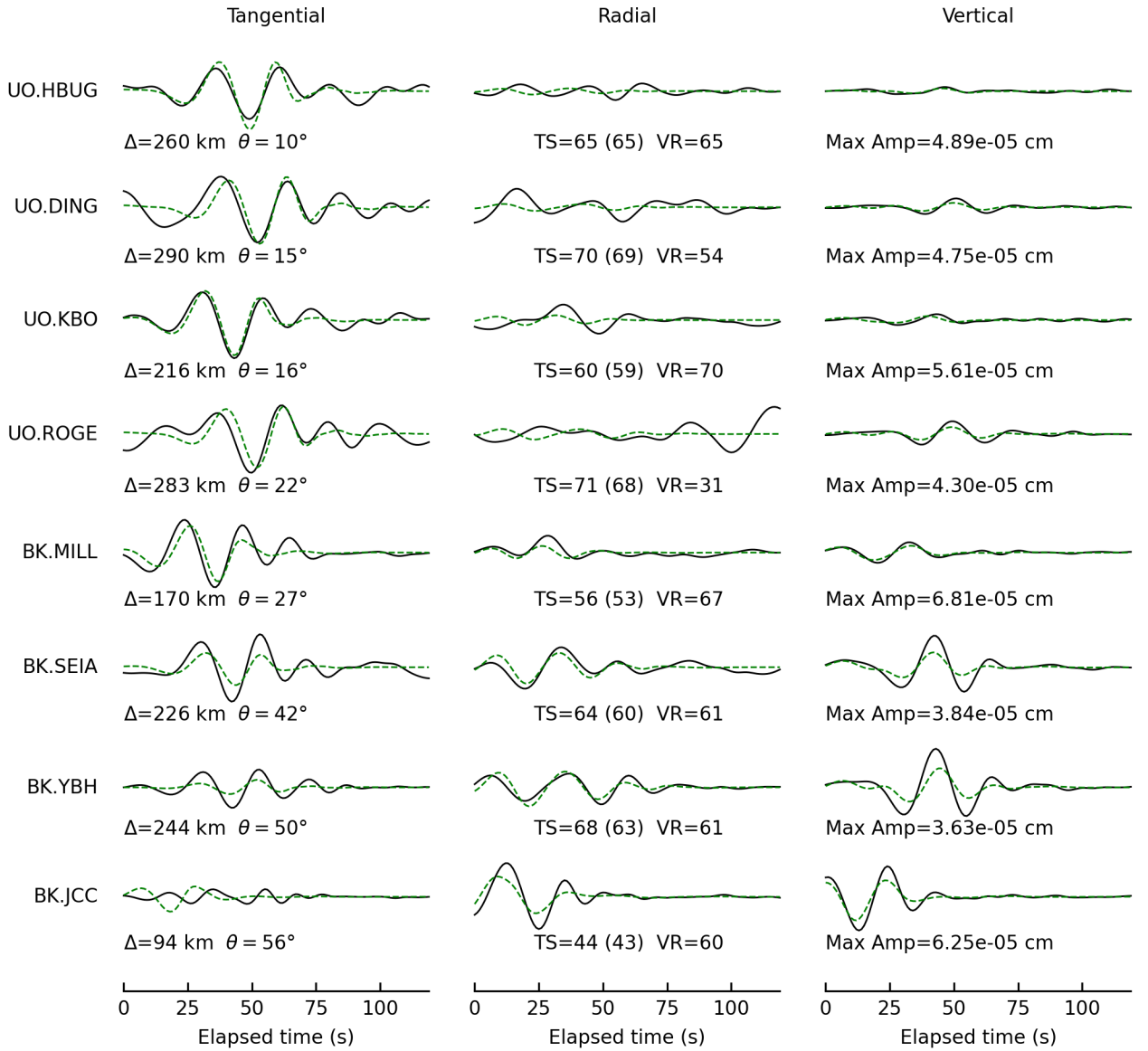


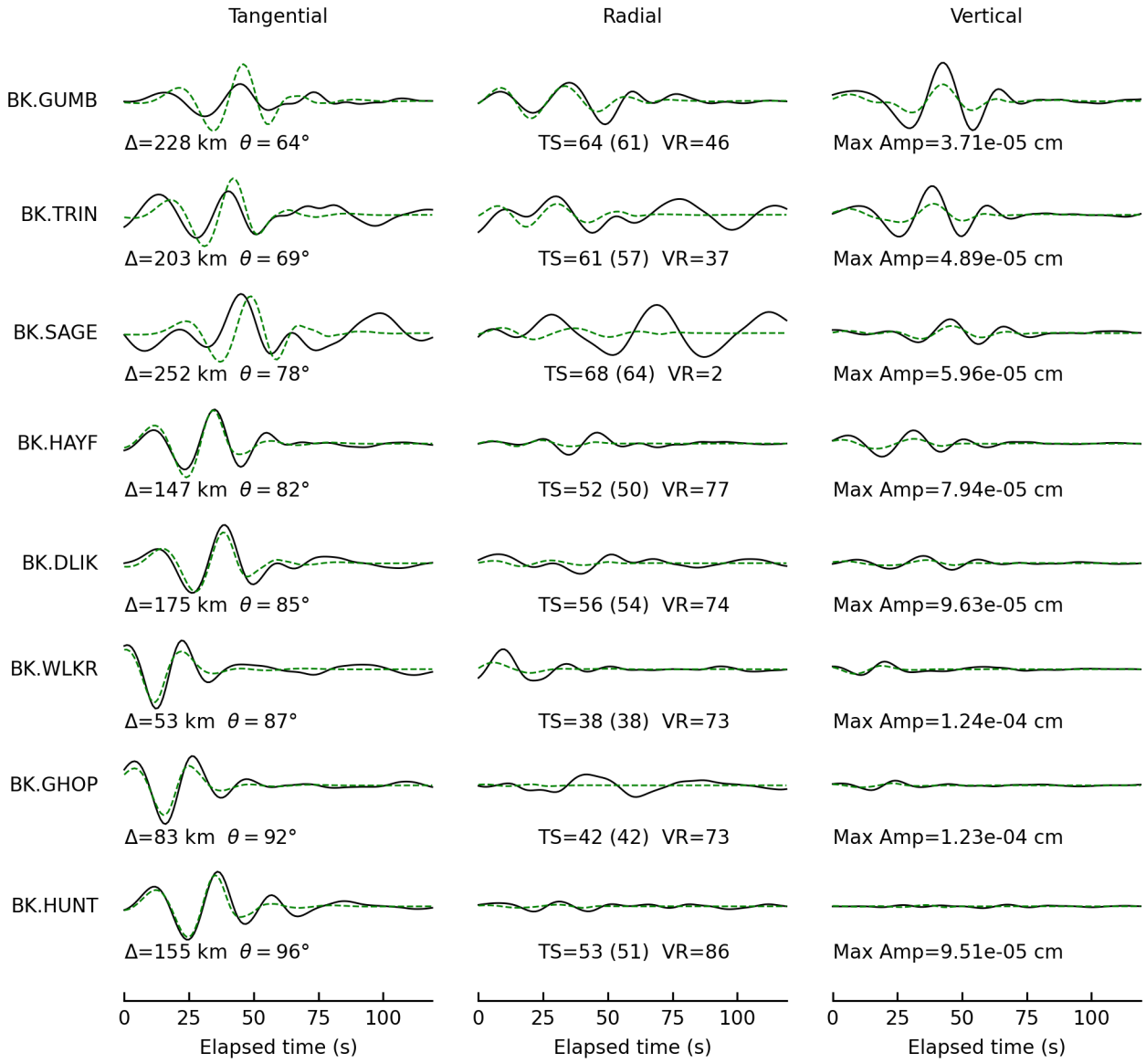

Tangential
Radial
Vertical
BK.GUMB
Δ=228 km θ = 64°
TS=64 (61) VR=47
Max Amp=3.71e-05 cm
BK.TRIN
Δ=203 km θ = 69°
TS=61 (57) VR=37
Max Amp=4.83e-05 cm
BK.SAGE
Δ=252 km θ = 78°
TS=68 (64) VR=-1
Max Amp=5.96e-05 cm
BK.HAYF
Δ=147 km θ = 82°
TS=51 (50) VR=75
Max Amp=7.94e-05 cm
BK.DLIK
Δ=175 km θ = 85°
TS=56 (54) VR=73
Max Amp=9.63e-05 cm
BK.WLKR
Δ=53 km θ = 87°
TS=38 (38) VR=76
Max Amp=1.24e-04 cm
BK.GHOP
Δ=83 km θ = 92°
TS=42 (42) VR=74
Max Amp=1.23e-04 cm
BK.HUNT
Δ=155 km θ = 96°
TS=53 (51) VR=86
Max Amp=9.51e-05 cm
0 25 50 75 100
Elapsed time (s)

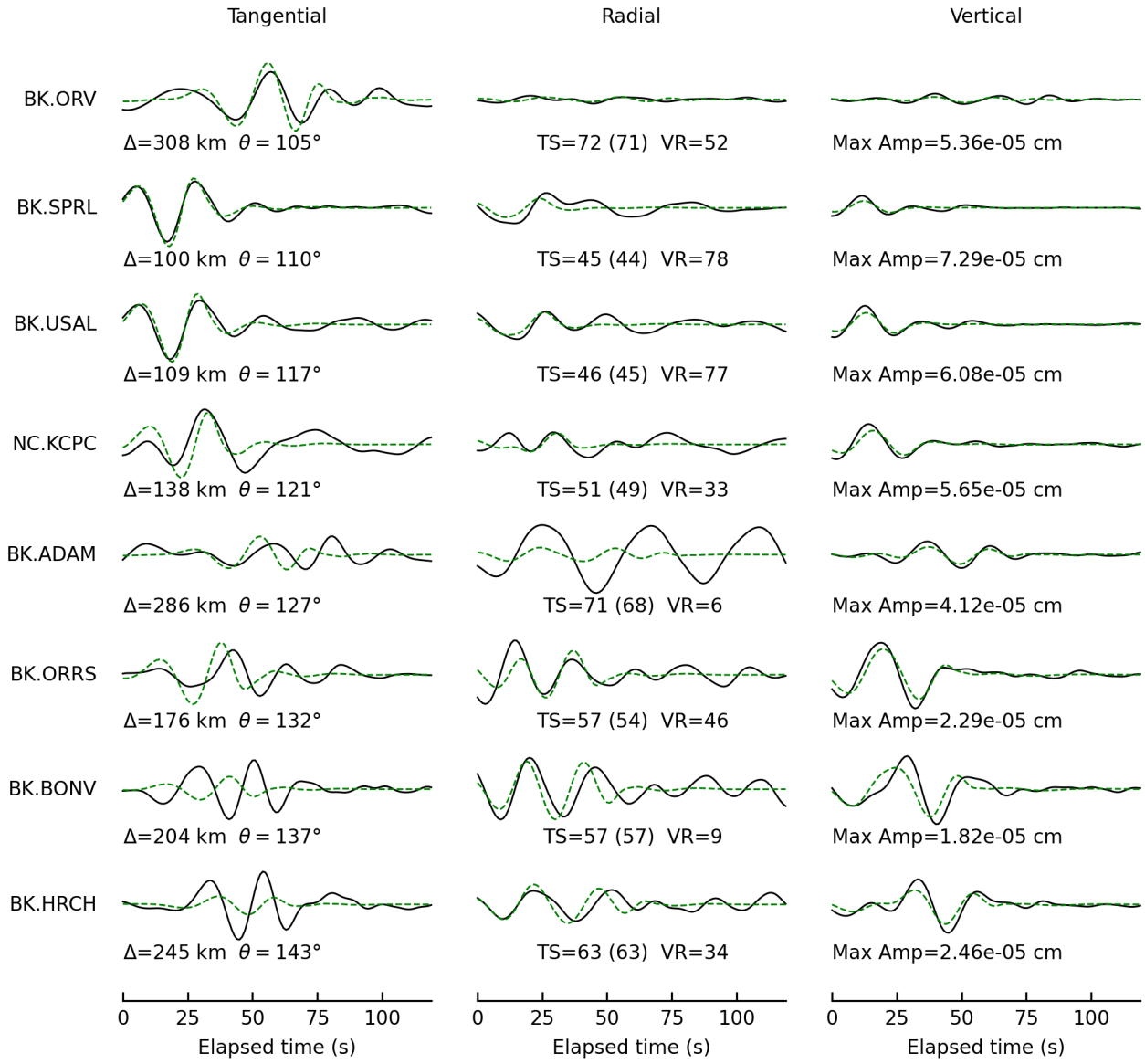

Tangential
Radial
Vertical
BK.ORV
Δ=308 km θ = 105°
TS=72 (71) VR=56
Max Amp=5.32e-05 cm
BK.SPRL
Δ=100 km θ = 110°
TS=44 (44) VR=75
Max Amp=7.37e-05 cm
BK.USAL
Δ=109 km θ = 117°
TS=46 (45) VR=76
Max Amp=6.25e-05 cm
NC.KCPC
Δ=138 km θ = 121°
TS=50 (49) VR=38
Max Amp=5.65e-05 cm
BK.ADAM
Δ=286 km θ = 127°
TS=71 (68) VR=8
Max Amp=4.12e-05 cm
BK.ORRS
Δ=176 km θ = 132°
TS=56 (54) VR=48
Max Amp=2.33e-05 cm
BK.BONV
Δ=204 km θ = 137°
TS=60 (57) VR=50
Max Amp=1.82e-05 cm
BK.HRCH
Δ=245 km θ = 143°
TS=64 (63) VR=48
Max Amp=2.46e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75097781
Depth = 7.0 km
Mw = 3.91
M0 = 9.00e+21 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (96,72,-168) (3,79,-18)
npts = 120 vred = 7.692 km/s
VR = 52.89% lune:-1,0

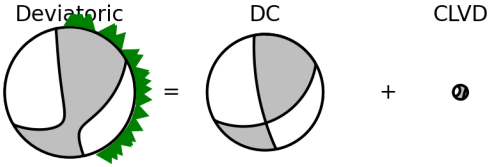


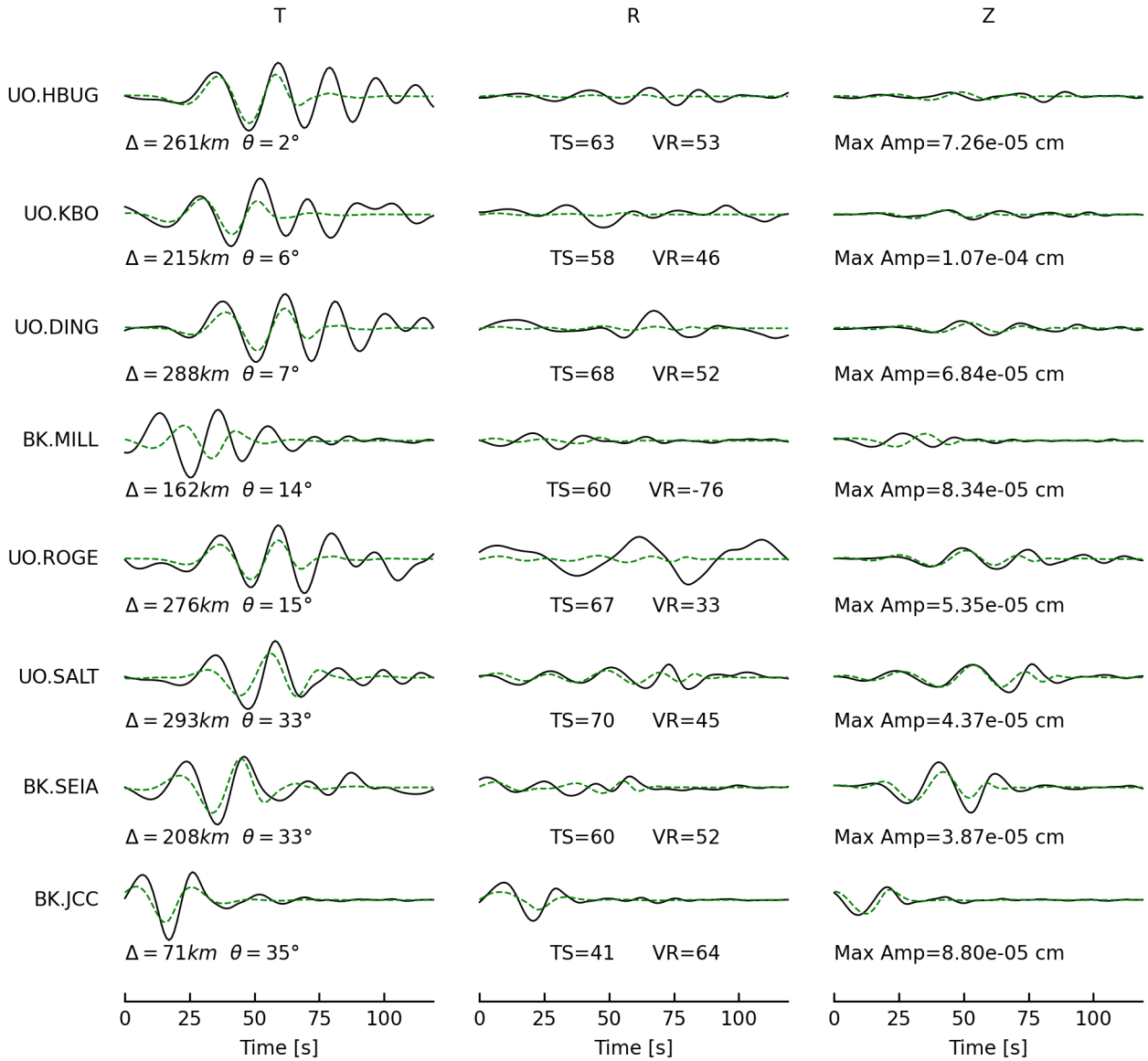


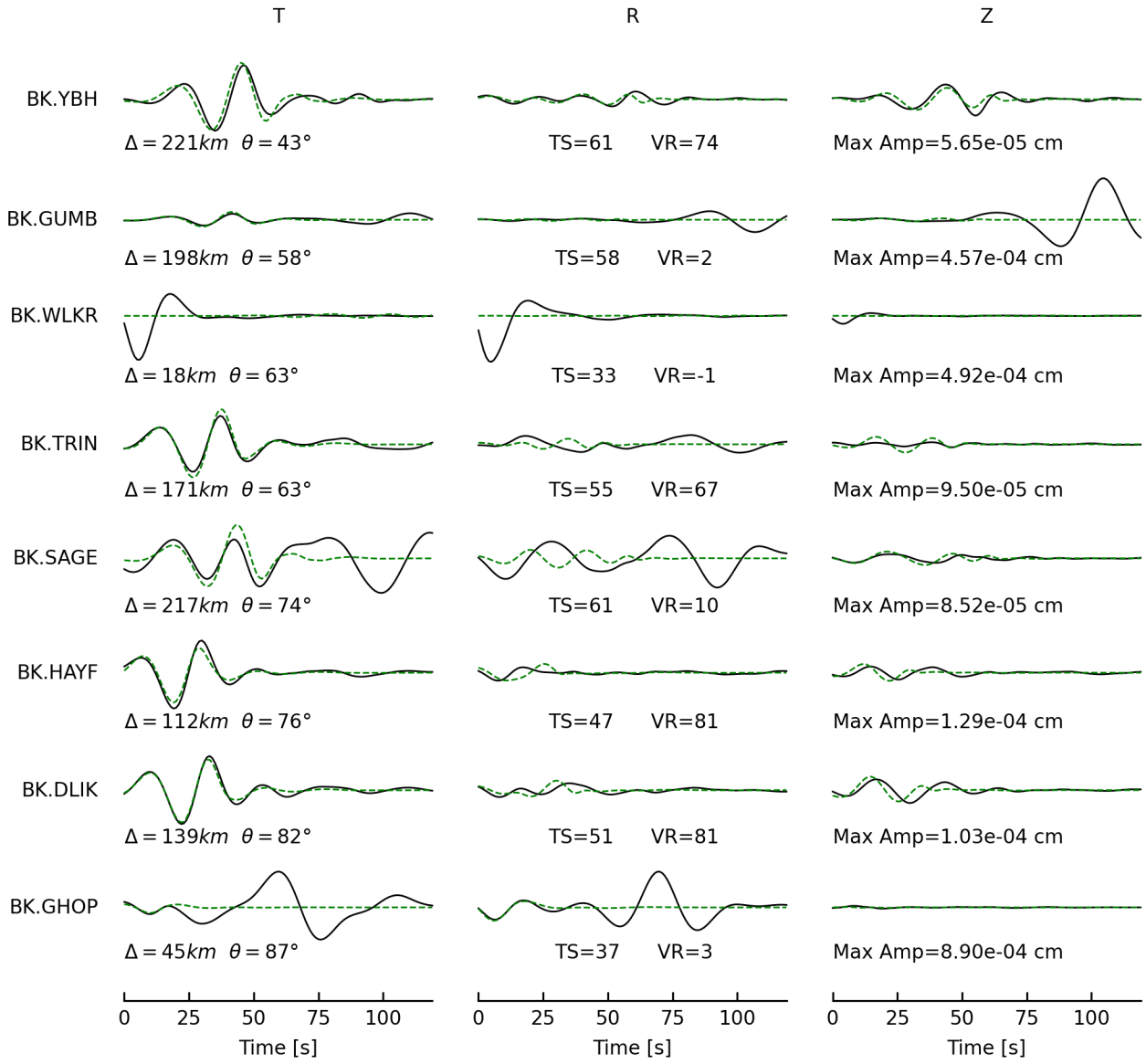

Tangential
Radial
Vertical
BK.GUMB
Δ=228 km θ = 64°
TS=64 (61) VR=46
Max Amp=3.71e-05 cm
BK.TRIN
Δ=203 km θ = 69°
TS=61 (57) VR=37
Max Amp=4.89e-05 cm
BK.SAGE
Δ=252 km θ = 78°
TS=68 (64) VR=2
Max Amp=5.96e-05 cm
BK.HAYF
Δ=147 km θ = 82°
TS=52 (50) VR=77
Max Amp=7.94e-05 cm
BK.DLIK
Δ=175 km θ = 85°
TS=56 (54) VR=74
Max Amp=9.63e-05 cm
BK.WLKR
Δ=53 km θ = 87°
TS=38 (38) VR=73
Max Amp=1.24e-04 cm
BK.GHOP
Δ=83 km θ = 92°
TS=42 (42) VR=73
Max Amp=1.23e-04 cm
BK.HUNT
Δ=155 km θ = 96°
TS=53 (51) VR=86
Max Amp=9.51e-05 cm
0 25 50 75 100
Elapsed time (s)

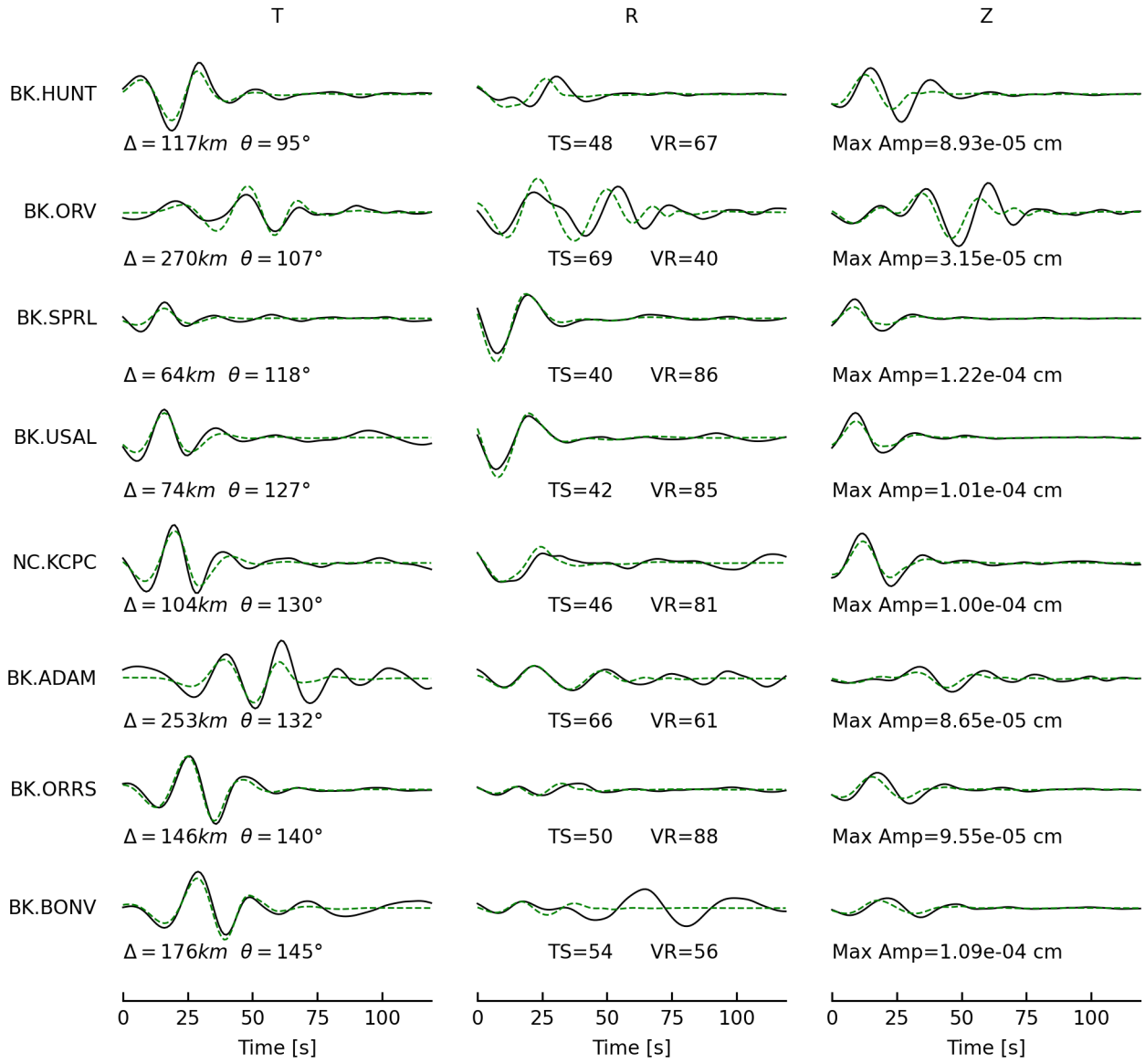

Tangential
Radial
Vertical
BK.ORV
Δ=308 km θ = 105°
TS=72 (71) VR=52
Max Amp=5.36e-05 cm
BK.SPRL
Δ=100 km θ = 110°
TS=45 (44) VR=78
Max Amp=7.29e-05 cm
BK.USAL
Δ=109 km θ = 117°
TS=46 (45) VR=77
Max Amp=6.08e-05 cm
NC.KCPC
Δ=138 km θ = 121°
TS=51 (49) VR=33
Max Amp=5.65e-05 cm
BK.ADAM
Δ=286 km θ = 127°
TS=71 (68) VR=6
Max Amp=4.12e-05 cm
BK.ORRS
Δ=176 km θ = 132°
TS=57 (54) VR=46
Max Amp=2.29e-05 cm
BK.BONV
Δ=204 km θ = 137°
TS=57 (57) VR=9
Max Amp=1.82e-05 cm
BK.HRCH
Δ=245 km θ = 143°
TS=63 (63) VR=34
Max Amp=2.46e-05 cm
0 25 50 75 100
Elapsed time (s)

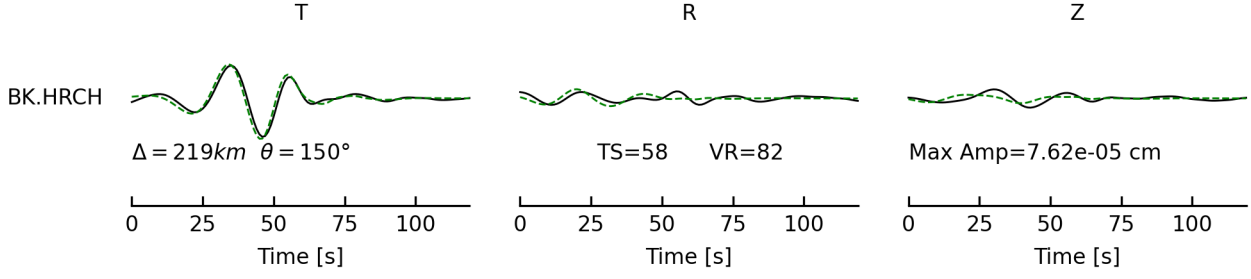
Deviatoric Moment Tensor Inversion
Evid = 75097986
Depth = 8.0 km
Mw = 4.09
M0 = 1.68e+22 dyne-cm
Percent DC/CLVD/ISO = 89/11/0
sdr = (169,77,55) (61,37,158)
npts = 120 vred = 7.692 km/s
VR = 13.60% lune:3,0



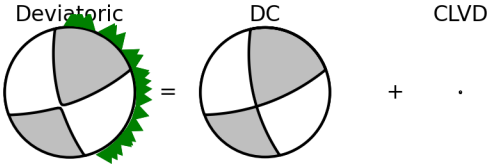


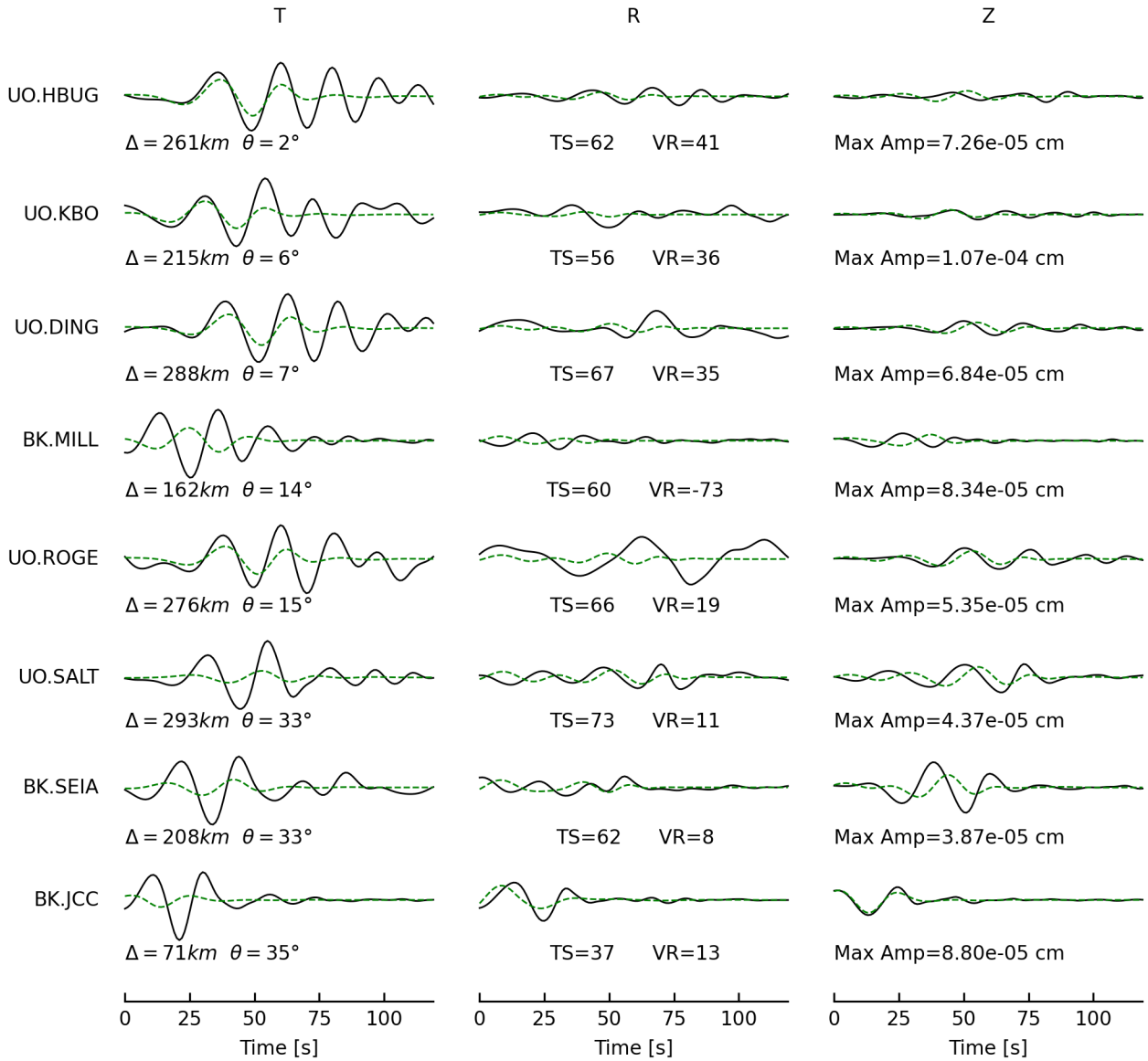

T
R
Z
BK.YBH
Δ = 221km θ = 43°
TS=61 VR=74
Max Amp=5.65e-05 cm
BK.GUMB
Δ = 198km θ = 58°
TS=58 VR=2
Max Amp=4.57e-04 cm
BK.WLKR
Δ = 18km θ = 63°
TS=33 VR=-1
Max Amp=4.92e-04 cm
BK.TRIN
Δ = 171km θ = 63°
TS=55 VR=67
Max Amp=9.50e-05 cm
BK.SAGE
Δ = 217km θ = 74°
TS=61 VR=10
Max Amp=8.52e-05 cm
BK.HAYF
Δ = 112km θ = 76°
TS=47 VR=81
Max Amp=1.29e-04 cm
BK.DLIK
Δ = 139km θ = 82°
TS=51 VR=81
Max Amp=1.03e-04 cm
BK.GHOP
Δ = 45km θ = 87°
TS=37 VR=3
Max Amp=8.90e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

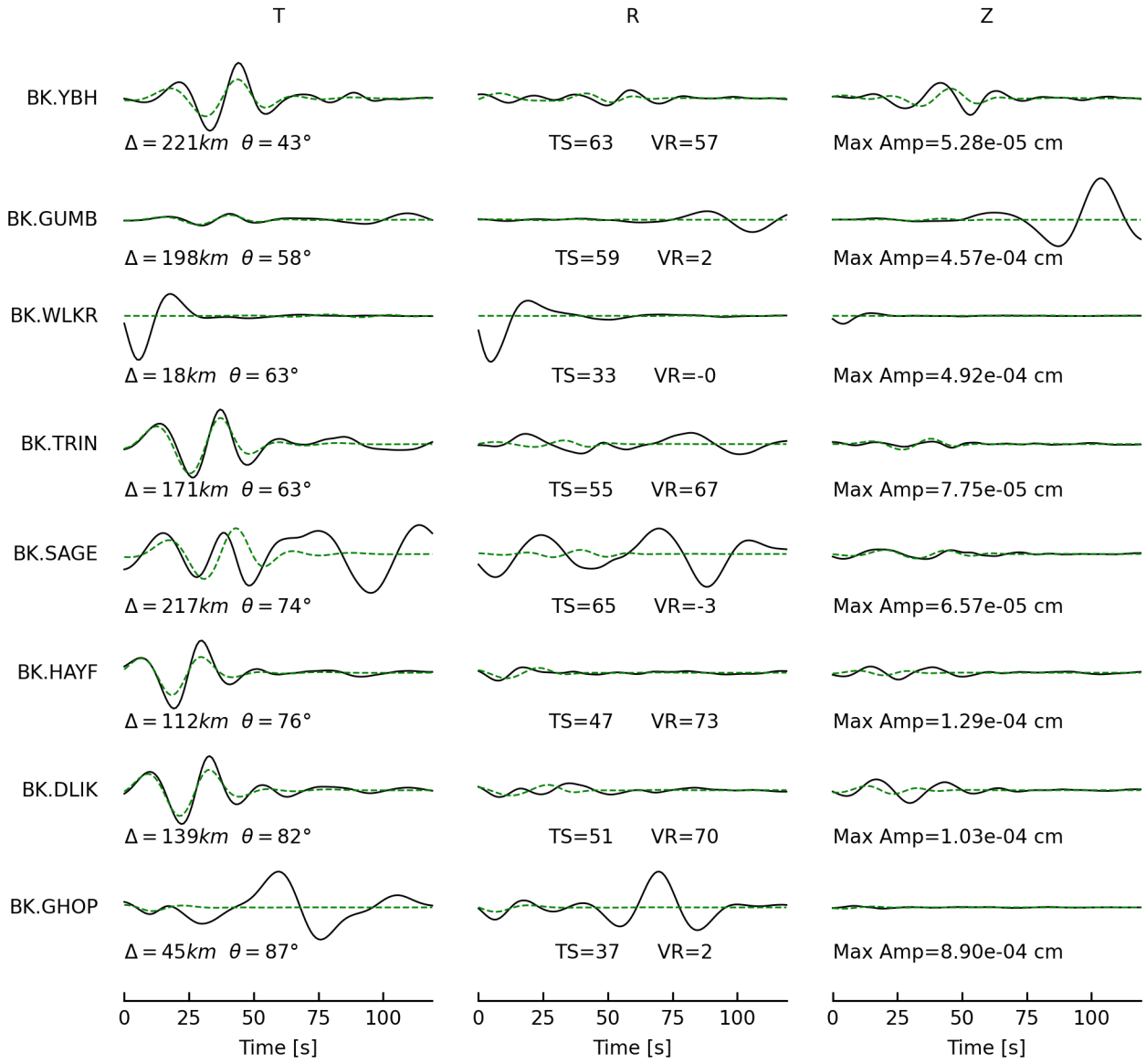

T
R
Z
BK.HUNT
Δ = 117km θ = 95°
TS=48 VR=67
Max Amp=8.93e-05 cm
BK.ORV
Δ = 270km θ = 107°
TS=69 VR=40
Max Amp=3.15e-05 cm
BK.SPRL
Δ = 64km θ = 118°
TS=40 VR=86
Max Amp=1.22e-04 cm
BK.USAL
Δ = 74km θ = 127°
TS=42 VR=85
Max Amp=1.01e-04 cm
NC.KCPC
Δ = 104km θ = 130°
TS=46 VR=81
Max Amp=1.00e-04 cm
BK.ADAM
Δ = 253km θ = 132°
TS=66 VR=61
Max Amp=8.65e-05 cm
BK.ORRS
Δ = 146km θ = 140°
TS=50 VR=88
Max Amp=9.55e-05 cm
BK.BONV
Δ = 176km θ = 145°
TS=54 VR=56
Max Amp=1.09e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

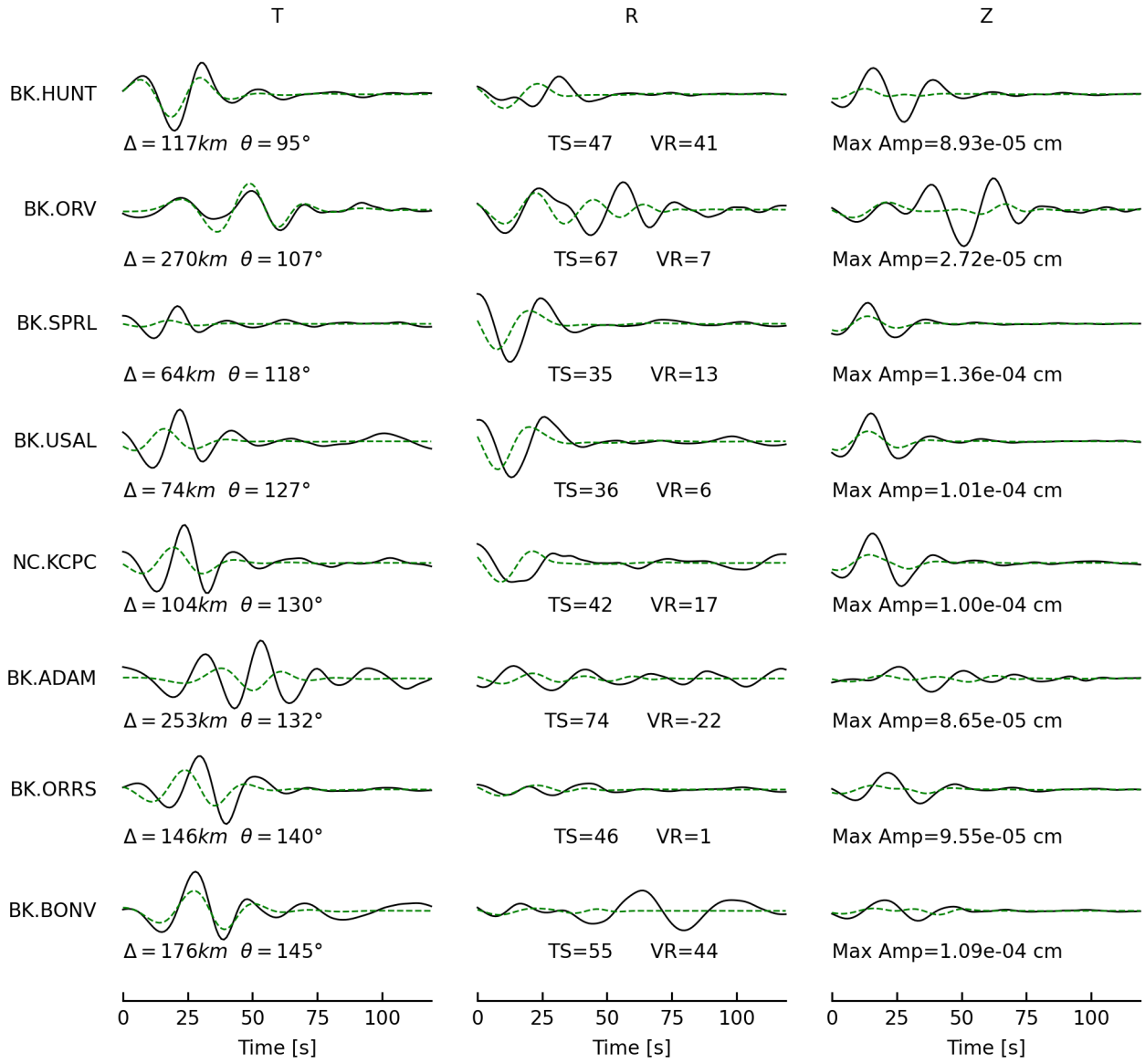

T
R
Z
BK.HRCH
Δ = 219km θ = 150°
TS=58 VR=82
Max Amp=7.62e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

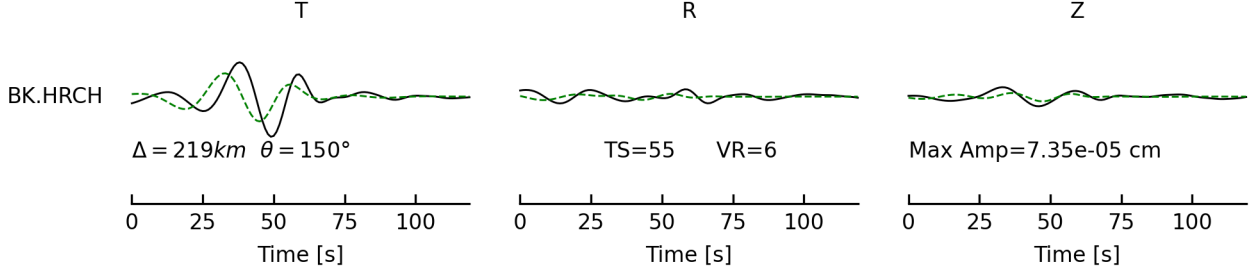
Deviatoric Moment Tensor Inversion
Evid = 75097986
Depth = 26.0 km
Mw = 4.07
M0 = 1.57e+22 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (167,69,20) (70,71,158)
npts = 120 vred = 7.692 km/s
VR = 5.64% lune:0,0



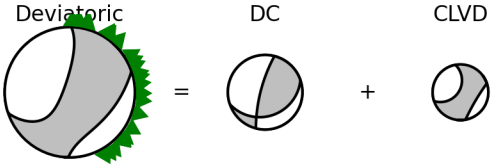


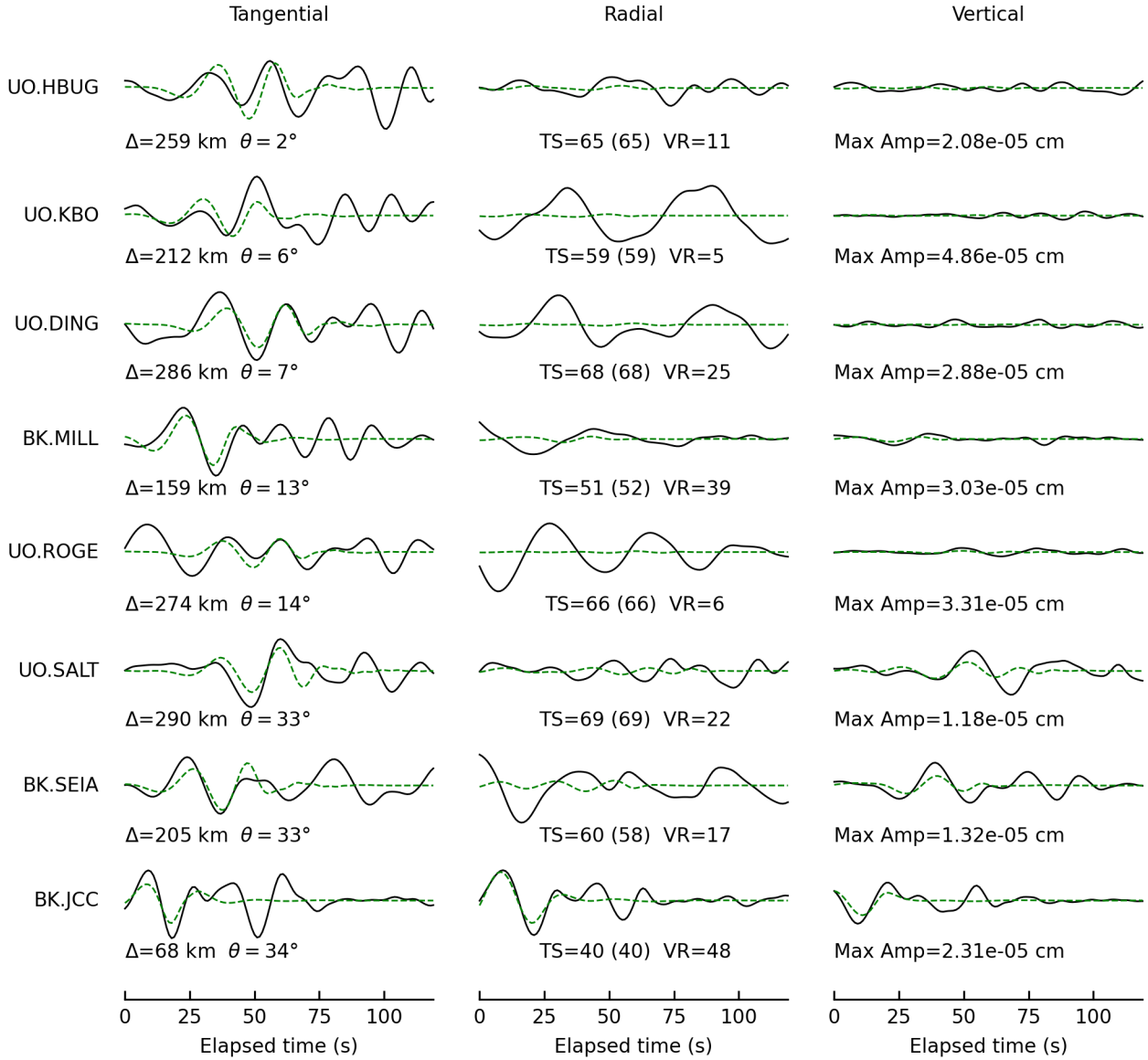

T
R
Z
BK.YBH
Δ = 221km θ = 43°
TS=63 VR=57
Max Amp=5.28e-05 cm
BK.GUMB
Δ = 198km θ = 58°
TS=59 VR=2
Max Amp=4.57e-04 cm
BK.WLKR
Δ = 18km θ = 63°
TS=33 VR=-0
Max Amp=4.92e-04 cm
BK.TRIN
Δ = 171km θ = 63°
TS=55 VR=67
Max Amp=7.75e-05 cm
BK.SAGE
Δ = 217km θ = 74°
TS=65 VR=-3
Max Amp=6.57e-05 cm
BK.HAYF
Δ = 112km θ = 76°
TS=47 VR=73
Max Amp=1.29e-04 cm
BK.DLIK
Δ = 139km θ = 82°
TS=51 VR=70
Max Amp=1.03e-04 cm
BK.GHOP
Δ = 45km θ = 87°
TS=37 VR=2
Max Amp=8.90e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

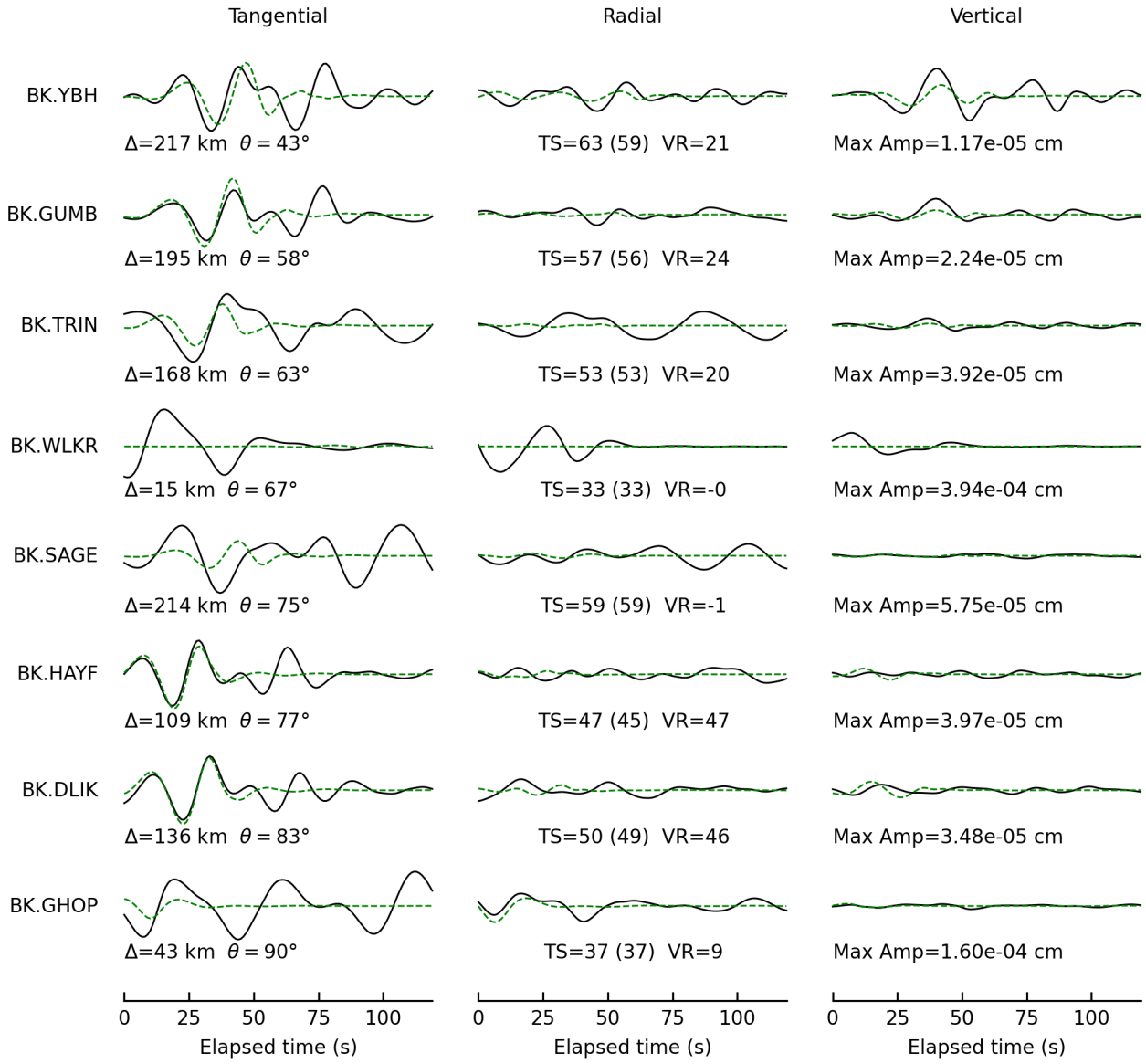

T
R
Z
BK.HUNT
Δ = 117km θ = 95°
TS=47 VR=41
Max Amp=8.93e-05 cm
BK.ORV
Δ = 270km θ = 107°
TS=67 VR=7
Max Amp=2.72e-05 cm
BK.SPRL
Δ = 64km θ = 118°
TS=35 VR=13
Max Amp=1.36e-04 cm
BK.USAL
Δ = 74km θ = 127°
TS=36 VR=6
Max Amp=1.01e-04 cm
NC.KCPC
Δ = 104km θ = 130°
TS=42 VR=17
Max Amp=1.00e-04 cm
BK.ADAM
Δ = 253km θ = 132°
TS=74 VR=-22
Max Amp=8.65e-05 cm
BK.ORRS
Δ = 146km θ = 140°
TS=46 VR=1
Max Amp=9.55e-05 cm
BK.BONV
Δ = 176km θ = 145°
TS=55 VR=44
Max Amp=1.09e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

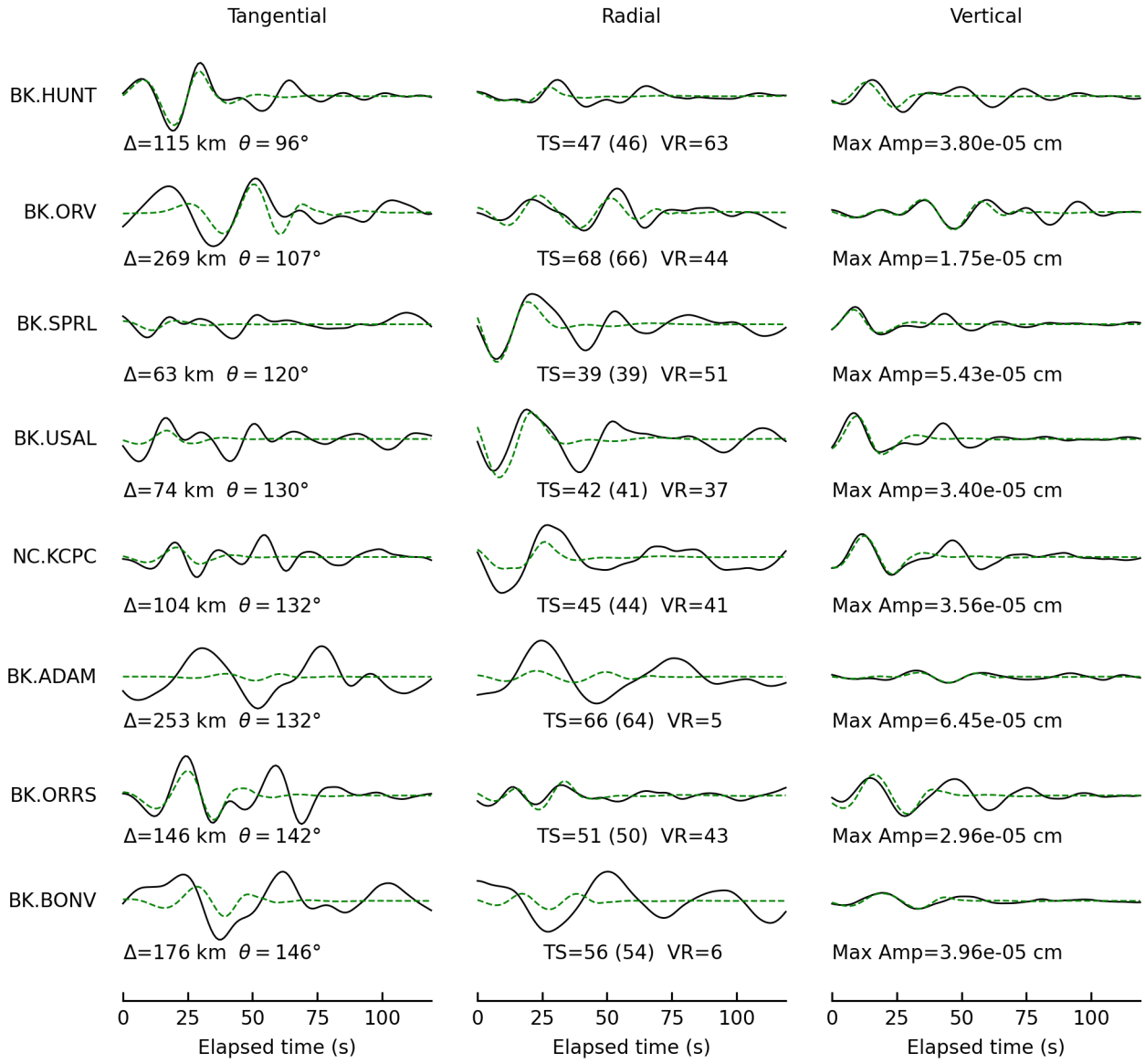

T
R
Z
BK.HRCH
Δ = 219km θ = 150°
TS=55 VR=6
Max Amp=7.35e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

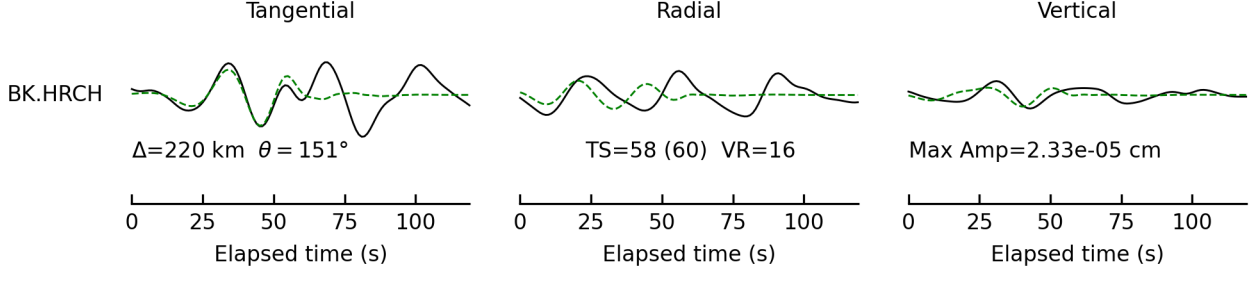
Deviatoric Moment Tensor Inversion
Evid = 75097991
Depth = 5.0 km
Mw = 3.77
M0 = 5.65e+21 dyne-cm
Percent DC/CLVD/ISO = 57/43/0
sdr = (194,76,70) (71,24,144)
npts = 120 vred = 7.692 km/s
VR = 10.76% lune:12,0



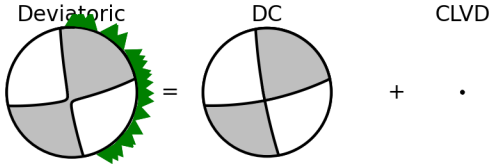


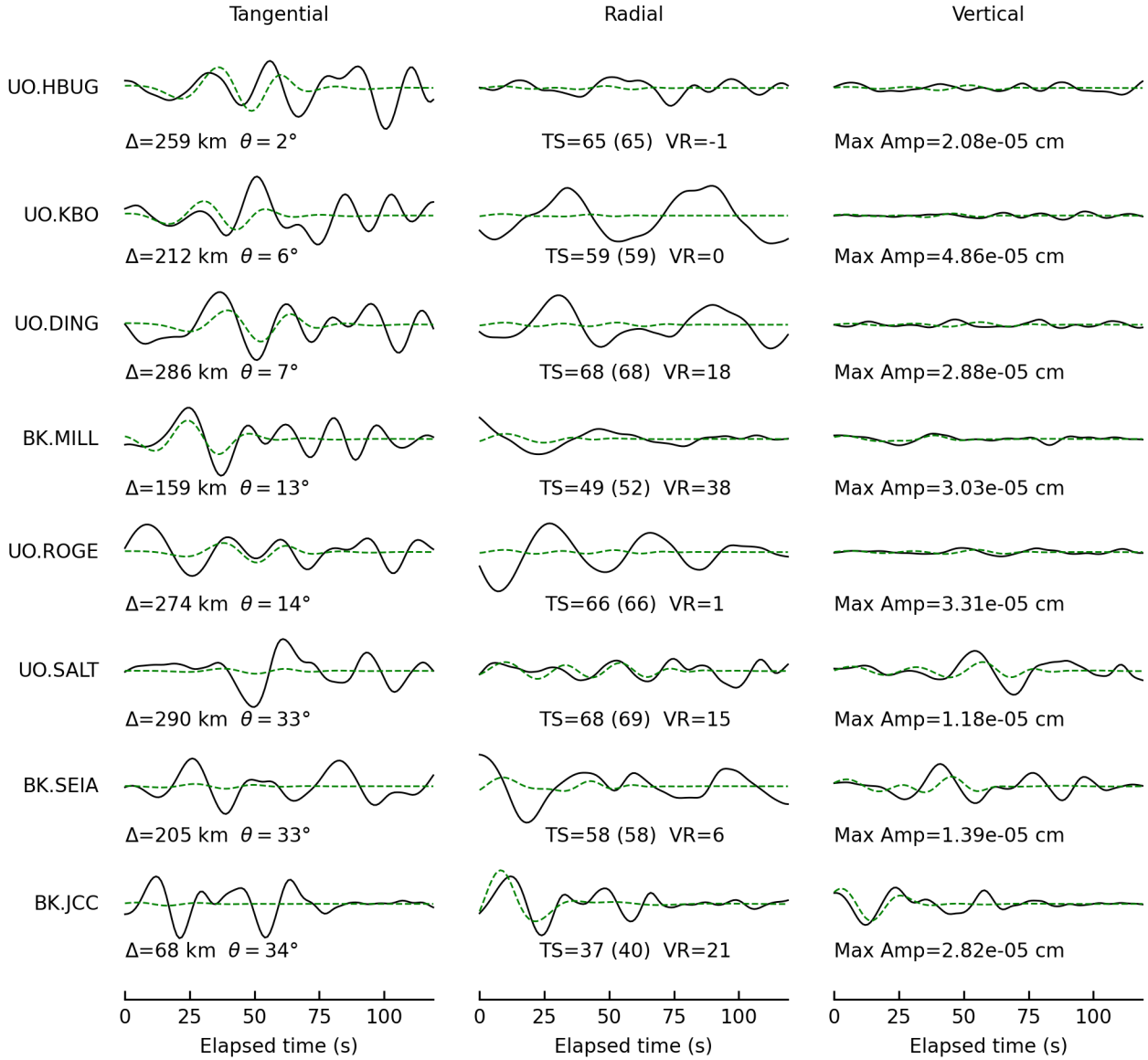

Tangential
Radial
Vertical
BK.YBH
Δ=217 km θ = 43°
TS=63 (59) VR=21
Max Amp=1.17e-05 cm
BK.GUMB
Δ=195 km θ = 58°
TS=57 (56) VR=24
Max Amp=2.24e-05 cm
BK.TRIN
Δ=168 km θ = 63°
TS=53 (53) VR=20
Max Amp=3.92e-05 cm
BK.WLKR
Δ=15 km θ = 67°
TS=33 (33) VR=-0
Max Amp=3.94e-04 cm
BK.SAGE
Δ=214 km θ = 75°
TS=59 (59) VR=-1
Max Amp=5.75e-05 cm
BK.HAYF
Δ=109 km θ = 77°
TS=47 (45) VR=47
Max Amp=3.97e-05 cm
BK.DLIK
Δ=136 km θ = 83°
TS=50 (49) VR=46
Max Amp=3.48e-05 cm
BK.GHOP
Δ=43 km θ = 90°
TS=37 (37) VR=9
Max Amp=1.60e-04 cm
0 25 50 75 100
Elapsed time (s)

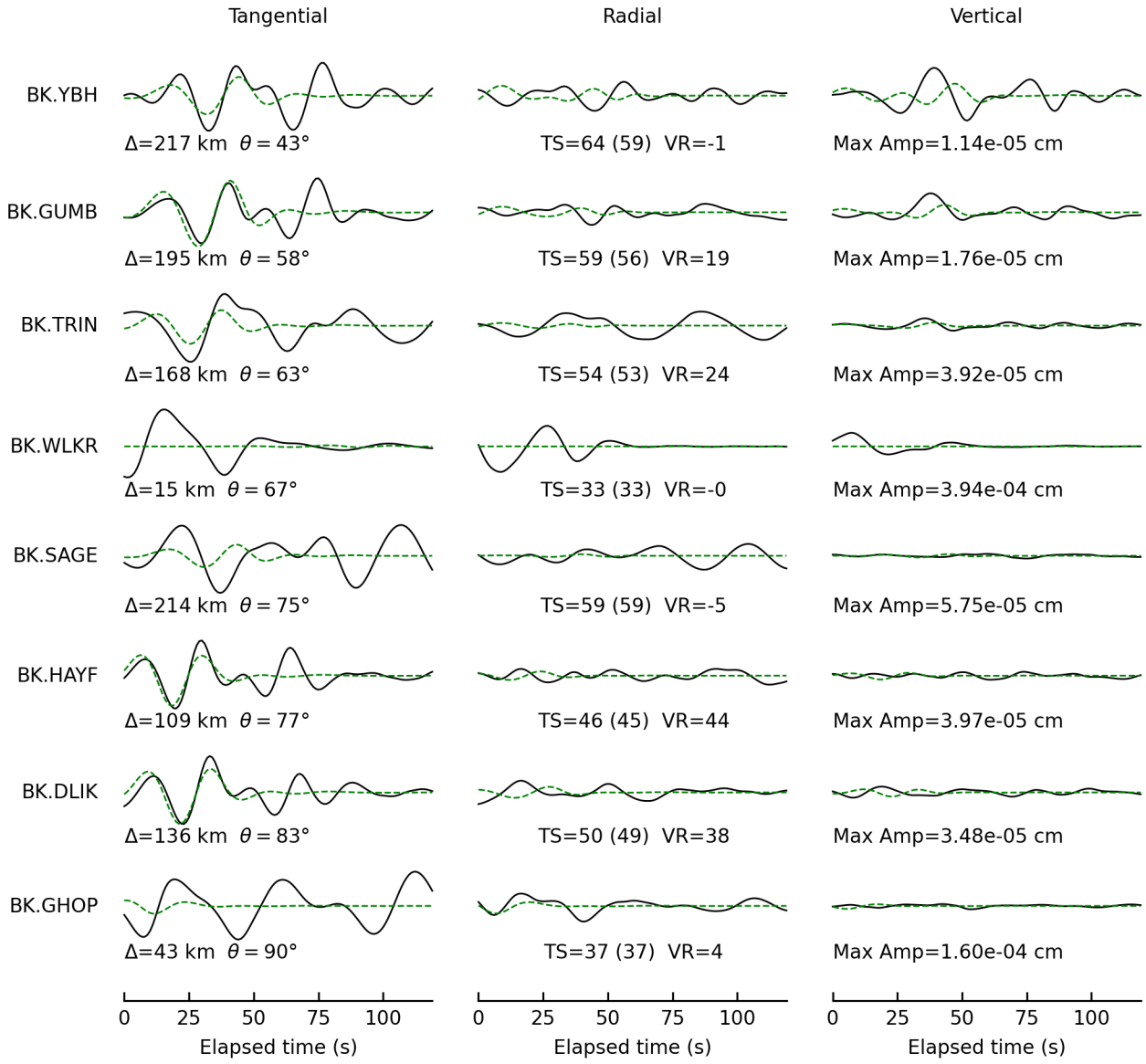

Tangential
Radial
Vertical
BK.HUNT
Δ=115 km θ = 96°
TS=47 (46) VR=63
Max Amp=3.80e-05 cm
BK.ORV
Δ=269 km θ = 107°
TS=68 (66) VR=44
Max Amp=1.75e-05 cm
BK.SPRL
Δ=63 km θ = 120°
TS=39 (39) VR=51
Max Amp=5.43e-05 cm
BK.USAL
Δ=74 km θ = 130°
TS=42 (41) VR=37
Max Amp=3.40e-05 cm
NC.KCPC
Δ=104 km θ = 132°
TS=45 (44) VR=41
Max Amp=3.56e-05 cm
BK.ADAM
Δ=253 km θ = 132°
TS=66 (64) VR=5
Max Amp=6.45e-05 cm
BK.ORRS
Δ=146 km θ = 142°
TS=51 (50) VR=43
Max Amp=2.96e-05 cm
BK.BONV
Δ=176 km θ = 146°
TS=56 (54) VR=6
Max Amp=3.96e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

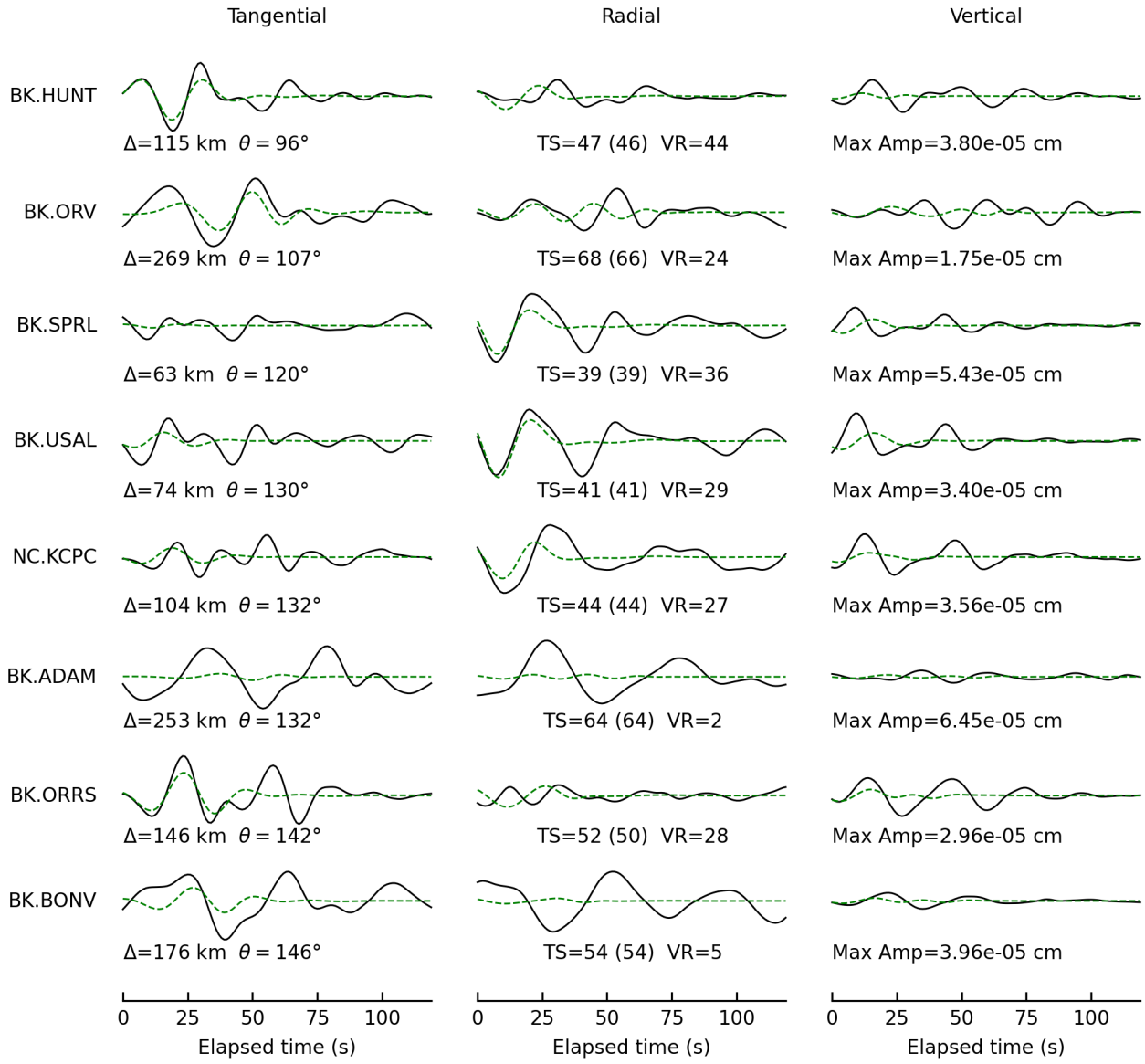

Tangential
Radial
Vertical
BK.HRCH
Δ=220 km θ = 151°
TS=58 (60) VR=16
Max Amp=2.33e-05 cm
0
25
50
75
100
Elapsed time (s)

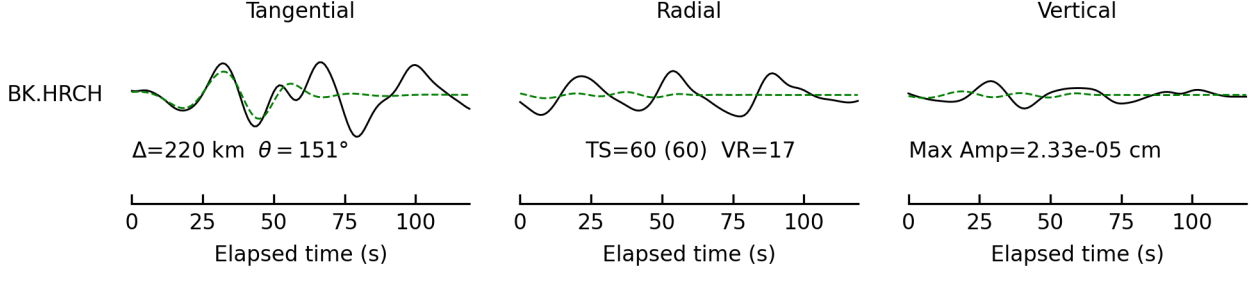
Deviatoric Moment Tensor Inversion
Evid = 75097991
Depth = 31.0 km
Mw = 3.79
M0 = 6.09e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (170,83,14) (78,77,173)
npts = 120 vred = 7.692 km/s
VR = 6.55% lune:0,0



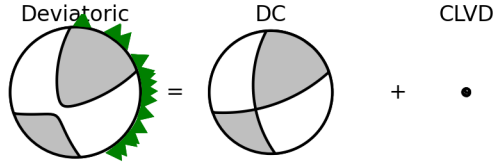


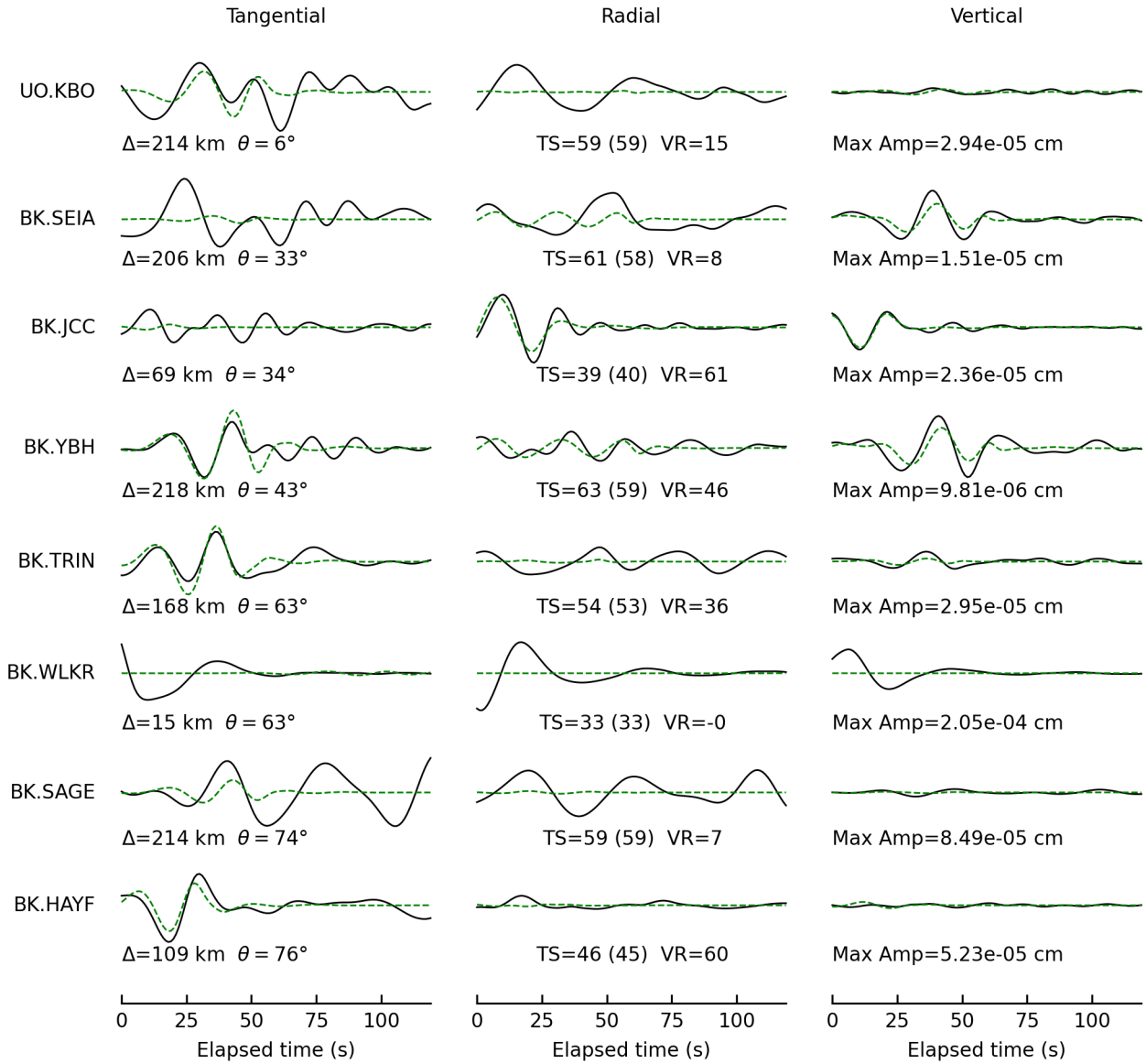

Tangential
Radial
Vertical
BK.YBH
Δ=217 km θ = 43°
TS=64 (59) VR=-1
Max Amp=1.14e-05 cm
BK.GUMB
Δ=195 km θ = 58°
TS=59 (56) VR=19
Max Amp=1.76e-05 cm
BK.TRIN
Δ=168 km θ = 63°
TS=54 (53) VR=24
Max Amp=3.92e-05 cm
BK.WLKR
Δ=15 km θ = 67°
TS=33 (33) VR=-0
Max Amp=3.94e-04 cm
BK.SAGE
Δ=214 km θ = 75°
TS=59 (59) VR=-5
Max Amp=5.75e-05 cm
BK.HAYF
Δ=109 km θ = 77°
TS=46 (45) VR=44
Max Amp=3.97e-05 cm
BK.DLIK
Δ=136 km θ = 83°
TS=50 (49) VR=38
Max Amp=3.48e-05 cm
BK.GHOP
Δ=43 km θ = 90°
TS=37 (37) VR=4
Max Amp=1.60e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

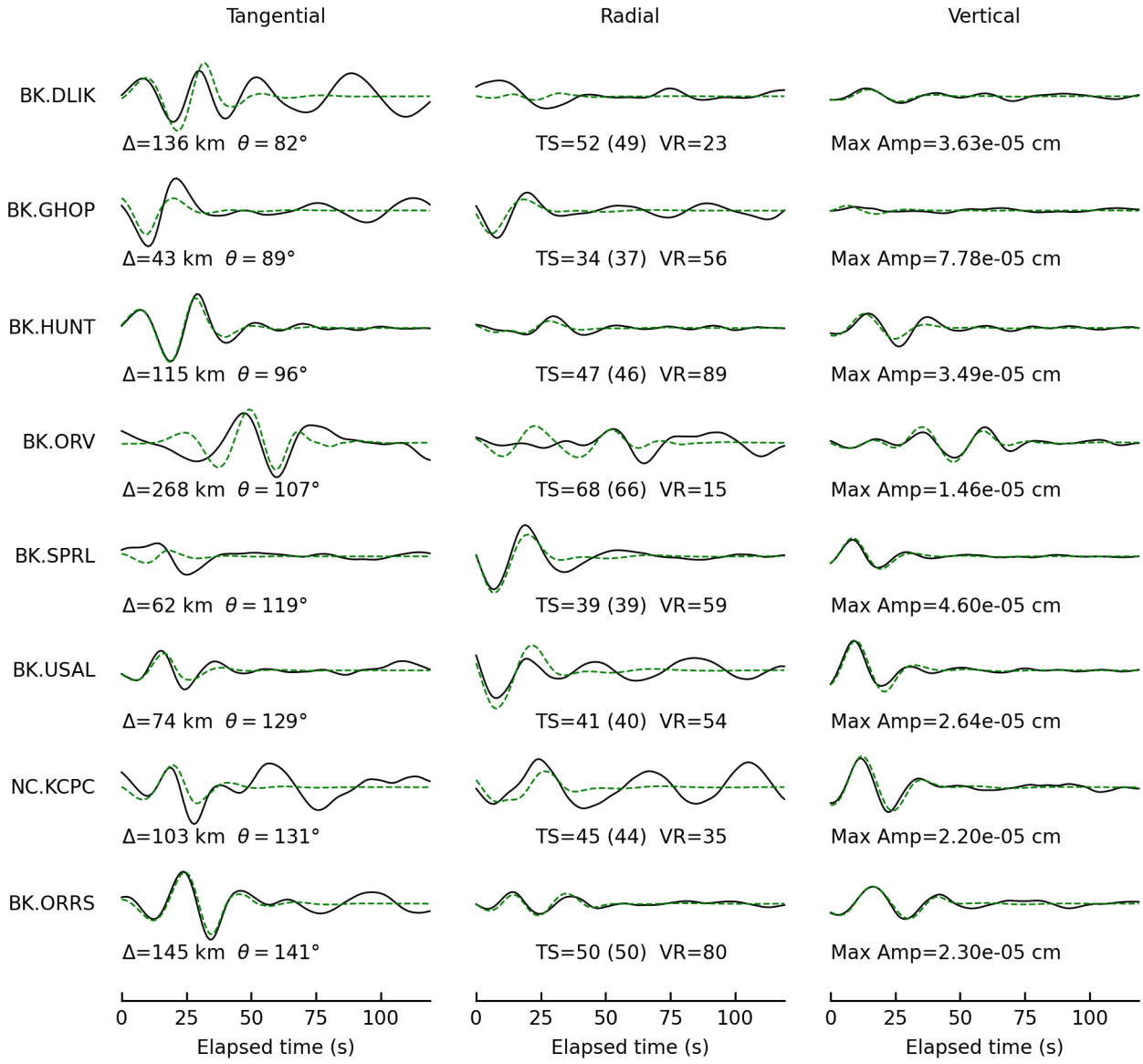

Tangential
Radial
Vertical
BK.HUNT
Δ=115 km θ = 96°
TS=47 (46) VR=44
Max Amp=3.80e-05 cm
BK.ORV
Δ=269 km θ = 107°
TS=68 (66) VR=24
Max Amp=1.75e-05 cm
BK.SPRL
Δ=63 km θ = 120°
TS=39 (39) VR=36
Max Amp=5.43e-05 cm
BK.USAL
Δ=74 km θ = 130°
TS=41 (41) VR=29
Max Amp=3.40e-05 cm
NC.KCPC
Δ=104 km θ = 132°
TS=44 (44) VR=27
Max Amp=3.56e-05 cm
BK.ADAM
Δ=253 km θ = 132°
TS=64 (64) VR=2
Max Amp=6.45e-05 cm
BK.ORRS
Δ=146 km θ = 142°
TS=52 (50) VR=28
Max Amp=2.96e-05 cm
BK.BONV
Δ=176 km θ = 146°
TS=54 (54) VR=5
Max Amp=3.96e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

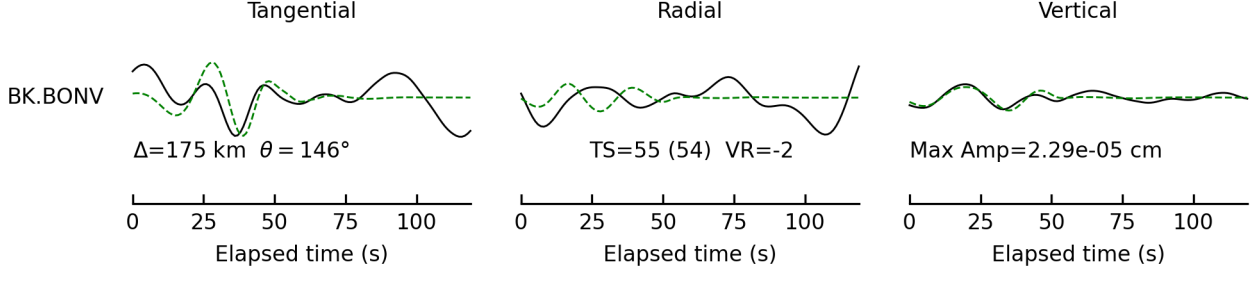

Tangential
Radial
Vertical
BK.HRCH
Δ=220 km θ = 151°
TS=60 (60) VR=17
Max Amp=2.33e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75098061
Depth = 6.0 km
Mw = 3.70
M0 = 4.38e+21 dyne-cm
Percent DC/CLVD/ISO = 94/6/0
sdr = (176,58,27) (71,67,145)
npts = 120 vred = 7.692 km/s
VR = 15.96% lune:-1,0

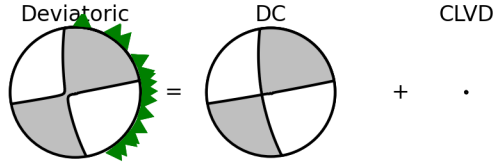


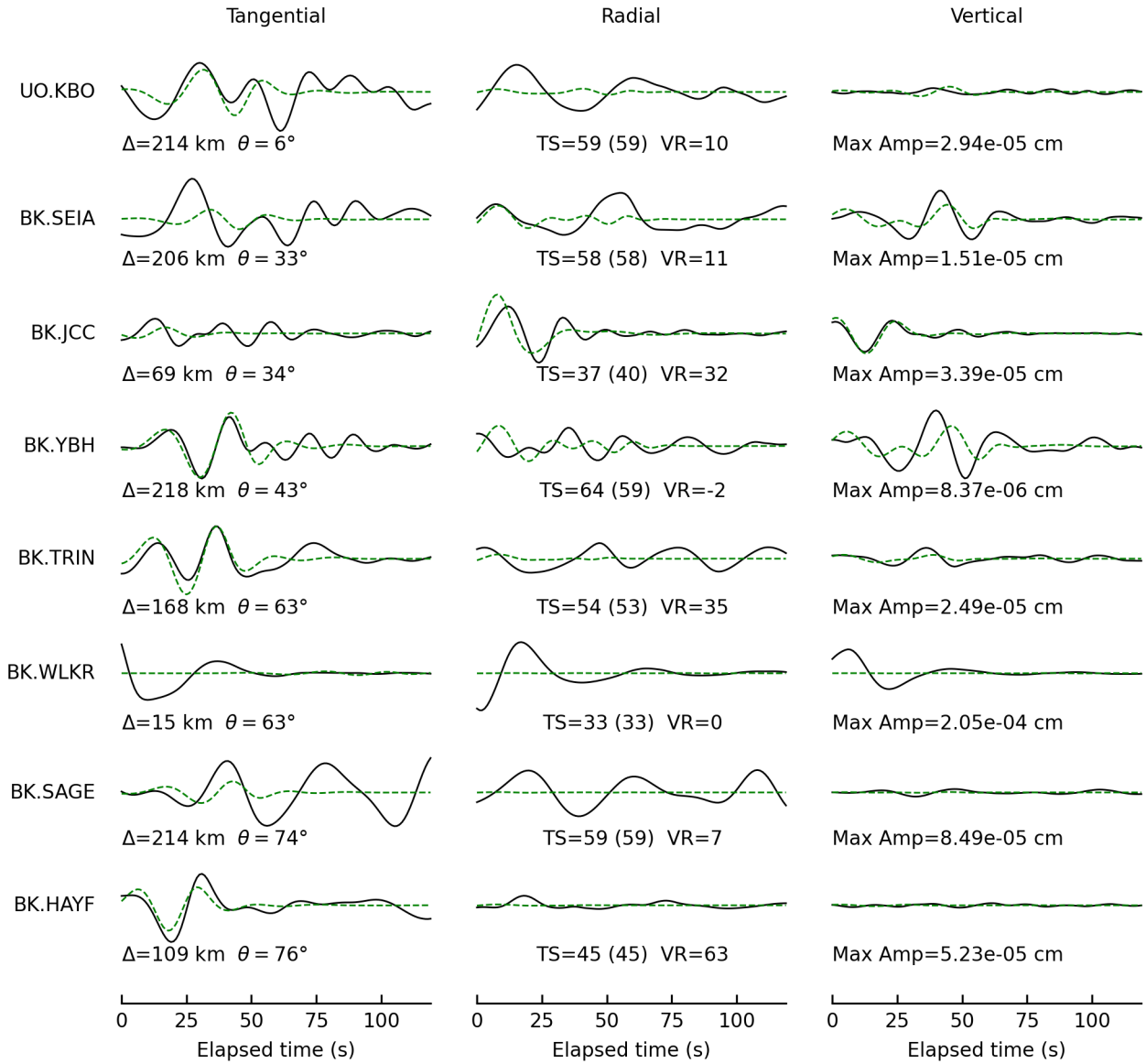


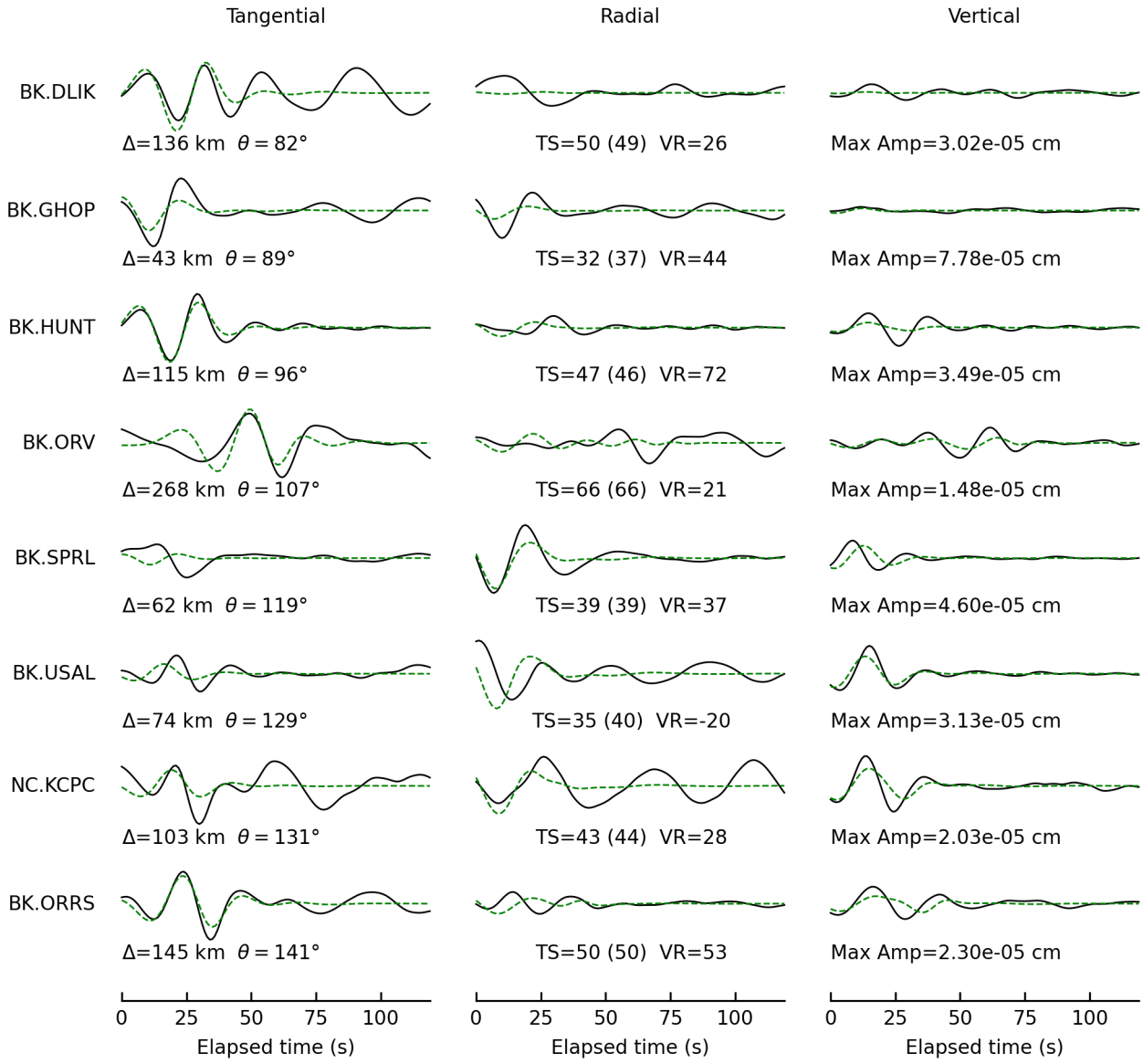

Tangential
Radial
Vertical
BK.DLIK
Δ=136 km θ = 82°
TS=52 (49) VR=23
Max Amp=3.63e-05 cm
BK.GHOP
Δ=43 km θ = 89°
TS=34 (37) VR=56
Max Amp=7.78e-05 cm
BK.HUNT
Δ=115 km θ = 96°
TS=47 (46) VR=89
Max Amp=3.49e-05 cm
BK.ORV
Δ=268 km θ = 107°
TS=68 (66) VR=15
Max Amp=1.46e-05 cm
BK.SPRL
Δ=62 km θ = 119°
TS=39 (39) VR=59
Max Amp=4.60e-05 cm
BK.USAL
Δ=74 km θ = 129°
TS=41 (40) VR=54
Max Amp=2.64e-05 cm
NC.KCPC
Δ=103 km θ = 131°
TS=45 (44) VR=35
Max Amp=2.20e-05 cm
BK.ORRS
Δ=145 km θ = 141°
TS=50 (50) VR=80
Max Amp=2.30e-05 cm
0 25 50 75 100
Elapsed time (s)

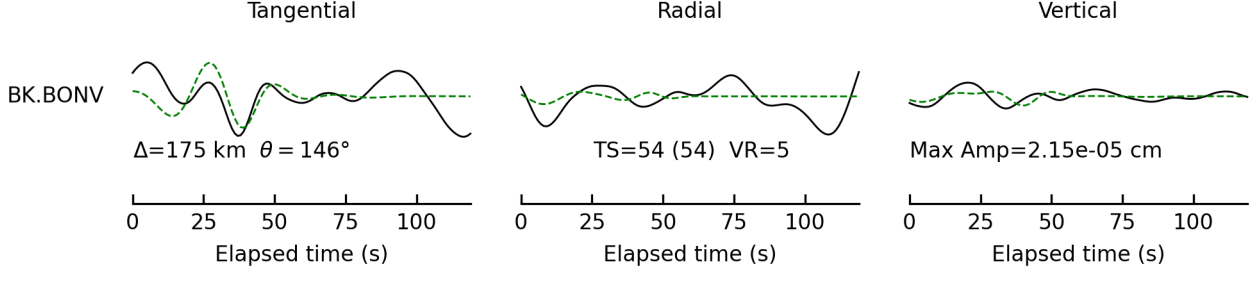

Tangential
Radial
Vertical
BK.BONV
Δ=175 km θ = 146°
TS=55 (54) VR=-2
Max Amp=2.29e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75098061
Depth = 24.0 km
Mw = 3.80
M0 = 6.33e+21 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (80,88,164) (170,74,2)
npts = 120 vred = 7.692 km/s
VR = 13.38% lune:0,0

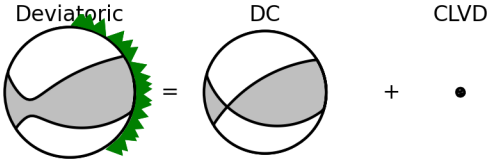


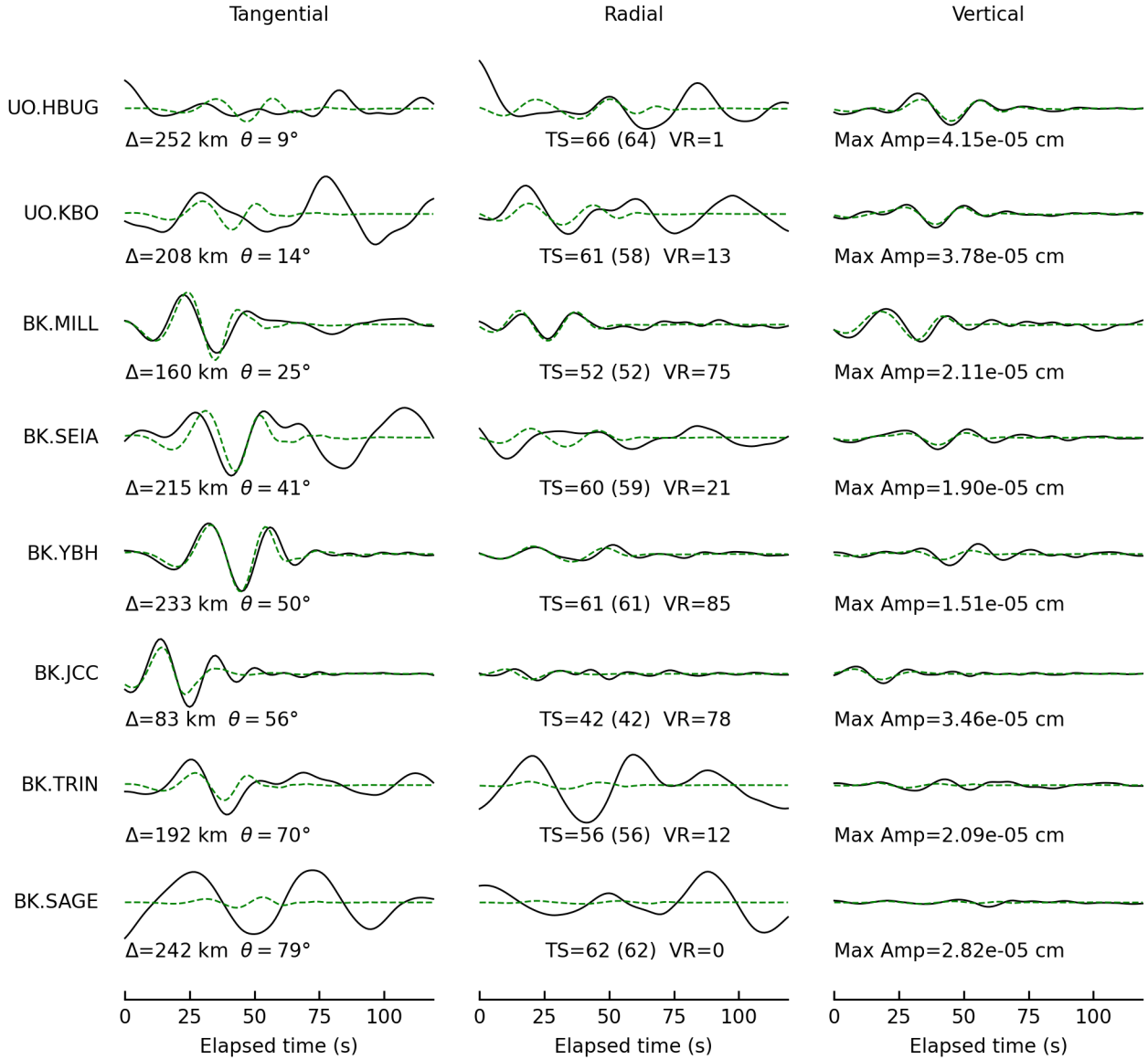


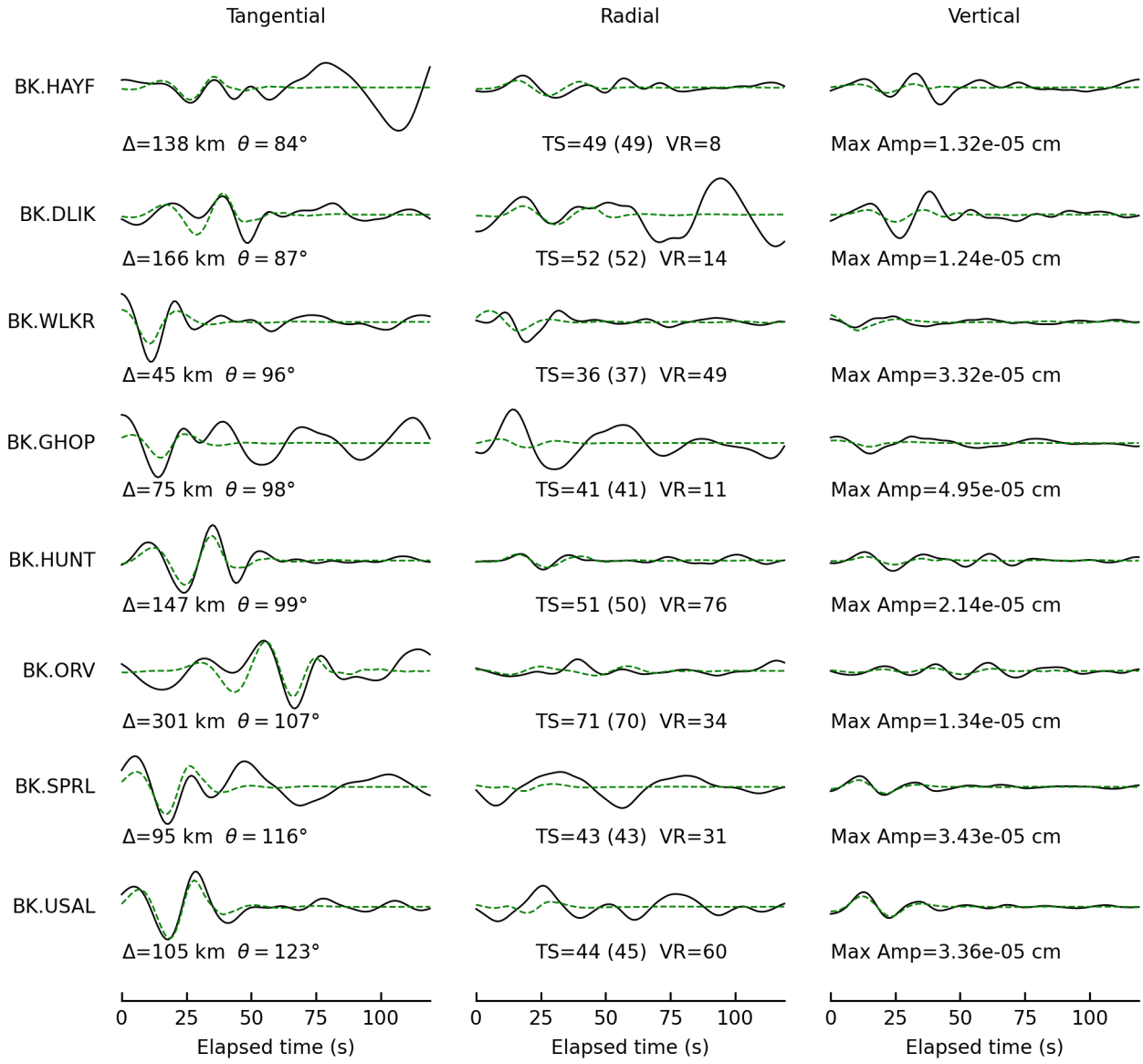

Tangential
Radial
Vertical
BK.DLIK
Δ=136 km θ = 82°
TS=50 (49) VR=26
Max Amp=3.02e-05 cm
BK.GHOP
Δ=43 km θ = 89°
TS=32 (37) VR=44
Max Amp=7.78e-05 cm
BK.HUNT
Δ=115 km θ = 96°
TS=47 (46) VR=72
Max Amp=3.49e-05 cm
BK.ORV
Δ=268 km θ = 107°
TS=66 (66) VR=21
Max Amp=1.48e-05 cm
BK.SPRL
Δ=62 km θ = 119°
TS=39 (39) VR=37
Max Amp=4.60e-05 cm
BK.USAL
Δ=74 km θ = 129°
TS=35 (40) VR=-20
Max Amp=3.13e-05 cm
NC.KCPC
Δ=103 km θ = 131°
TS=43 (44) VR=28
Max Amp=2.03e-05 cm
BK.ORRS
Δ=145 km θ = 141°
TS=50 (50) VR=53
Max Amp=2.30e-05 cm
0 25 50 75 100
Elapsed time (s)

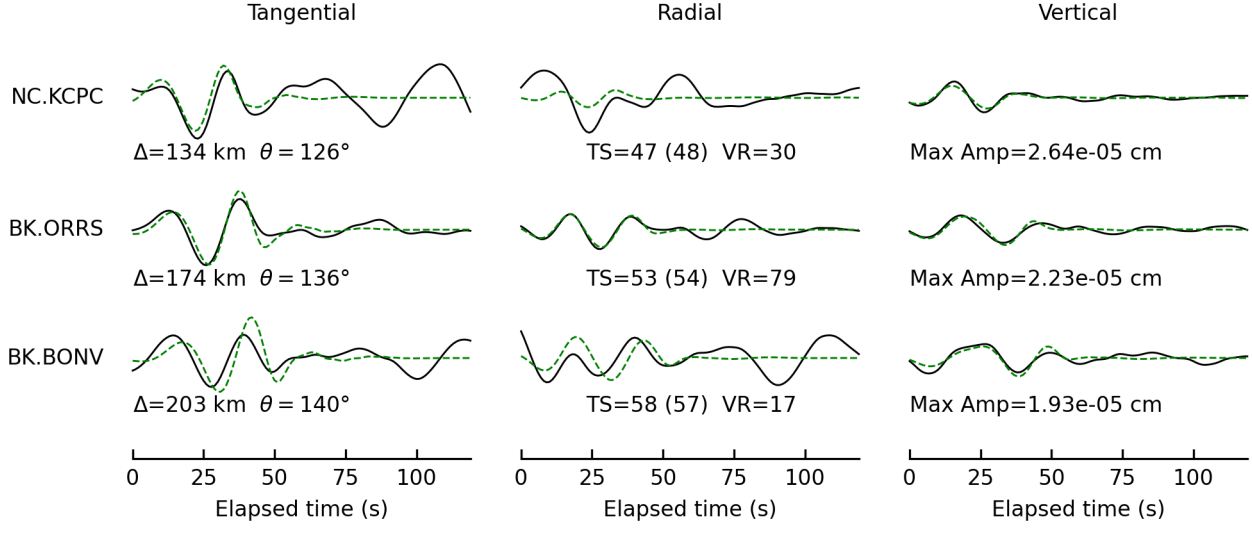

Tangential
Radial
Vertical
BK.BONV
Δ=175 km θ = 146°
TS=54 (54) VR=5
Max Amp=2.15e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75098131
Depth = 3.0 km
Mw = 3.67
M0 = 4.04e+21 dyne-cm
Percent DC/CLVD/ISO = 94/6/0
sdr = (238,65,65) (106,35,133)
npts = 120 vred = 7.692 km/s
VR = 20.90% lune:2,0

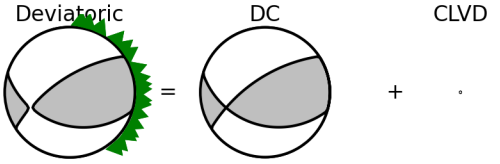


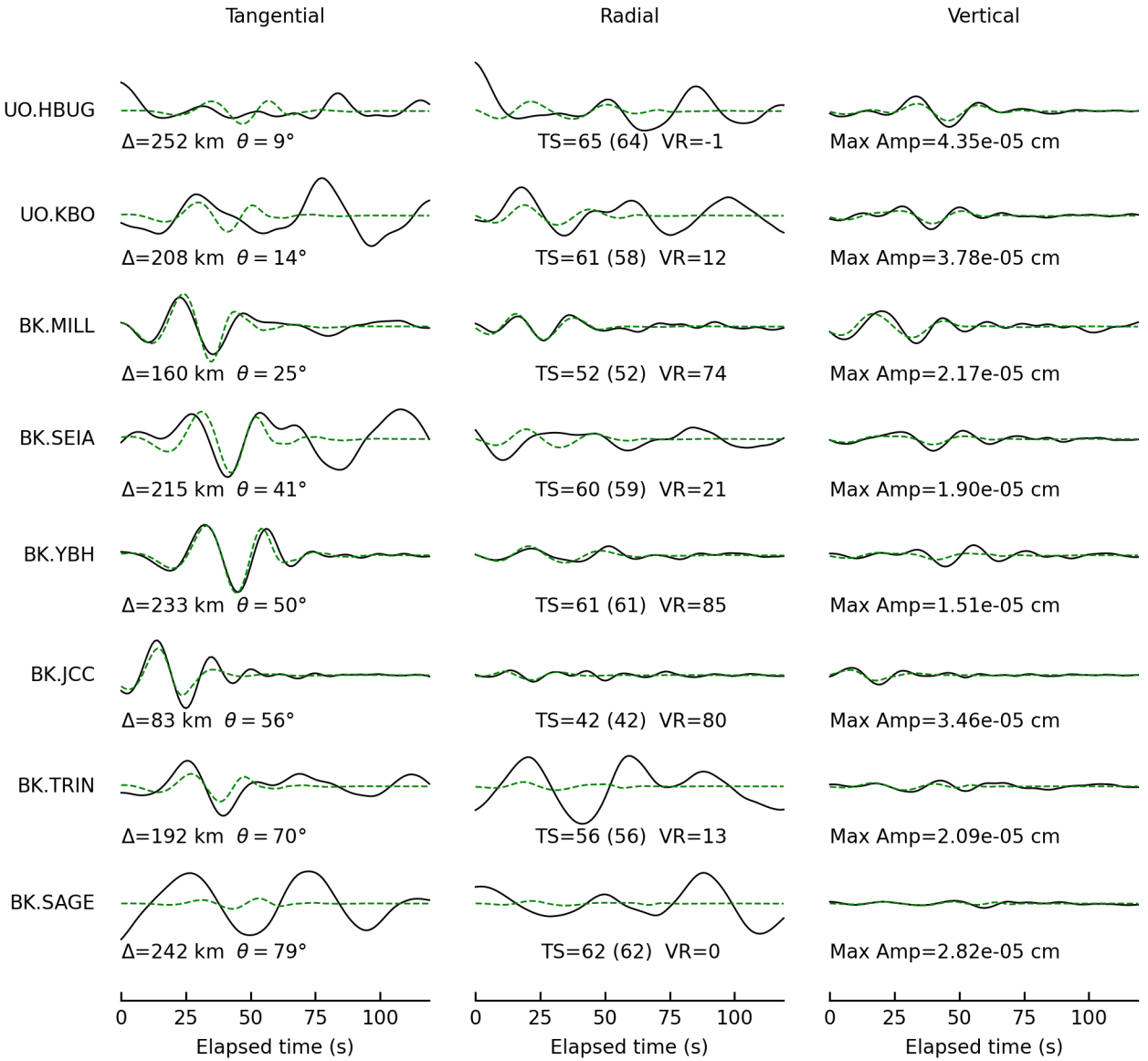


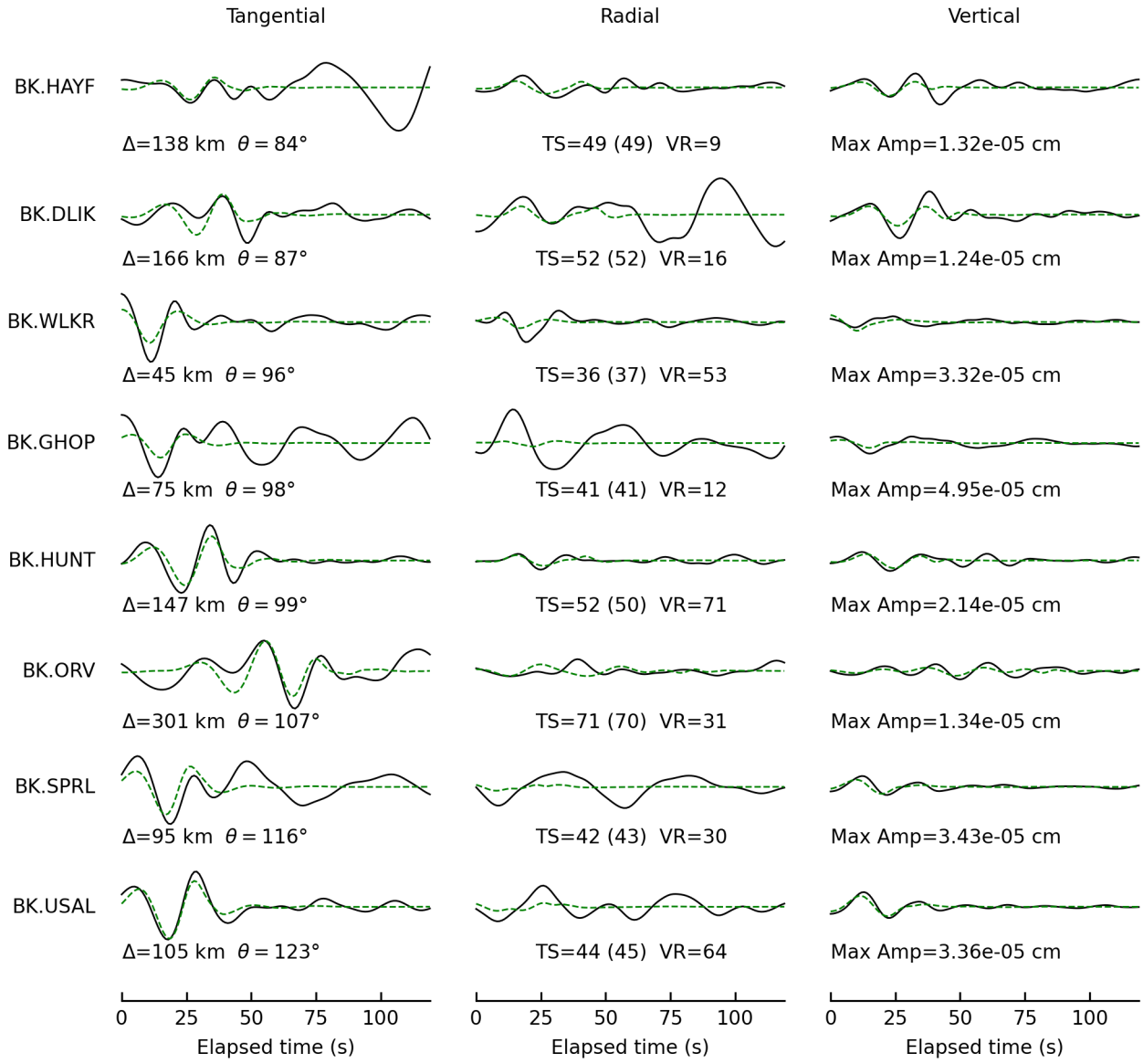

Tangential
Radial
Vertical
BK.HAYF
Δ=138 km θ = 84°
TS=49 (49) VR=8
Max Amp=1.32e-05 cm
BK.DLIK
Δ=166 km θ = 87°
TS=52 (52) VR=14
Max Amp=1.24e-05 cm
BK.WLKR
Δ=45 km θ = 96°
TS=36 (37) VR=49
Max Amp=3.32e-05 cm
BK.GHOP
Δ=75 km θ = 98°
TS=41 (41) VR=11
Max Amp=4.95e-05 cm
BK.HUNT
Δ=147 km θ = 99°
TS=51 (50) VR=76
Max Amp=2.14e-05 cm
BK.ORV
Δ=301 km θ = 107°
TS=71 (70) VR=34
Max Amp=1.34e-05 cm
BK.SPRL
Δ=95 km θ = 116°
TS=43 (43) VR=31
Max Amp=3.43e-05 cm
BK.USAL
Δ=105 km θ = 123°
TS=44 (45) VR=60
Max Amp=3.36e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

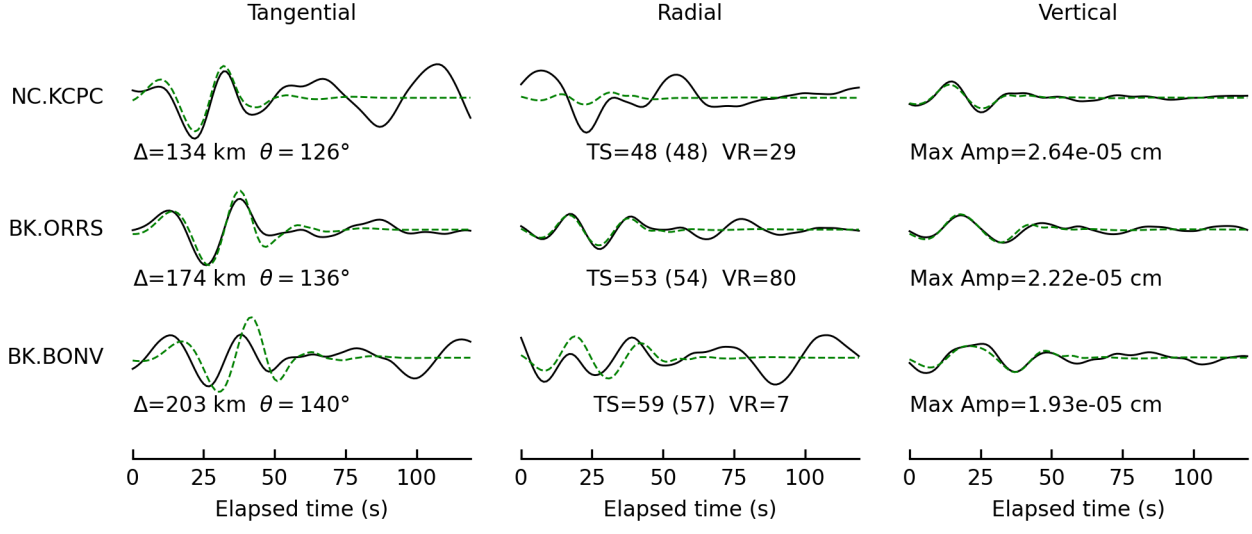

Tangential
Radial
Vertical
NC.KCPC
BK.ORRS
BK.BONV
Δ=134 km θ = 126°
Δ=174 km θ = 136°
Δ=203 km θ = 140°
TS=47 (48) VR=30
TS=53 (54) VR=79
TS=58 (57) VR=17
Max Amp=2.64e-05 cm
Max Amp=2.23e-05 cm
Max Amp=1.93e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75098131
Depth = 6.0 km
Mw = 3.70
M0 = 4.42e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (236,65,63) (107,36,134)
npts = 120 vred = 7.692 km/s
VR = 20.33% lune:0,0

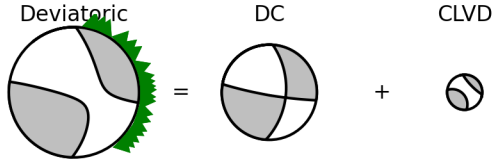


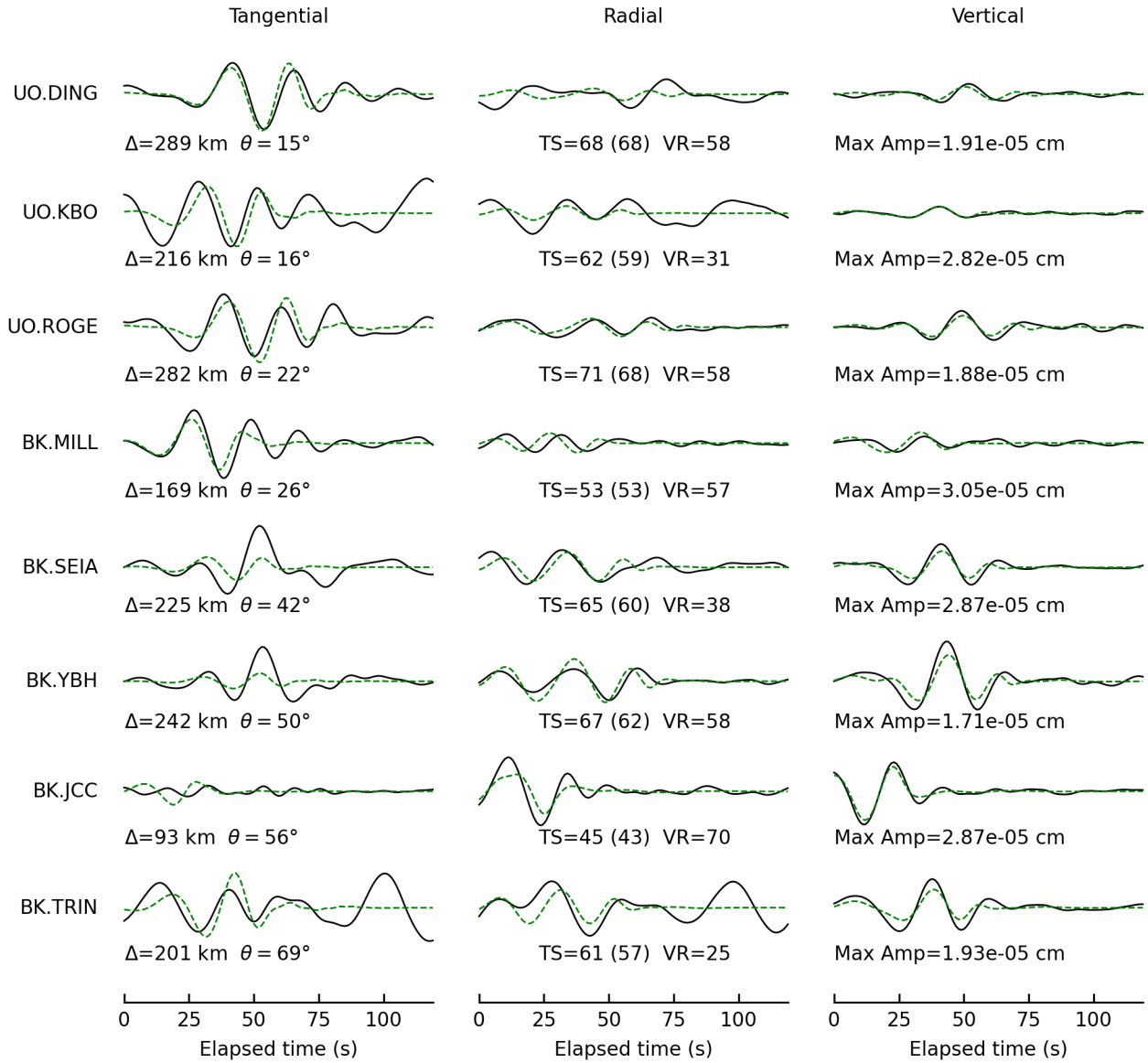


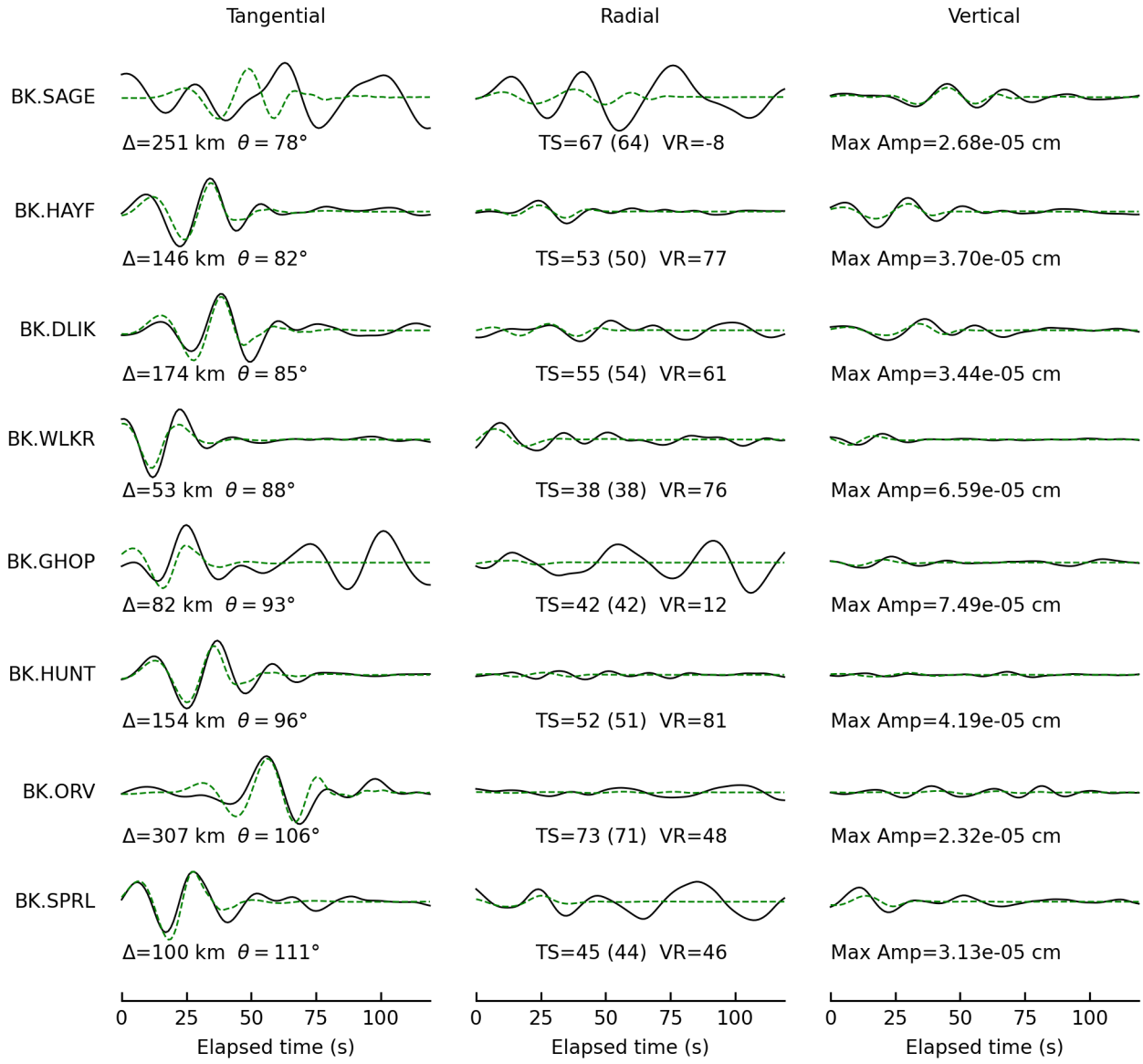

Tangential
Radial
Vertical
BK.HAYF
Δ=138 km θ = 84°
TS=49 (49) VR=9
Max Amp=1.32e-05 cm
BK.DLIK
Δ=166 km θ = 87°
TS=52 (52) VR=16
Max Amp=1.24e-05 cm
BK.WLKR
Δ=45 km θ = 96°
TS=36 (37) VR=53
Max Amp=3.32e-05 cm
BK.GHOP
Δ=75 km θ = 98°
TS=41 (41) VR=12
Max Amp=4.95e-05 cm
BK.HUNT
Δ=147 km θ = 99°
TS=52 (50) VR=71
Max Amp=2.14e-05 cm
BK.ORV
Δ=301 km θ = 107°
TS=71 (70) VR=31
Max Amp=1.34e-05 cm
BK.SPRL
Δ=95 km θ = 116°
TS=42 (43) VR=30
Max Amp=3.43e-05 cm
BK.USAL
Δ=105 km θ = 123°
TS=44 (45) VR=64
Max Amp=3.36e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

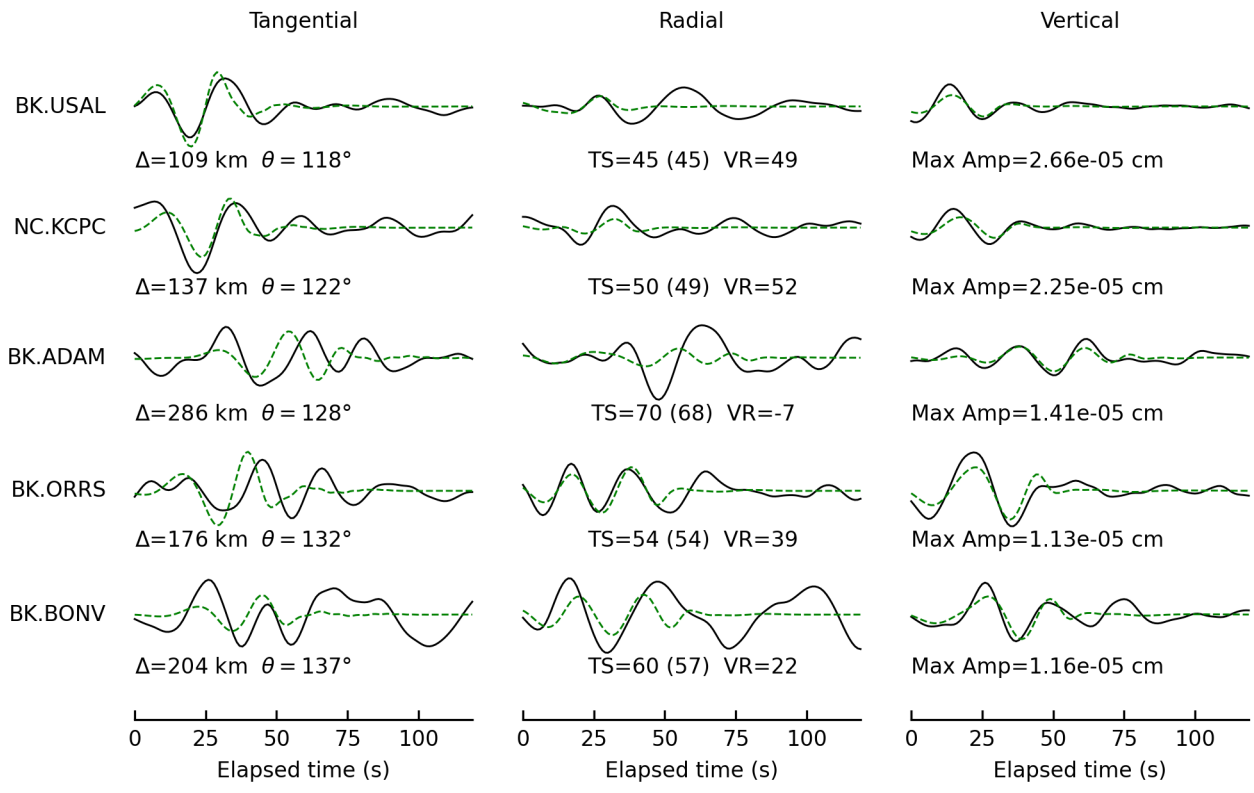

Tangential
Radial
Vertical
NC.KCPC
BK.ORRS
BK.BONV
Δ=134 km θ = 126°
TS=48 (48) VR=29
Max Amp=2.64e-05 cm
Δ=174 km θ = 136°
TS=53 (54) VR=80
Max Amp=2.22e-05 cm
Δ=203 km θ = 140°
TS=59 (57) VR=7
Max Amp=1.93e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75098631
Depth = 2.0 km
Mw = 3.65
M0 = 3.66e+21 dyne-cm
Percent DC/CLVD/ISO = 73/27/0
sdr = (100,83,-141) (4,51,-9)
npts = 120 vred = 7.692 km/s
VR = 35.72% lune:-7,0

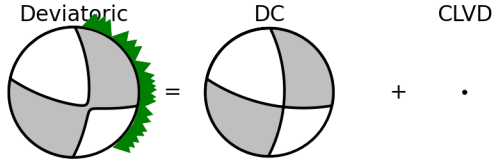


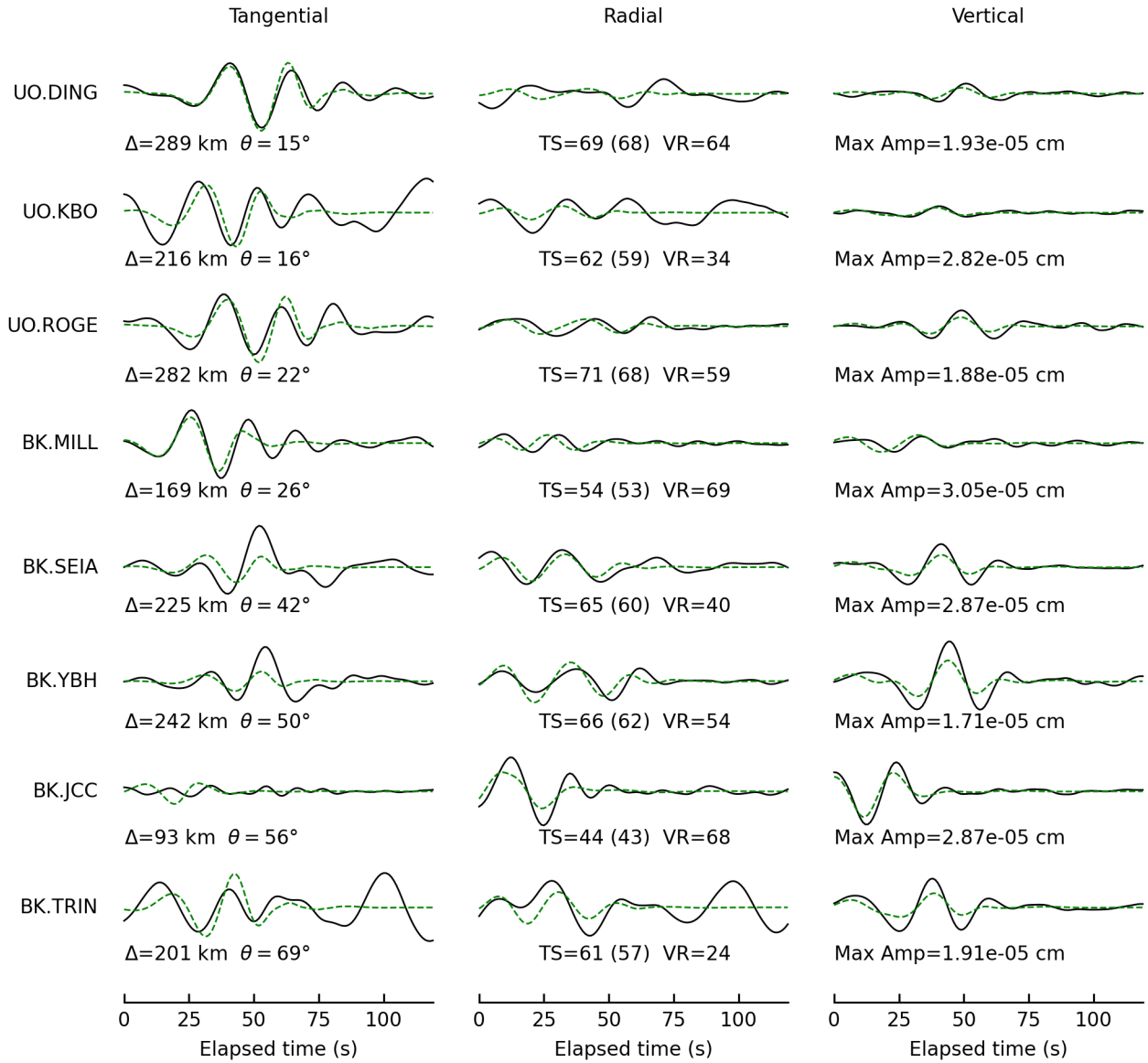


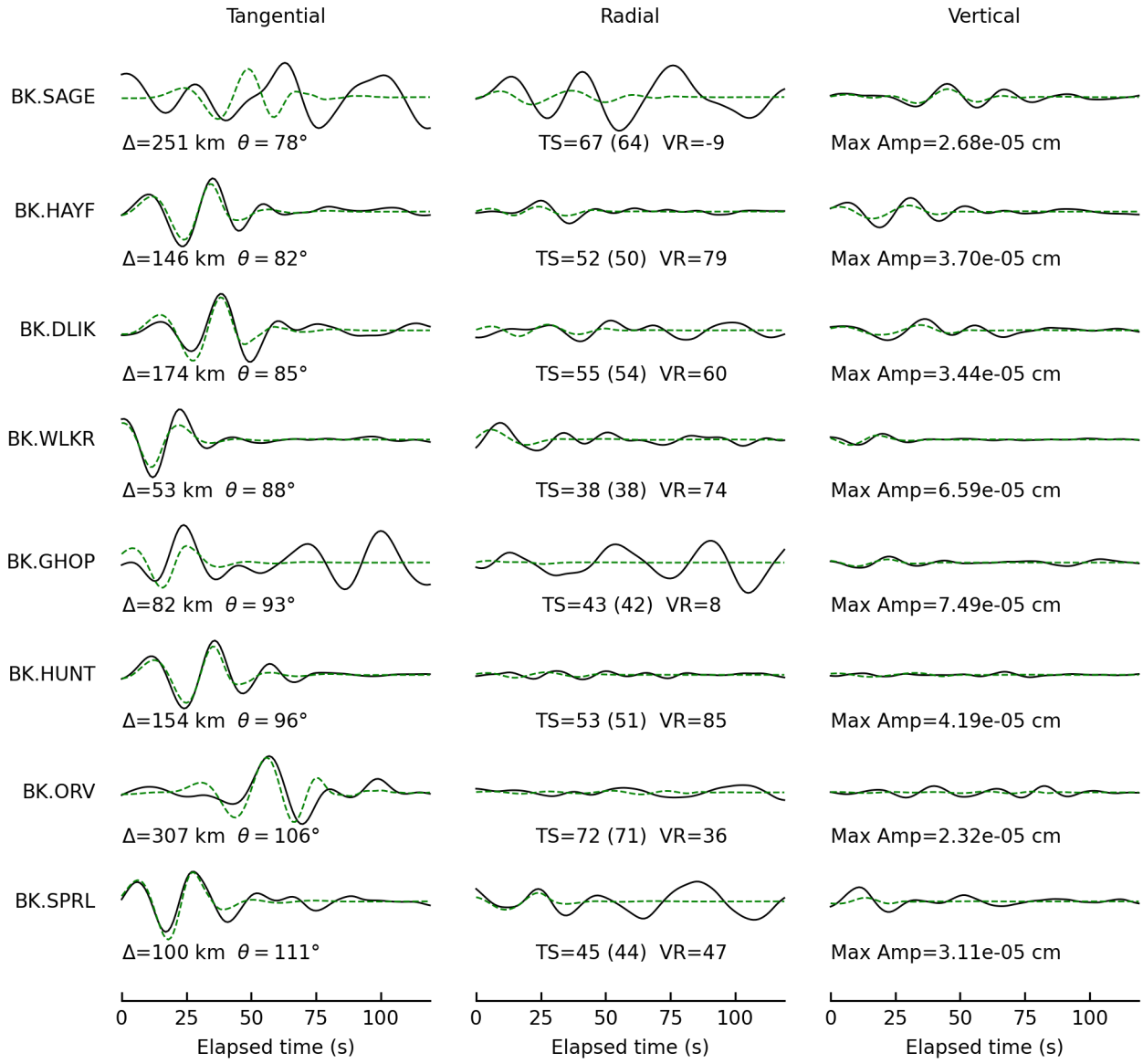

Tangential
Radial
Vertical
BK.SAGE
Δ=251 km θ = 78°
TS=67 (64) VR=-8
Max Amp=2.68e-05 cm
BK.HAYF
Δ=146 km θ = 82°
TS=53 (50) VR=77
Max Amp=3.70e-05 cm
BK.DLIK
Δ=174 km θ = 85°
TS=55 (54) VR=61
Max Amp=3.44e-05 cm
BK.WLKR
Δ=53 km θ = 88°
TS=38 (38) VR=76
Max Amp=6.59e-05 cm
BK.GHOP
Δ=82 km θ = 93°
TS=42 (42) VR=12
Max Amp=7.49e-05 cm
BK.HUNT
Δ=154 km θ = 96°
TS=52 (51) VR=81
Max Amp=4.19e-05 cm
BK.ORV
Δ=307 km θ = 106°
TS=73 (71) VR=48
Max Amp=2.32e-05 cm
BK.SPRL
Δ=100 km θ = 111°
TS=45 (44) VR=46
Max Amp=3.13e-05 cm
0 25 50 75 100
Elapsed time (s)

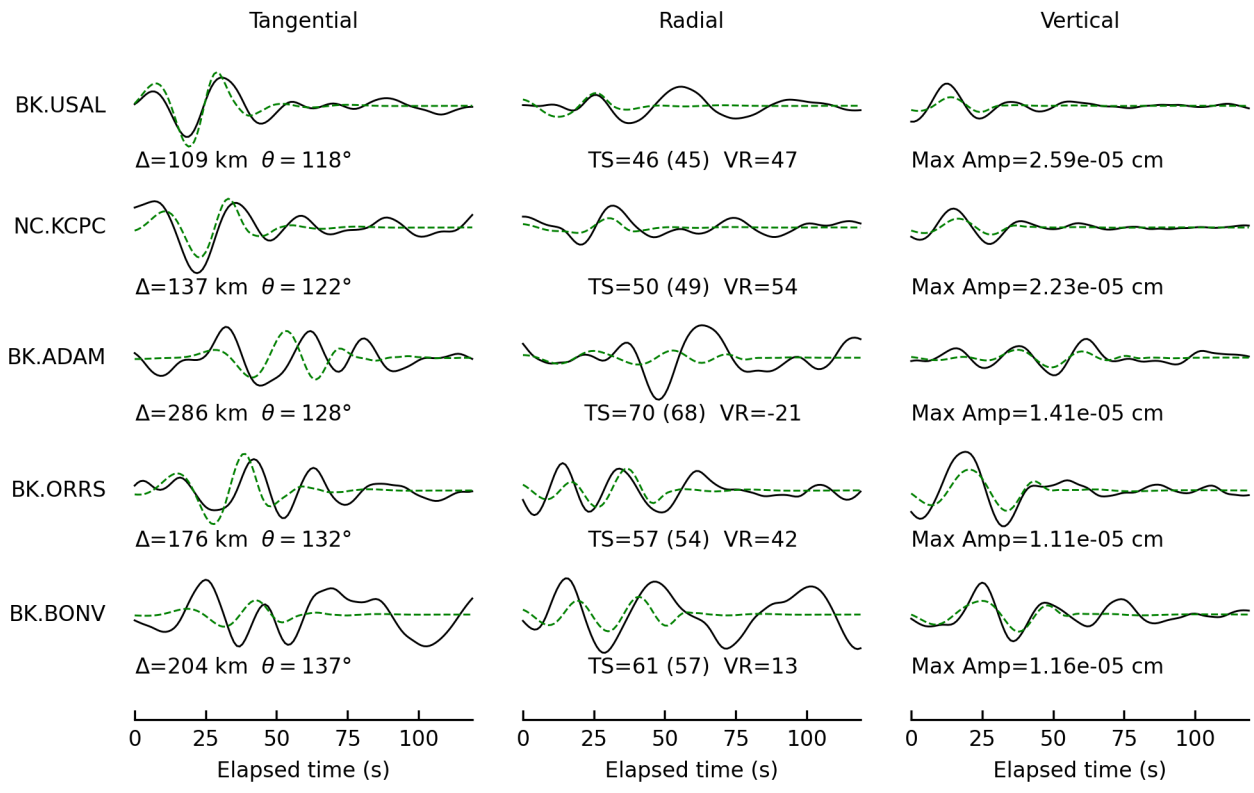

Tangential
Radial
Vertical
BK.USAL
Δ=109 km θ = 118°
TS=45 (45) VR=49
Max Amp=2.66e-05 cm
NC.KCPC
Δ=137 km θ = 122°
TS=50 (49) VR=52
Max Amp=2.25e-05 cm
BK.ADAM
Δ=286 km θ = 128°
TS=70 (68) VR=-7
Max Amp=1.41e-05 cm
BK.ORRS
Δ=176 km θ = 132°
TS=54 (54) VR=39
Max Amp=1.13e-05 cm
BK.BONV
Δ=204 km θ = 137°
TS=60 (57) VR=22
Max Amp=1.16e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75098631
Depth = 6.0 km
Mw = 3.67
M0 = 3.96e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (102,69,-151) (1,64,-24)
npts = 120 vred = 7.692 km/s
VR = 34.96% lune:0,0

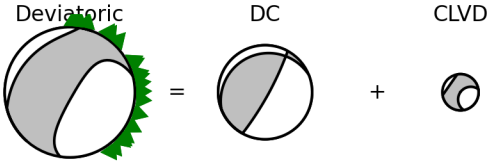


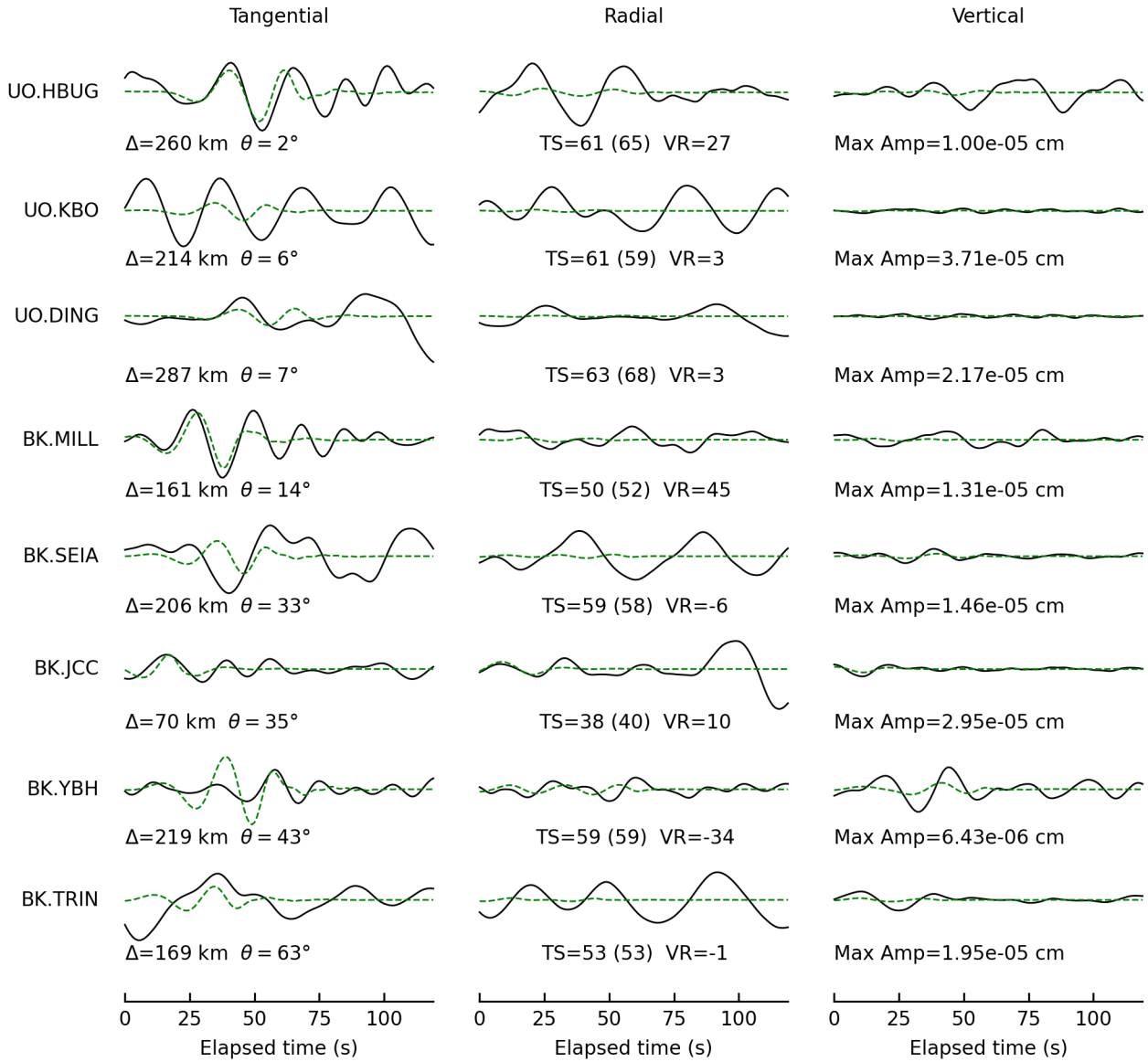


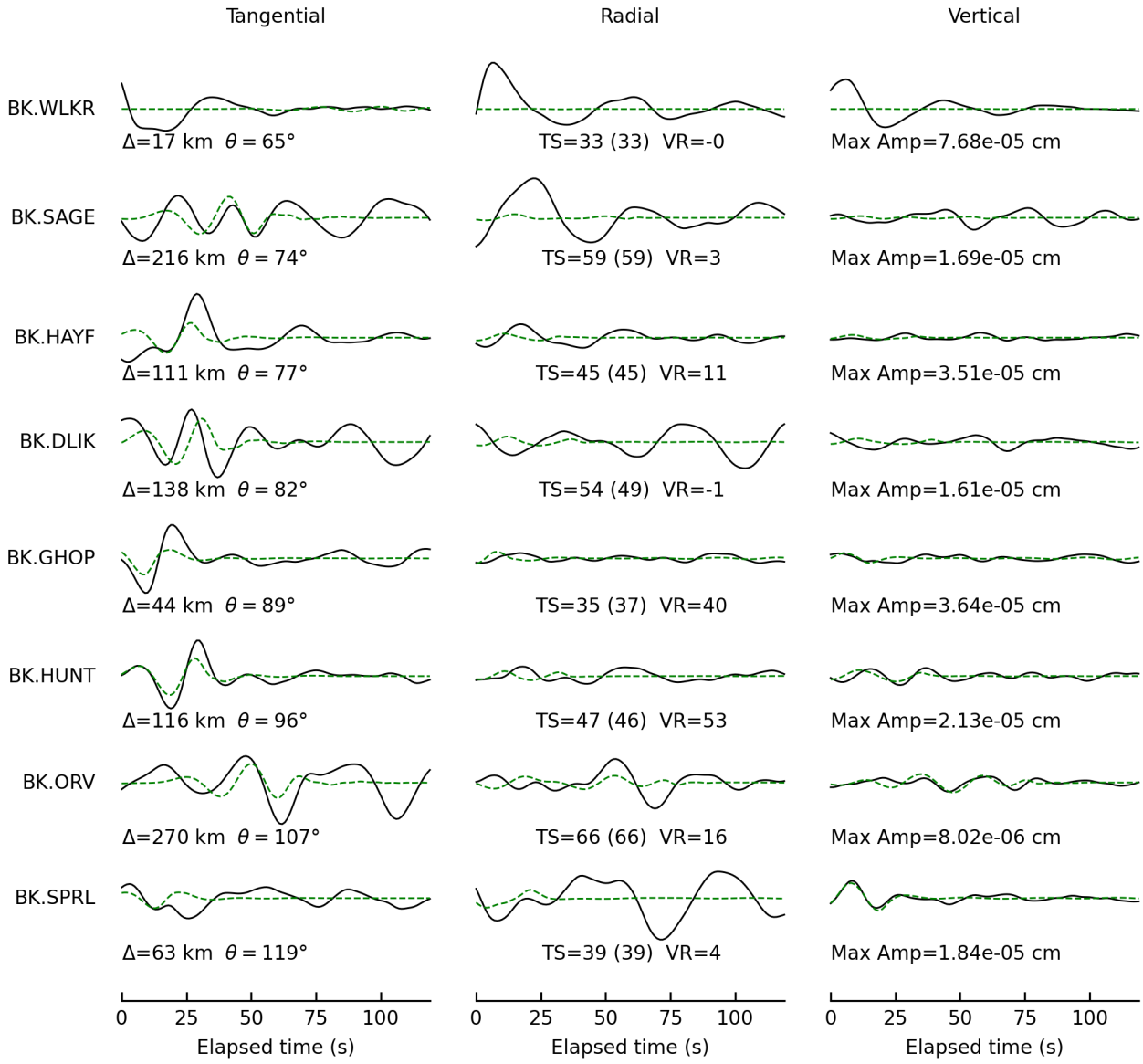

Tangential
Radial
Vertical
BK.SAGE
Δ=251 km θ = 78°
TS=67 (64) VR=-9
Max Amp=2.68e-05 cm
BK.HAYF
Δ=146 km θ = 82°
TS=52 (50) VR=79
Max Amp=3.70e-05 cm
BK.DLIK
Δ=174 km θ = 85°
TS=55 (54) VR=60
Max Amp=3.44e-05 cm
BK.WLKR
Δ=53 km θ = 88°
TS=38 (38) VR=74
Max Amp=6.59e-05 cm
BK.GHOP
Δ=82 km θ = 93°
TS=43 (42) VR=8
Max Amp=7.49e-05 cm
BK.HUNT
Δ=154 km θ = 96°
TS=53 (51) VR=85
Max Amp=4.19e-05 cm
BK.ORV
Δ=307 km θ = 106°
TS=72 (71) VR=36
Max Amp=2.32e-05 cm
BK.SPRL
Δ=100 km θ = 111°
TS=45 (44) VR=47
Max Amp=3.11e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

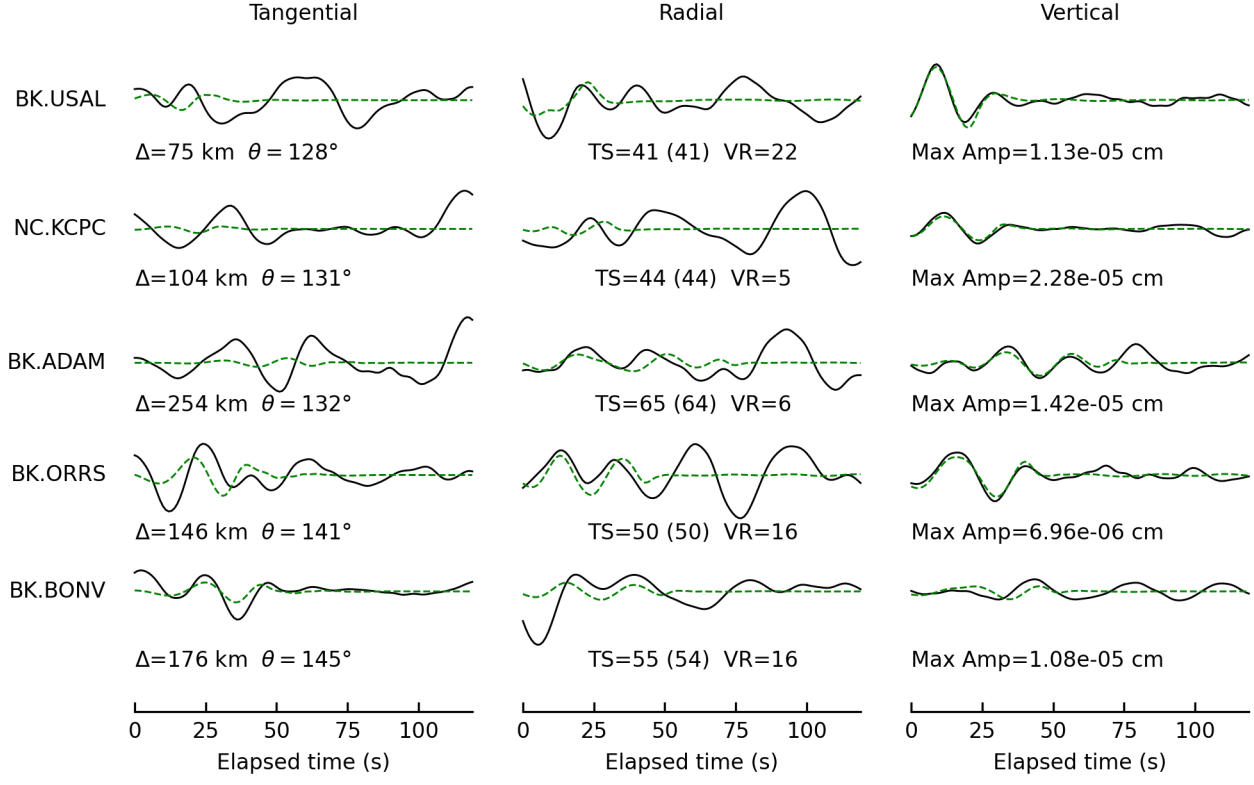

Tangential
Radial
Vertical
BK.USAL
Δ=109 km θ = 118°
TS=46 (45) VR=47
Max Amp=2.59e-05 cm
NC.KCPC
Δ=137 km θ = 122°
TS=50 (49) VR=54
Max Amp=2.23e-05 cm
BK.ADAM
Δ=286 km θ = 128°
TS=70 (68) VR=-21
Max Amp=1.41e-05 cm
BK.ORRS
Δ=176 km θ = 132°
TS=57 (54) VR=42
Max Amp=1.11e-05 cm
BK.BONV
Δ=204 km θ = 137°
TS=61 (57) VR=13
Max Amp=1.16e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75099111
Depth = 3.0 km
Mw = 3.59
M0 = 3.06e+21 dyne-cm
Percent DC/CLVD/ISO = 72/28/0
sdr = (248,11,129) (29,81,83)
npts = 120 vred = 7.692 km/s
VR = 6.36% lune:7,0

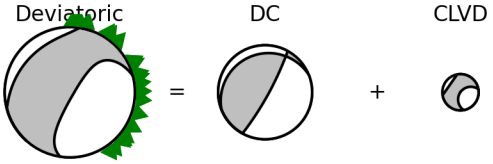


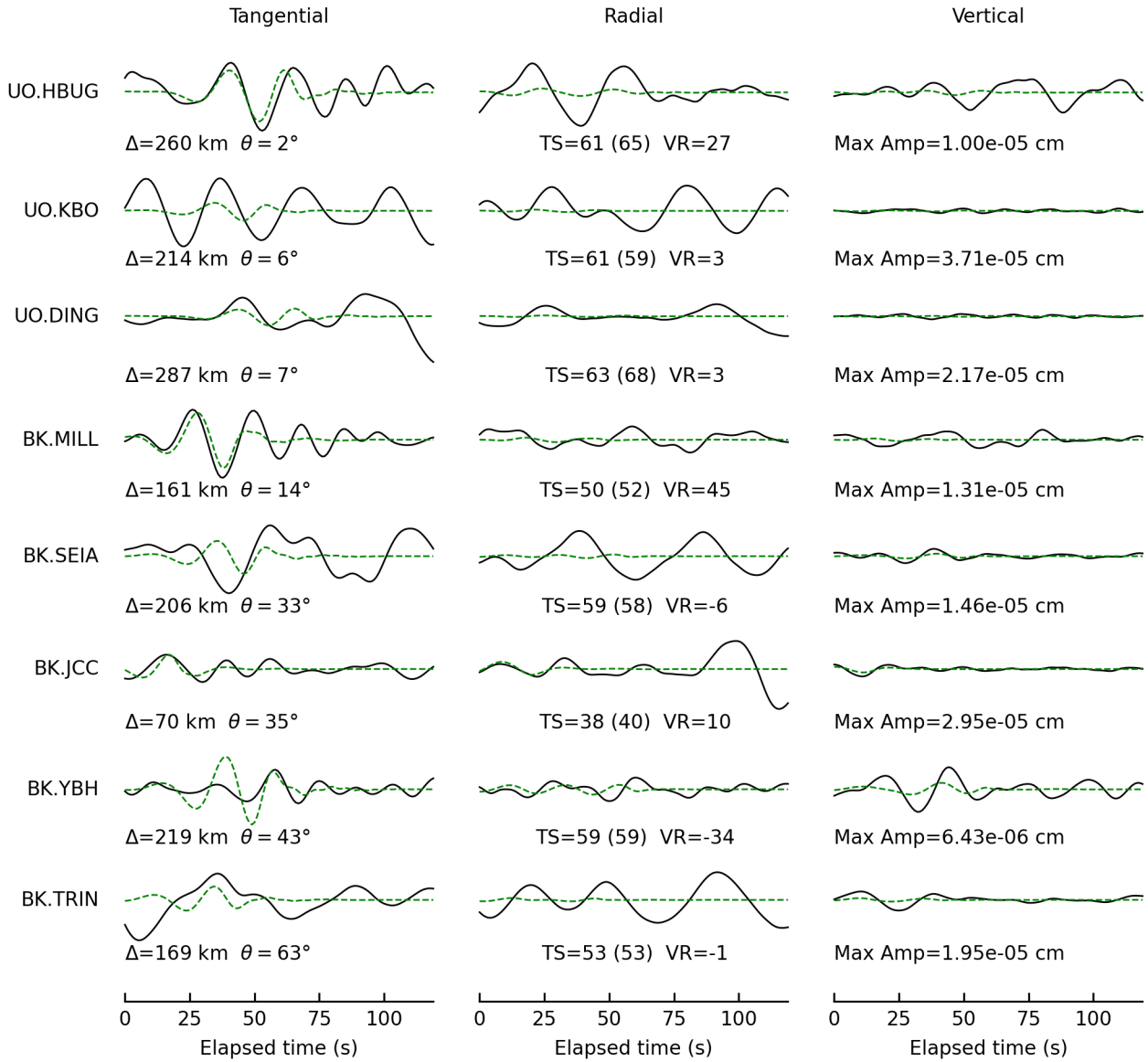


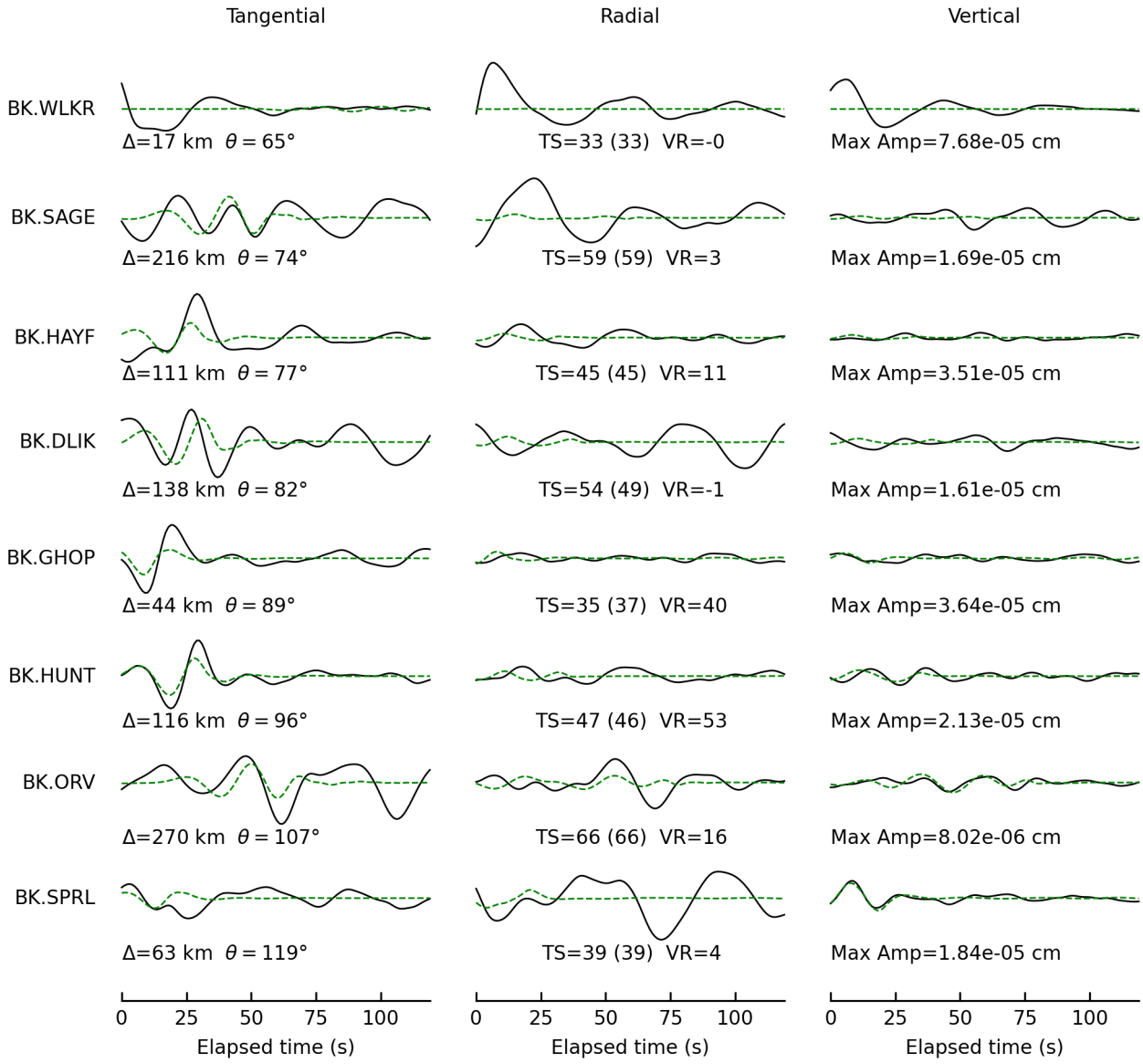

Tangential
Radial
Vertical
BK.WLKR
Δ=17 km θ = 65°
TS=33 (33) VR=-0
Max Amp=7.68e-05 cm
BK.SAGE
Δ=216 km θ = 74°
TS=59 (59) VR=3
Max Amp=1.69e-05 cm
BK.HAYF
Δ=111 km θ = 77°
TS=45 (45) VR=11
Max Amp=3.51e-05 cm
BK.DLIK
Δ=138 km θ = 82°
TS=54 (49) VR=-1
Max Amp=1.61e-05 cm
BK.GHOP
Δ=44 km θ = 89°
TS=35 (37) VR=40
Max Amp=3.64e-05 cm
BK.HUNT
Δ=116 km θ = 96°
TS=47 (46) VR=53
Max Amp=2.13e-05 cm
BK.ORV
Δ=270 km θ = 107°
TS=66 (66) VR=16
Max Amp=8.02e-06 cm
BK.SPRL
Δ=63 km θ = 119°
TS=39 (39) VR=4
Max Amp=1.84e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

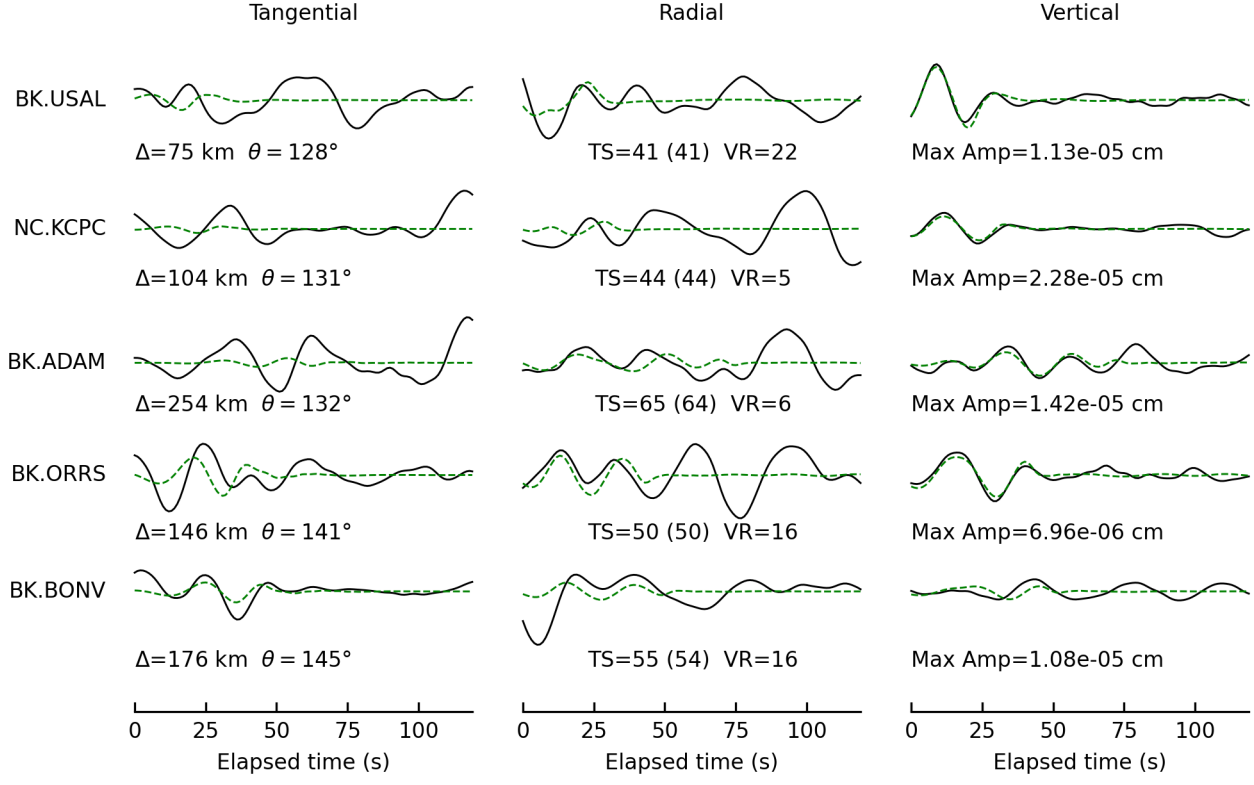

Tangential
Radial
Vertical
BK.USAL
Δ=75 km θ = 128°
TS=41 (41) VR=22
Max Amp=1.13e-05 cm
NC.KCPC
Δ=104 km θ = 131°
TS=44 (44) VR=5
Max Amp=2.28e-05 cm
BK.ADAM
Δ=254 km θ = 132°
TS=65 (64) VR=6
Max Amp=1.42e-05 cm
BK.ORRS
Δ=146 km θ = 141°
TS=50 (50) VR=16
Max Amp=6.96e-06 cm
BK.BONV
Δ=176 km θ = 145°
TS=55 (54) VR=16
Max Amp=1.08e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75099111
Depth = 3.0 km
Mw = 3.59
M0 = 3.06e+21 dyne-cm
Percent DC/CLVD/ISO = 72/28/0
sdr = (248,11,129) (29,81,83)
npts = 120 vred = 7.692 km/s
VR = 6.36% lune:7,0

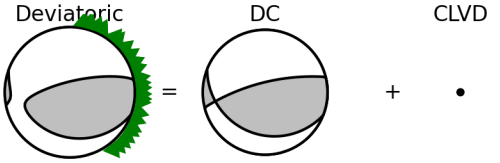


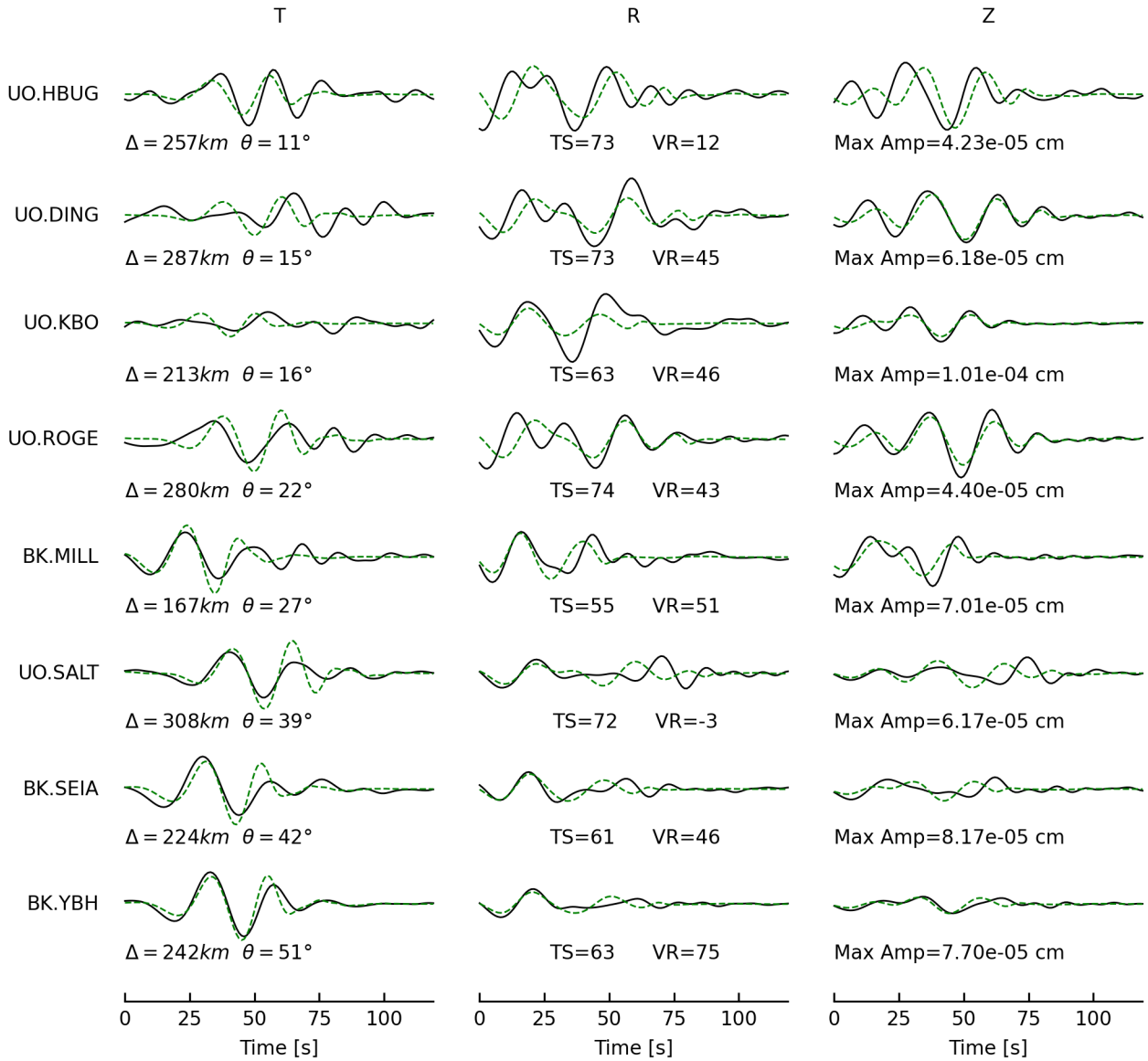


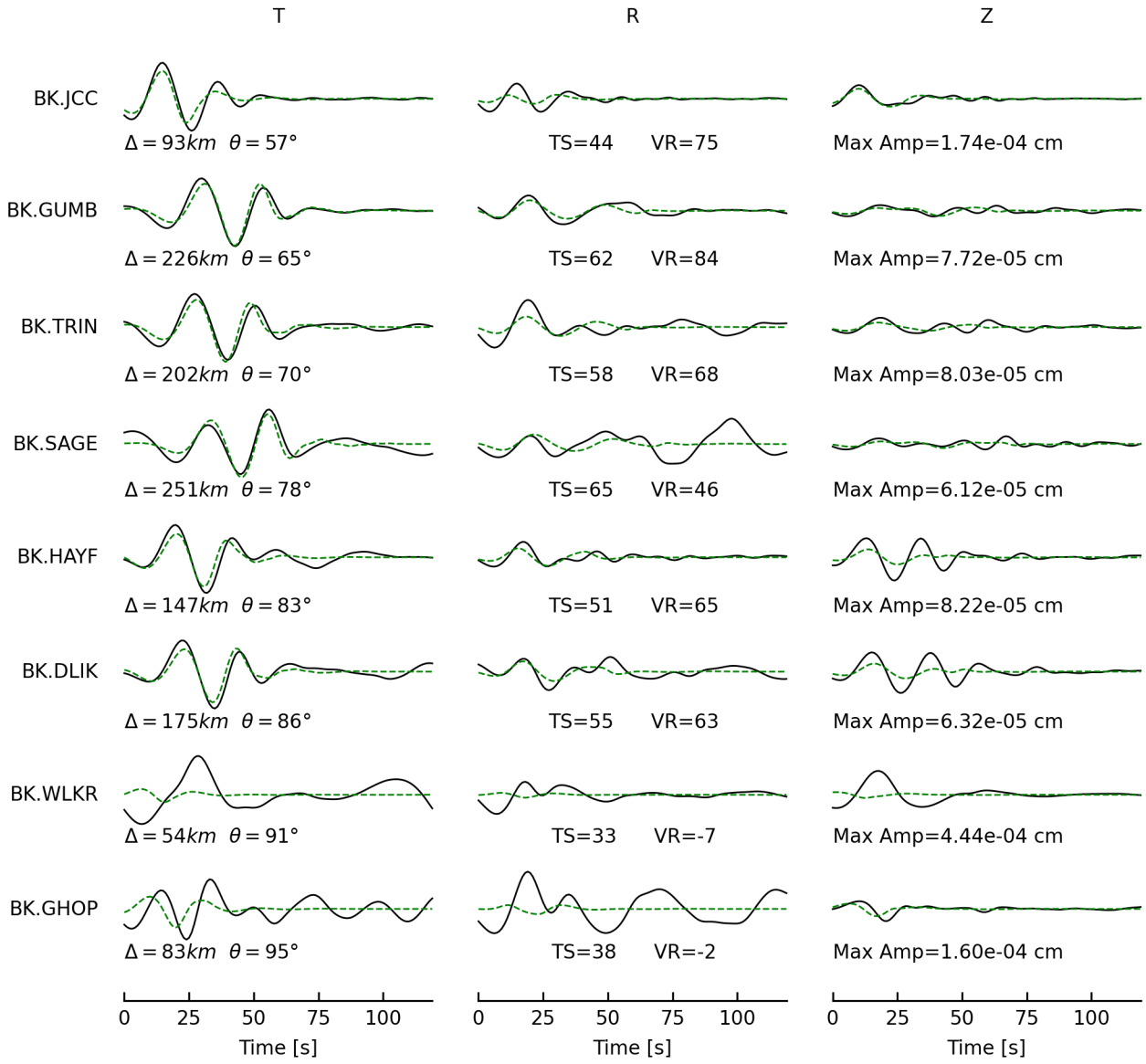

Tangential
Radial
Vertical
BK.WLKR
Δ=17 km θ = 65°
TS=33 (33) VR=-0
Max Amp=7.68e-05 cm
BK.SAGE
Δ=216 km θ = 74°
TS=59 (59) VR=3
Max Amp=1.69e-05 cm
BK.HAYF
Δ=111 km θ = 77°
TS=45 (45) VR=11
Max Amp=3.51e-05 cm
BK.DLIK
Δ=138 km θ = 82°
TS=54 (49) VR=-1
Max Amp=1.61e-05 cm
BK.GHOP
Δ=44 km θ = 89°
TS=35 (37) VR=40
Max Amp=3.64e-05 cm
BK.HUNT
Δ=116 km θ = 96°
TS=47 (46) VR=53
Max Amp=2.13e-05 cm
BK.ORV
Δ=270 km θ = 107°
TS=66 (66) VR=16
Max Amp=8.02e-06 cm
BK.SPRL
Δ=63 km θ = 119°
TS=39 (39) VR=4
Max Amp=1.84e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

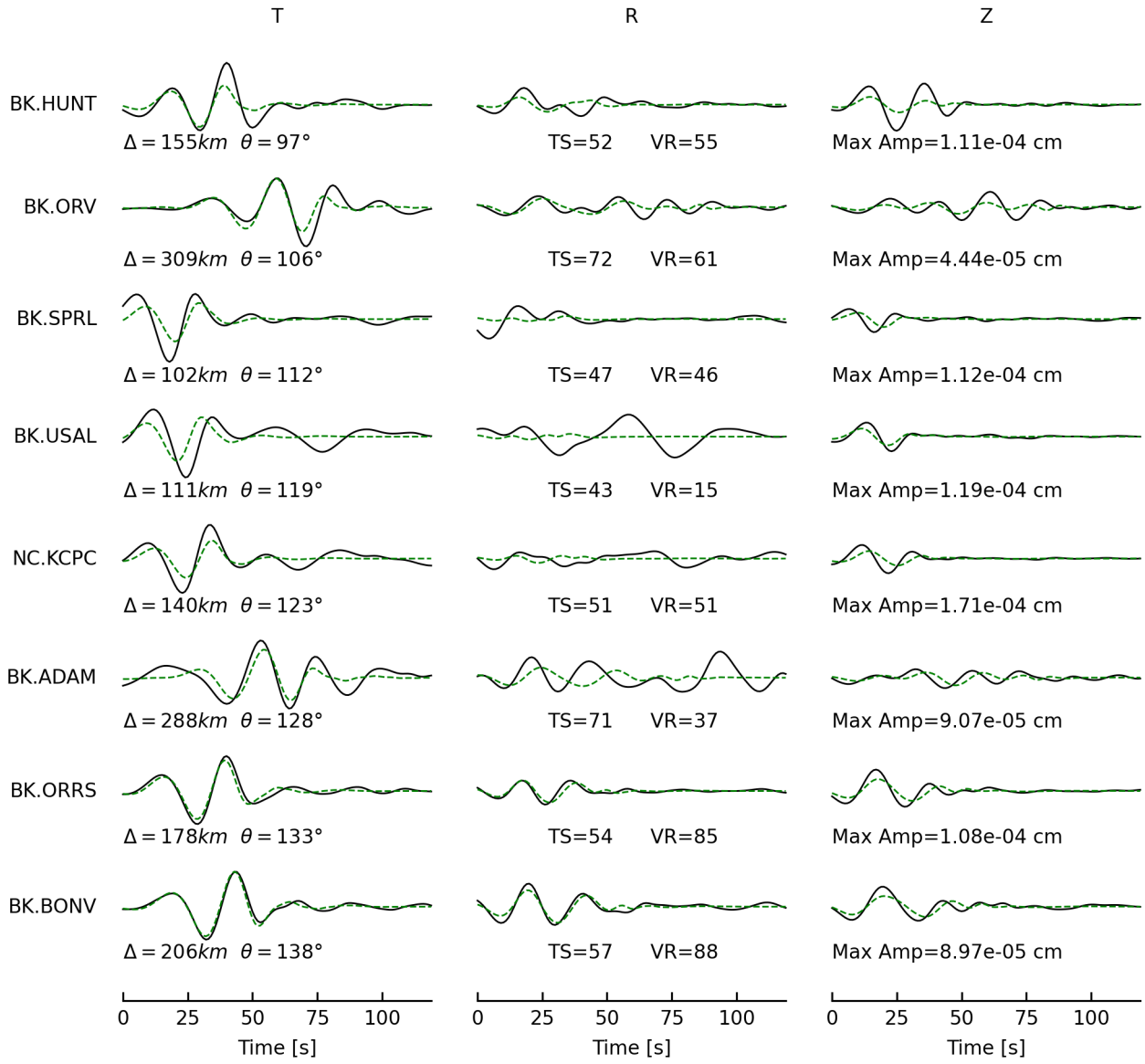

Tangential
Radial
Vertical
BK.USAL
Δ=75 km θ = 128°
TS=41 (41) VR=22
Max Amp=1.13e-05 cm
NC.KCPC
Δ=104 km θ = 131°
TS=44 (44) VR=5
Max Amp=2.28e-05 cm
BK.ADAM
Δ=254 km θ = 132°
TS=65 (64) VR=6
Max Amp=1.42e-05 cm
BK.ORRS
Δ=146 km θ = 141°
TS=50 (50) VR=16
Max Amp=6.96e-06 cm
BK.BONV
Δ=176 km θ = 145°
TS=55 (54) VR=16
Max Amp=1.08e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

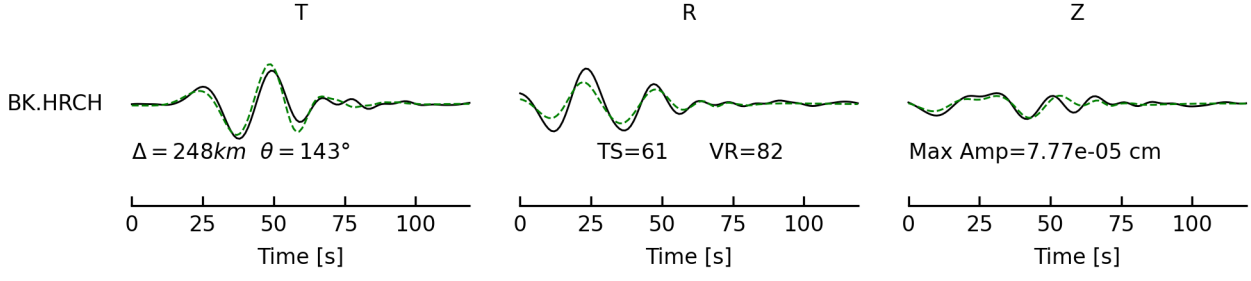
Deviatoric Moment Tensor Inversion
Evid = 75099566
Depth = 6.0 km
Mw = 4.23
M0 = 2.73e+22 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (256,72,77) (112,22,124)
npts = 120 vred = 7.692 km/s
VR = 36.70% lune:-1,0



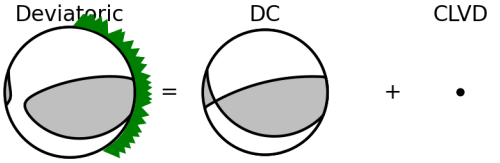


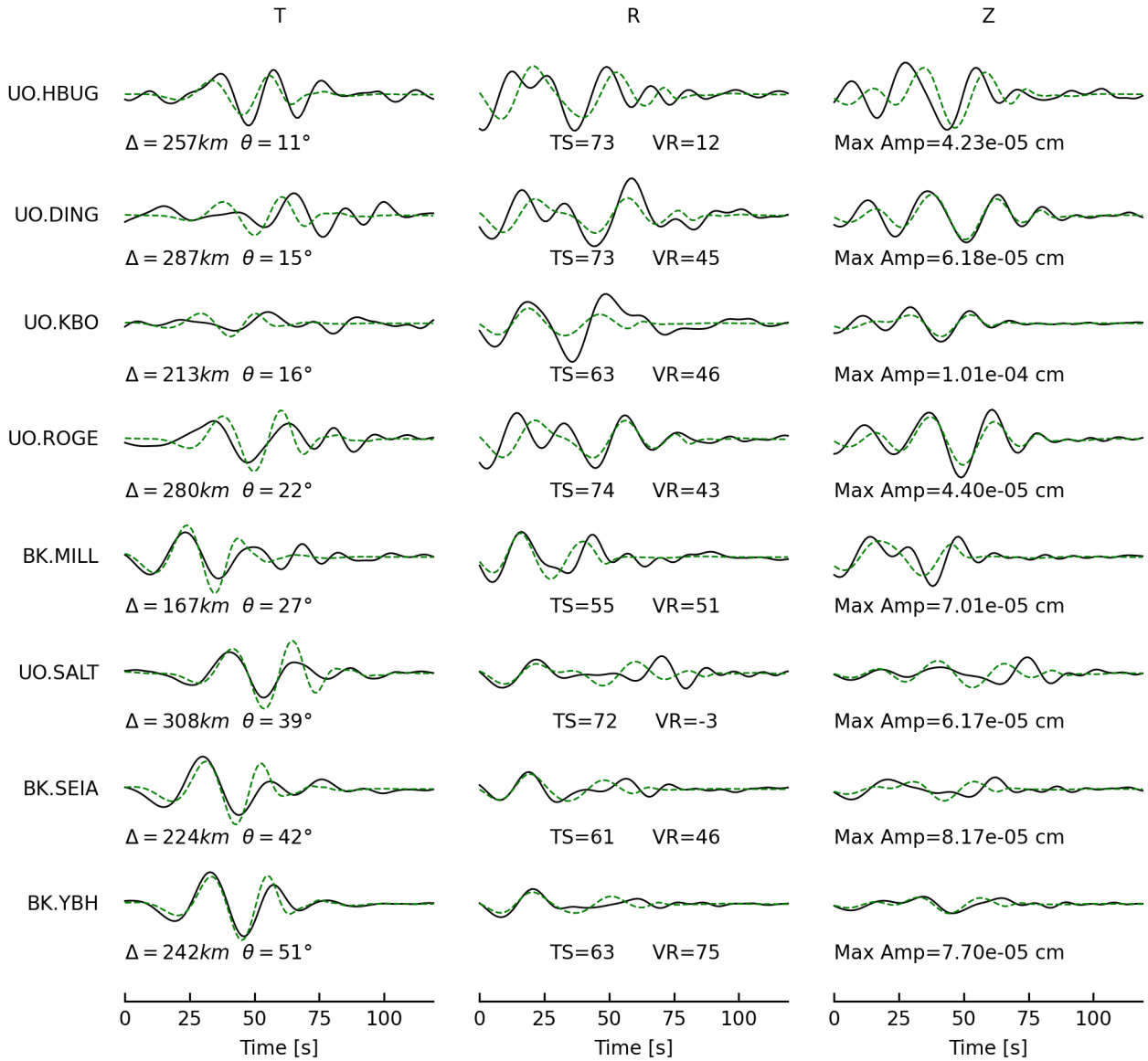

T
R
Z
BK.JCC
Δ = 93km θ = 57°
TS=44 VR=75
Max Amp=1.74e-04 cm
BK.GUMB
Δ = 226km θ = 65°
TS=62 VR=84
Max Amp=7.72e-05 cm
BK.TRIN
Δ = 202km θ = 70°
TS=58 VR=68
Max Amp=8.03e-05 cm
BK.SAGE
Δ = 251km θ = 78°
TS=65 VR=46
Max Amp=6.12e-05 cm
BK.HAYF
Δ = 147km θ = 83°
TS=51 VR=65
Max Amp=8.22e-05 cm
BK.DLIK
Δ = 175km θ = 86°
TS=55 VR=63
Max Amp=6.32e-05 cm
BK.WLKR
Δ = 54km θ = 91°
TS=33 VR=-7
Max Amp=4.44e-04 cm
BK.GHOP
Δ = 83km θ = 95°
TS=38 VR=-2
Max Amp=1.60e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

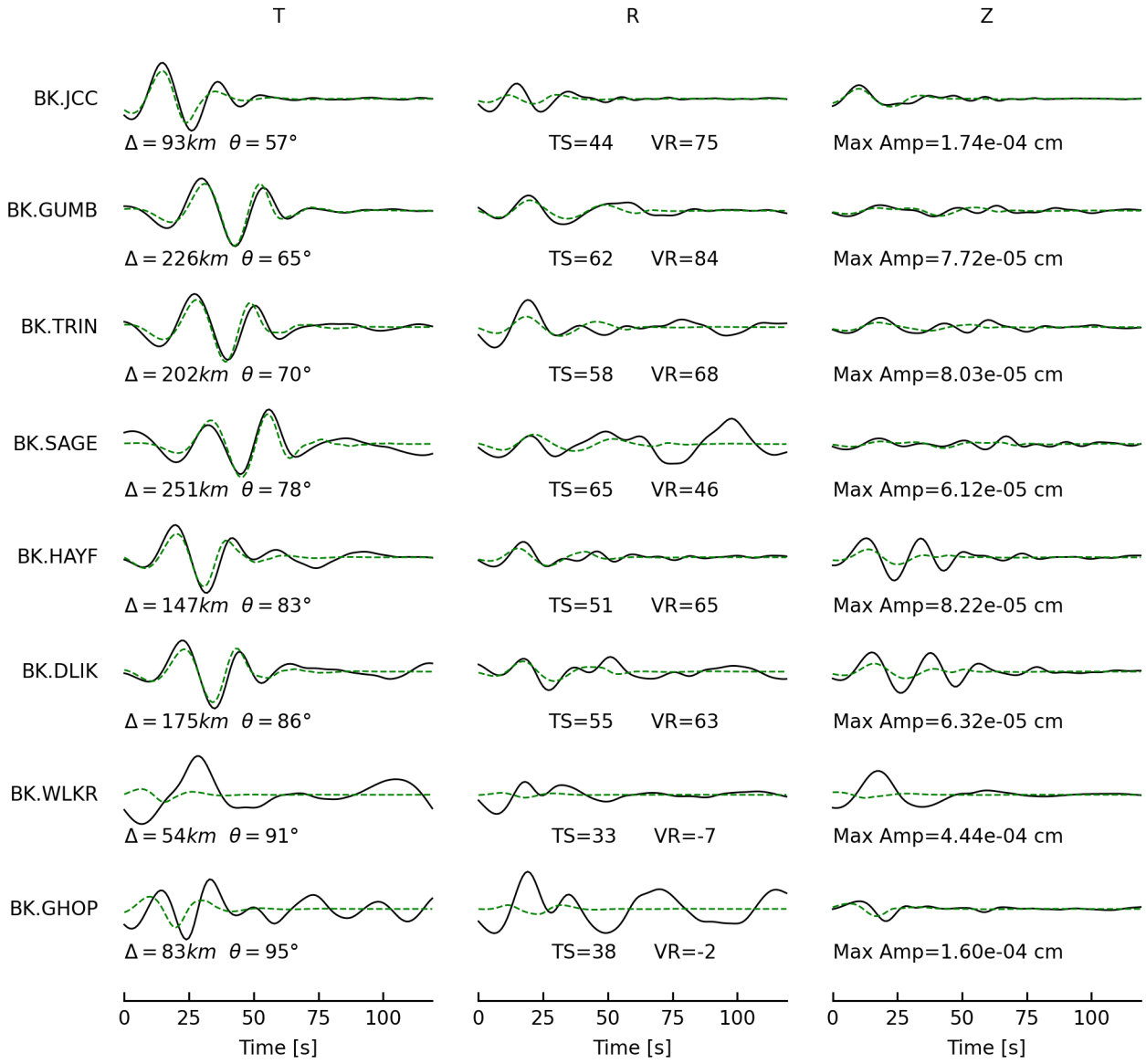

T
R
Z
BK.HUNT
Δ = 155km θ = 97°
TS=52 VR=55
Max Amp=1.11e-04 cm
BK.ORV
Δ = 309km θ = 106°
TS=72 VR=61
Max Amp=4.44e-05 cm
BK.SPRL
Δ = 102km θ = 112°
TS=47 VR=46
Max Amp=1.12e-04 cm
BK.USAL
Δ = 111km θ = 119°
TS=43 VR=15
Max Amp=1.19e-04 cm
NC.KCPC
Δ = 140km θ = 123°
TS=51 VR=51
Max Amp=1.71e-04 cm
BK.ADAM
Δ = 288km θ = 128°
TS=71 VR=37
Max Amp=9.07e-05 cm
BK.ORRS
Δ = 178km θ = 133°
TS=54 VR=85
Max Amp=1.08e-04 cm
BK.BONV
Δ = 206km θ = 138°
TS=57 VR=88
Max Amp=8.97e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

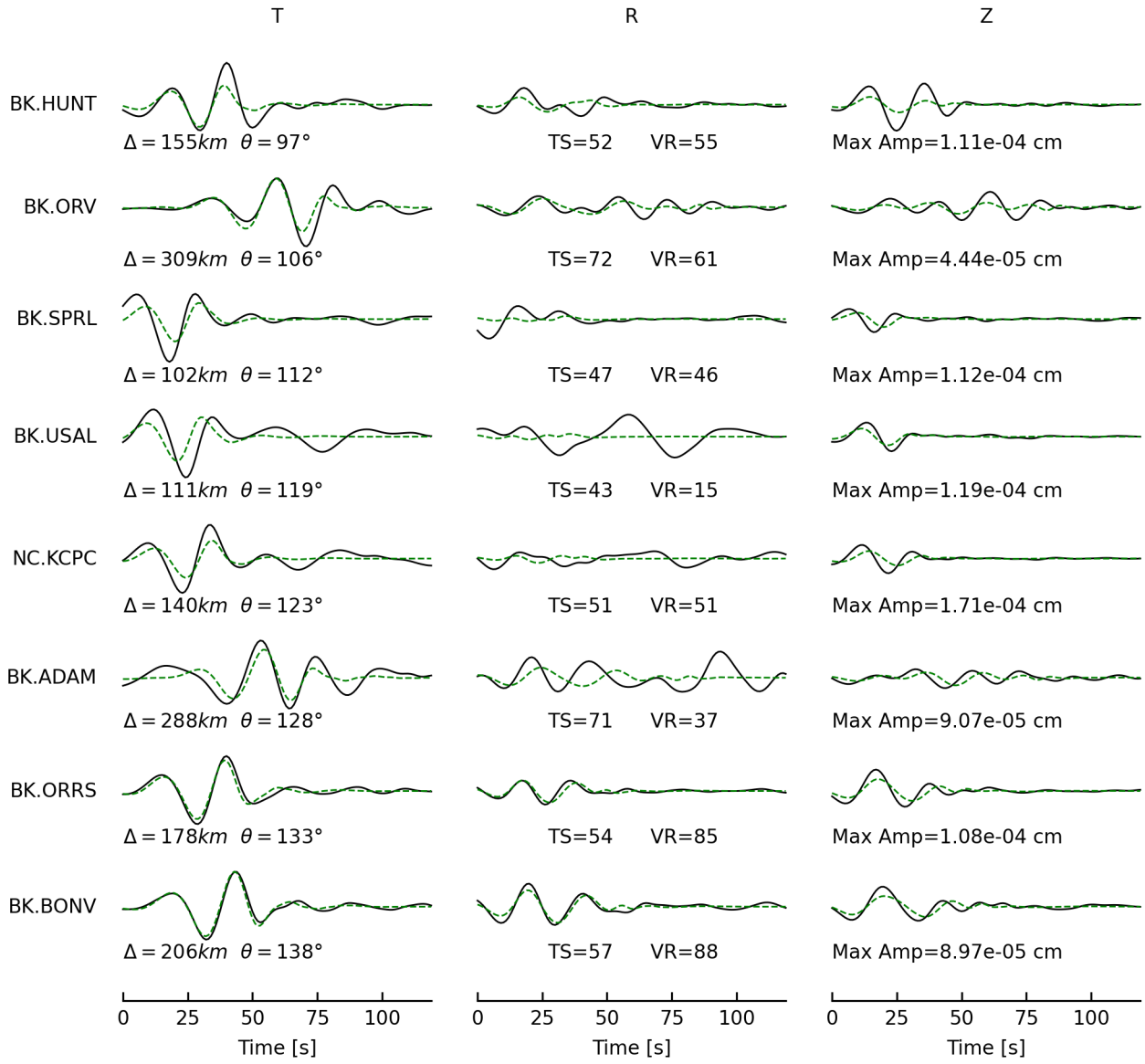

T
R
Z
BK.HRCH
Δ = 248km θ = 143°
TS=61 VR=82
Max Amp=7.77e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

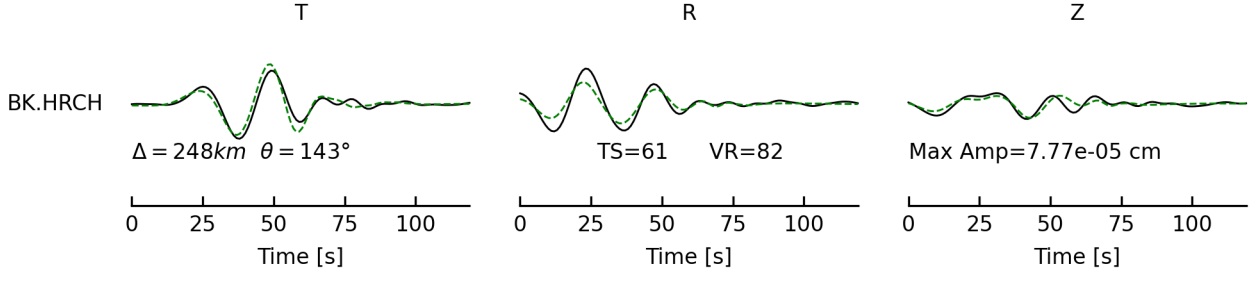
Deviatoric Moment Tensor Inversion
Evid = 75099566
Depth = 6.0 km
Mw = 4.23
M0 = 2.73e+22 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (256,72,77) (112,22,124)
npts = 120 vred = 7.692 km/s
VR = 36.70% lune:-1,0



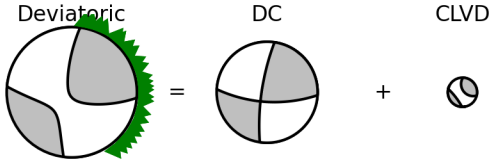


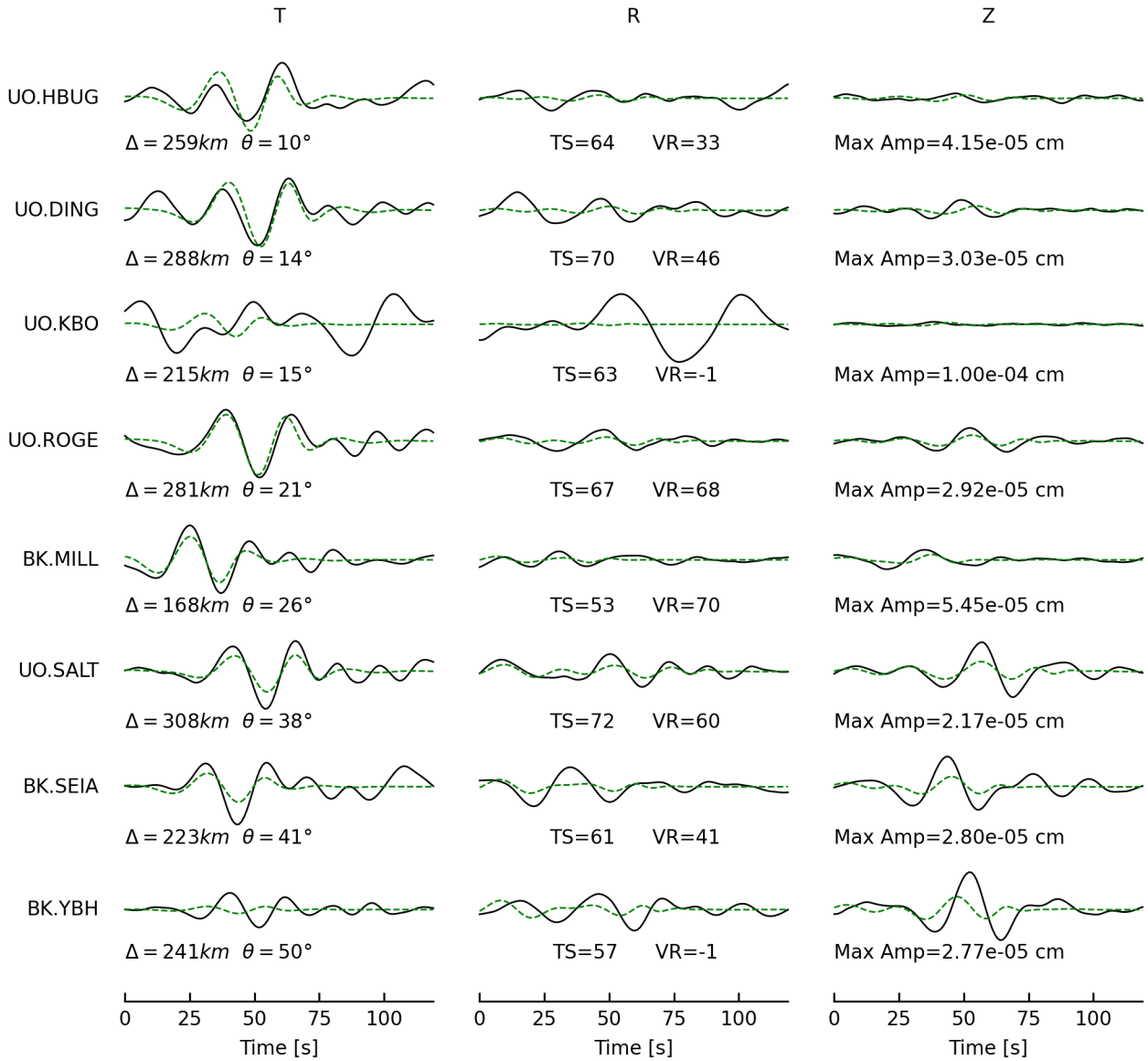

T
R
Z
BK.JCC
Δ = 93km θ = 57°
TS=44 VR=75
Max Amp=1.74e-04 cm
BK.GUMB
Δ = 226km θ = 65°
TS=62 VR=84
Max Amp=7.72e-05 cm
BK.TRIN
Δ = 202km θ = 70°
TS=58 VR=68
Max Amp=8.03e-05 cm
BK.SAGE
Δ = 251km θ = 78°
TS=65 VR=46
Max Amp=6.12e-05 cm
BK.HAYF
Δ = 147km θ = 83°
TS=51 VR=65
Max Amp=8.22e-05 cm
BK.DLIK
Δ = 175km θ = 86°
TS=55 VR=63
Max Amp=6.32e-05 cm
BK.WLKR
Δ = 54km θ = 91°
TS=33 VR=-7
Max Amp=4.44e-04 cm
BK.GHOP
Δ = 83km θ = 95°
TS=38 VR=-2
Max Amp=1.60e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

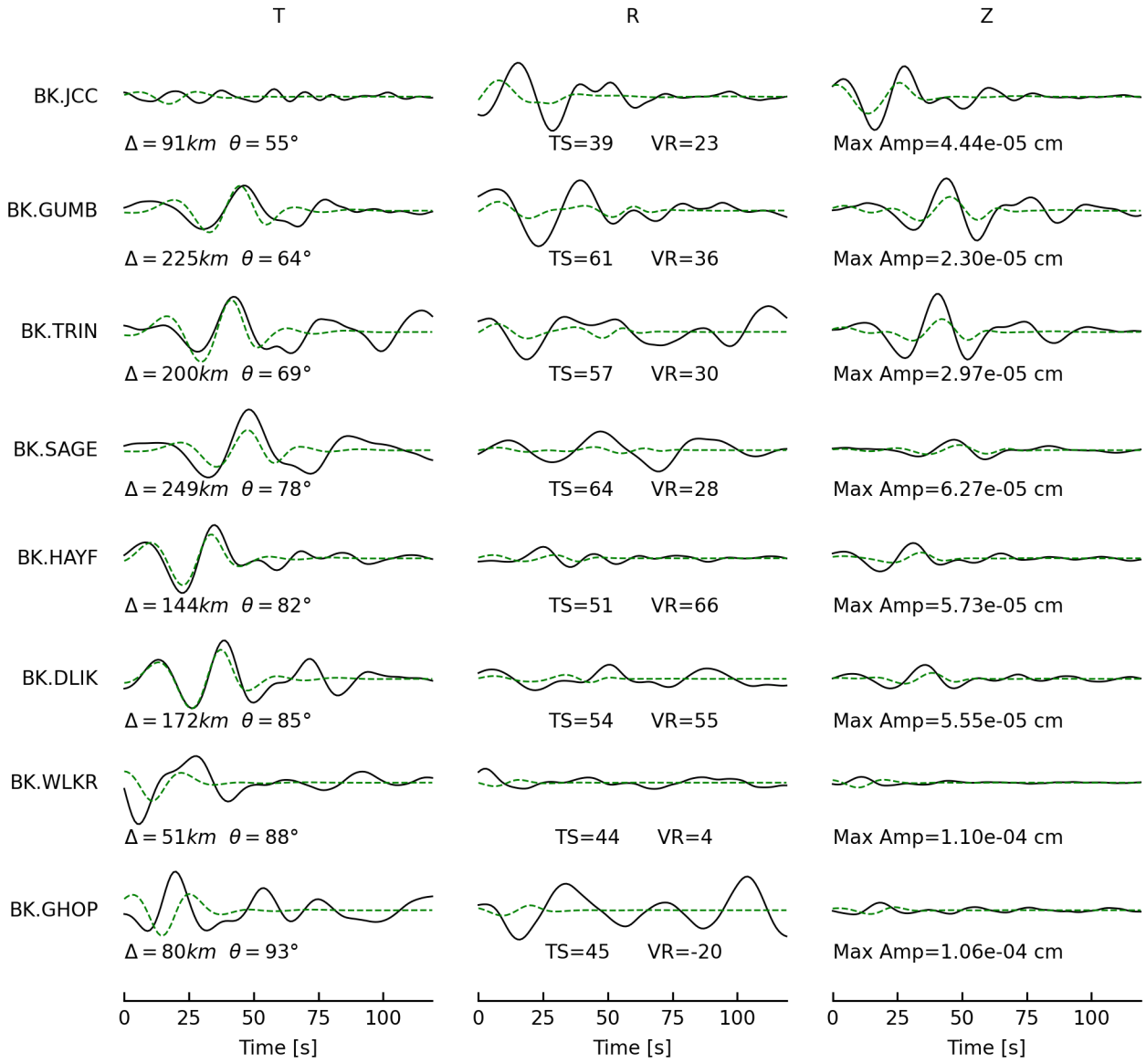

T
R
Z
BK.HUNT
Δ = 155km θ = 97°
TS=52 VR=55
Max Amp=1.11e-04 cm
BK.ORV
Δ = 309km θ = 106°
TS=72 VR=61
Max Amp=4.44e-05 cm
BK.SPRL
Δ = 102km θ = 112°
TS=47 VR=46
Max Amp=1.12e-04 cm
BK.USAL
Δ = 111km θ = 119°
TS=43 VR=15
Max Amp=1.19e-04 cm
NC.KCPC
Δ = 140km θ = 123°
TS=51 VR=51
Max Amp=1.71e-04 cm
BK.ADAM
Δ = 288km θ = 128°
TS=71 VR=37
Max Amp=9.07e-05 cm
BK.ORRS
Δ = 178km θ = 133°
TS=54 VR=85
Max Amp=1.08e-04 cm
BK.BONV
Δ = 206km θ = 138°
TS=57 VR=88
Max Amp=8.97e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

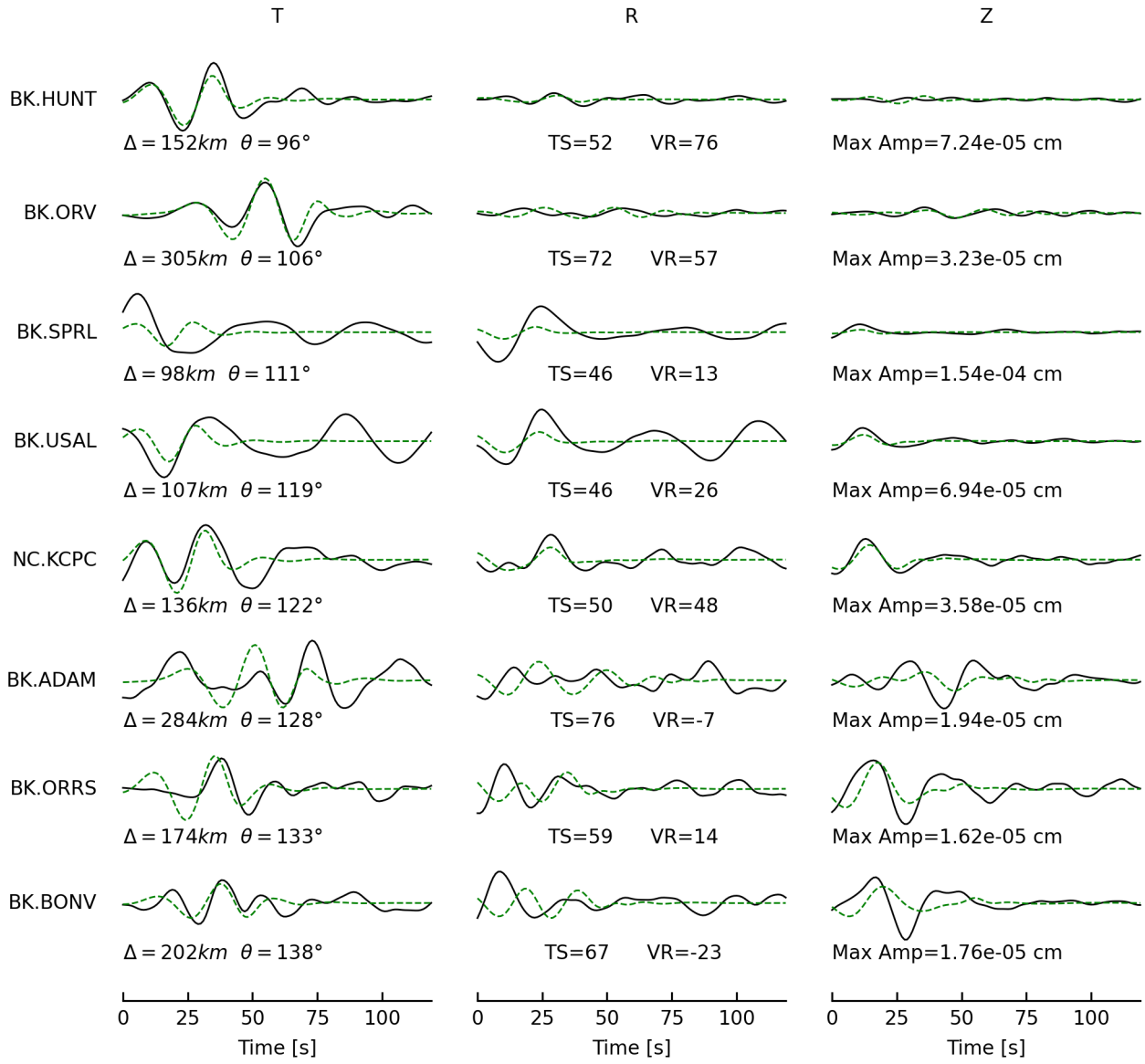

T
R
Z
BK.HRCH
Δ = 248km θ = 143°
TS=61 VR=82
Max Amp=7.77e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

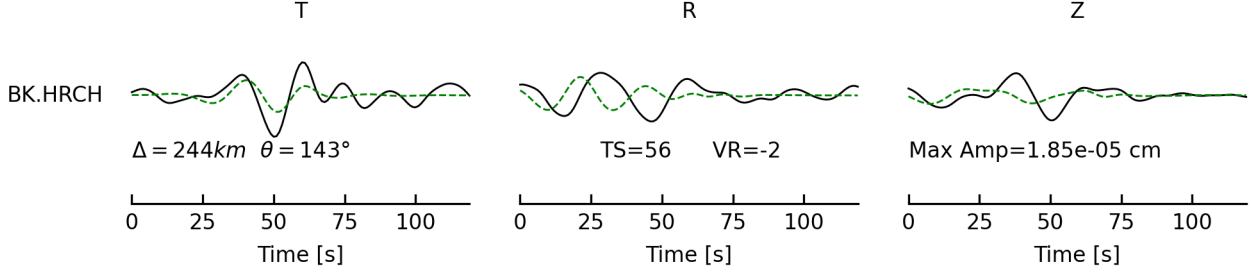
Deviatoric Moment Tensor Inversion
Evid = 75099936
Depth = 17.0 km
Mw = 3.87
M0 = 7.82e+21 dyne-cm
Percent DC/CLVD/ISO = 78/22/0
sdr = (93,68,167) (188,78,22)
npts = 120 vred = 7.692 km/s
VR = 16.09% lune:-6,0



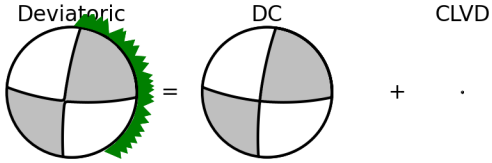


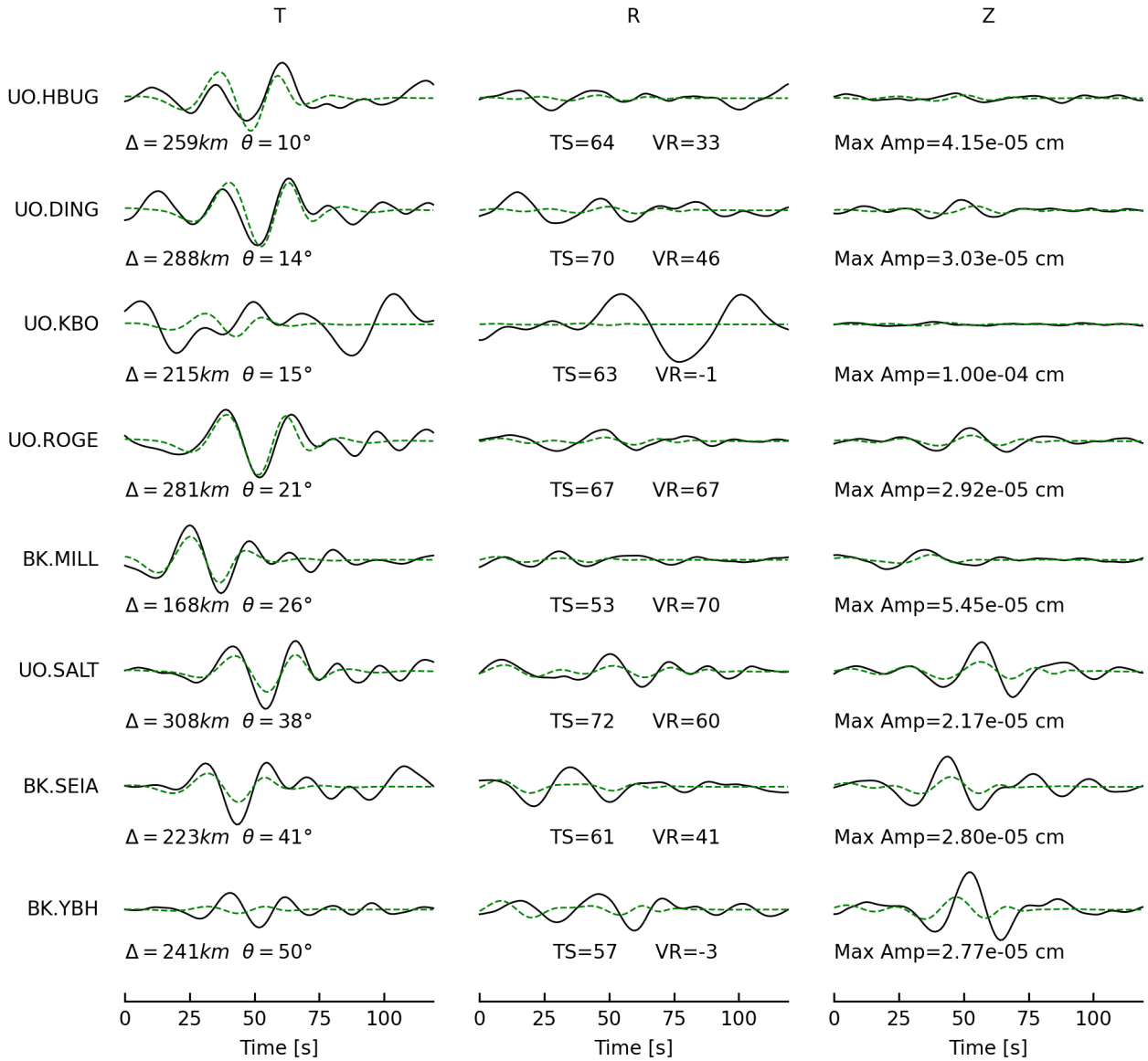

T
R
Z
BK.JCC
Δ = 91km θ = 55°
TS=39 VR=23
Max Amp=4.44e-05 cm
BK.GUMB
Δ = 225km θ = 64°
TS=61 VR=36
Max Amp=2.30e-05 cm
BK.TRIN
Δ = 200km θ = 69°
TS=57 VR=30
Max Amp=2.97e-05 cm
BK.SAGE
Δ = 249km θ = 78°
TS=64 VR=28
Max Amp=6.27e-05 cm
BK.HAYF
Δ = 144km θ = 82°
TS=51 VR=66
Max Amp=5.73e-05 cm
BK.DLIK
Δ = 172km θ = 85°
TS=54 VR=55
Max Amp=5.55e-05 cm
BK.WLKR
Δ = 51km θ = 88°
TS=44 VR=4
Max Amp=1.10e-04 cm
BK.GHOP
Δ = 80km θ = 93°
TS=45 VR=-20
Max Amp=1.06e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

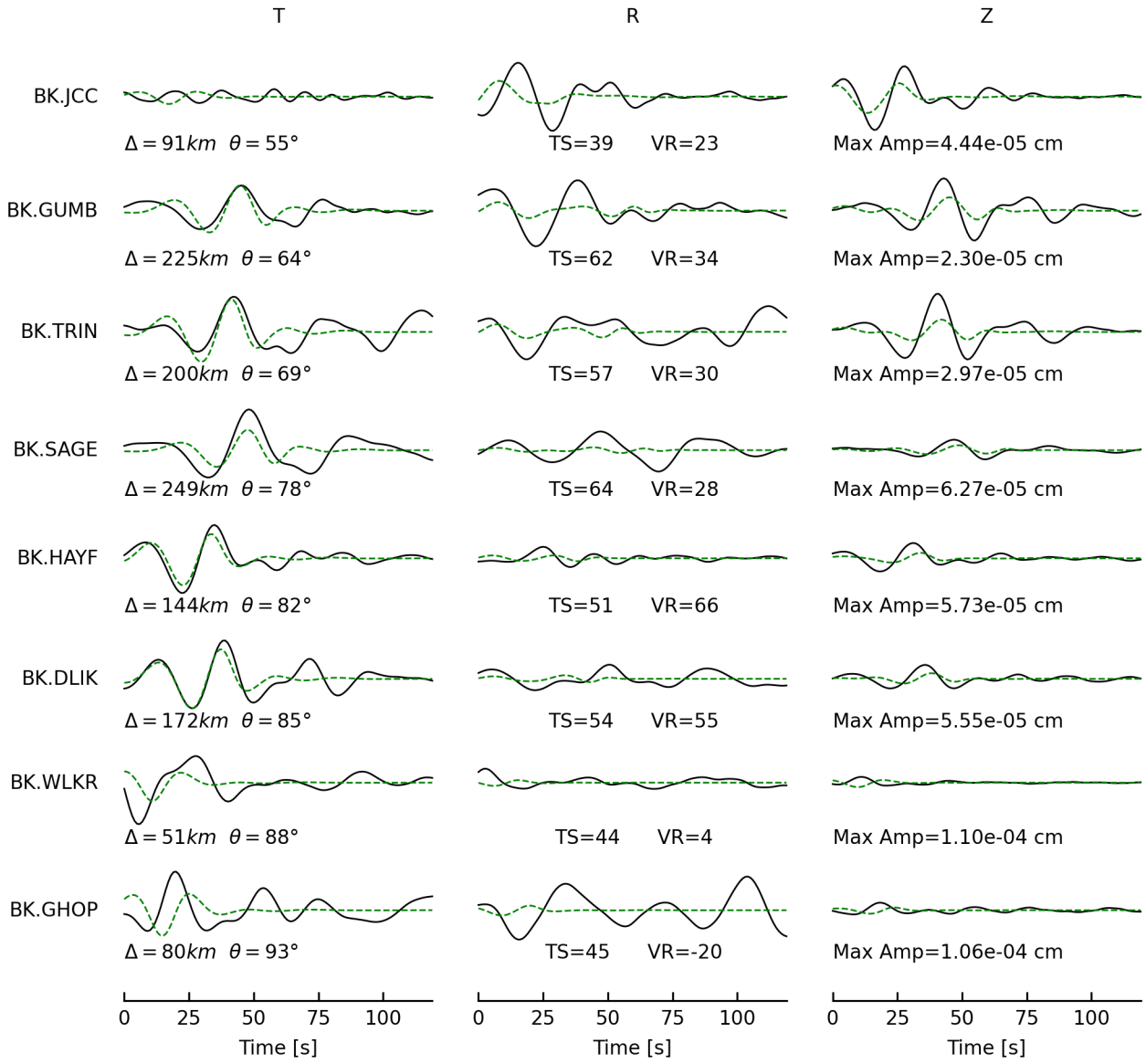

T
R
Z
BK.HUNT
Δ = 152km θ = 96°
TS=52 VR=76
Max Amp=7.24e-05 cm
BK.ORV
Δ = 305km θ = 106°
TS=72 VR=57
Max Amp=3.23e-05 cm
BK.SPRL
Δ = 98km θ = 111°
TS=46 VR=13
Max Amp=1.54e-04 cm
BK.USAL
Δ = 107km θ = 119°
TS=46 VR=26
Max Amp=6.94e-05 cm
NC.KCPC
Δ = 136km θ = 122°
TS=50 VR=48
Max Amp=3.58e-05 cm
BK.ADAM
Δ = 284km θ = 128°
TS=76 VR=-7
Max Amp=1.94e-05 cm
BK.ORRS
Δ = 174km θ = 133°
TS=59 VR=14
Max Amp=1.62e-05 cm
BK.BONV
Δ = 202km θ = 138°
TS=67 VR=-23
Max Amp=1.76e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

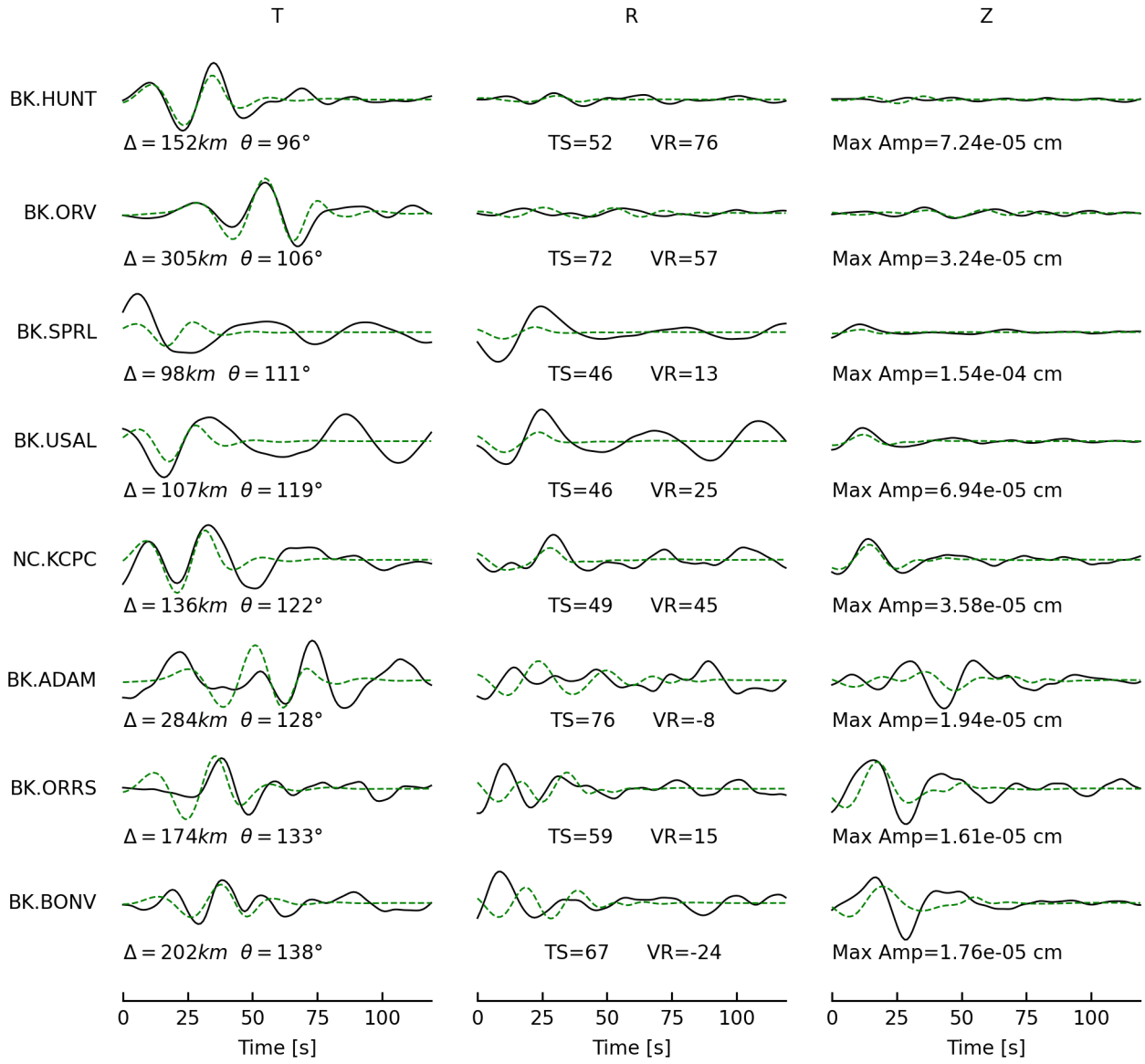

T
R
Z
BK.HRCH
Δ = 244km θ = 143°
TS=56 VR=-2
Max Amp=1.85e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

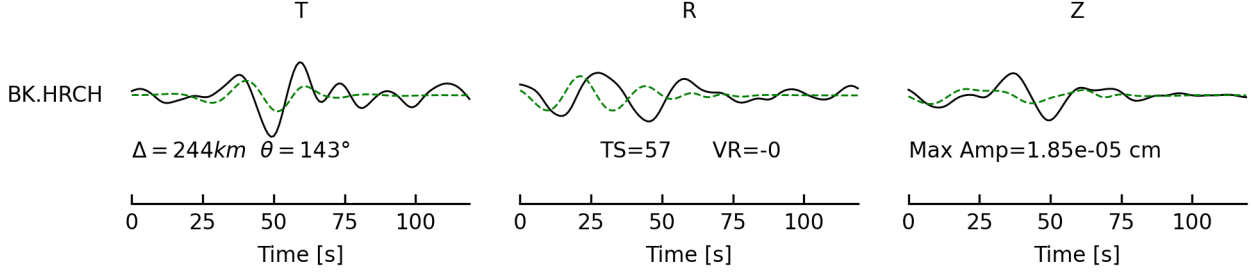
Deviatoric Moment Tensor Inversion
Evid = 75099936
Depth = 16.0 km
Mw = 3.84
M0 = 7.13e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (94,73,169) (188,79,17)
npts = 120 vred = 7.692 km/s
VR = 16.01% lune:0,0



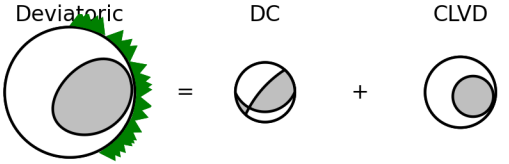


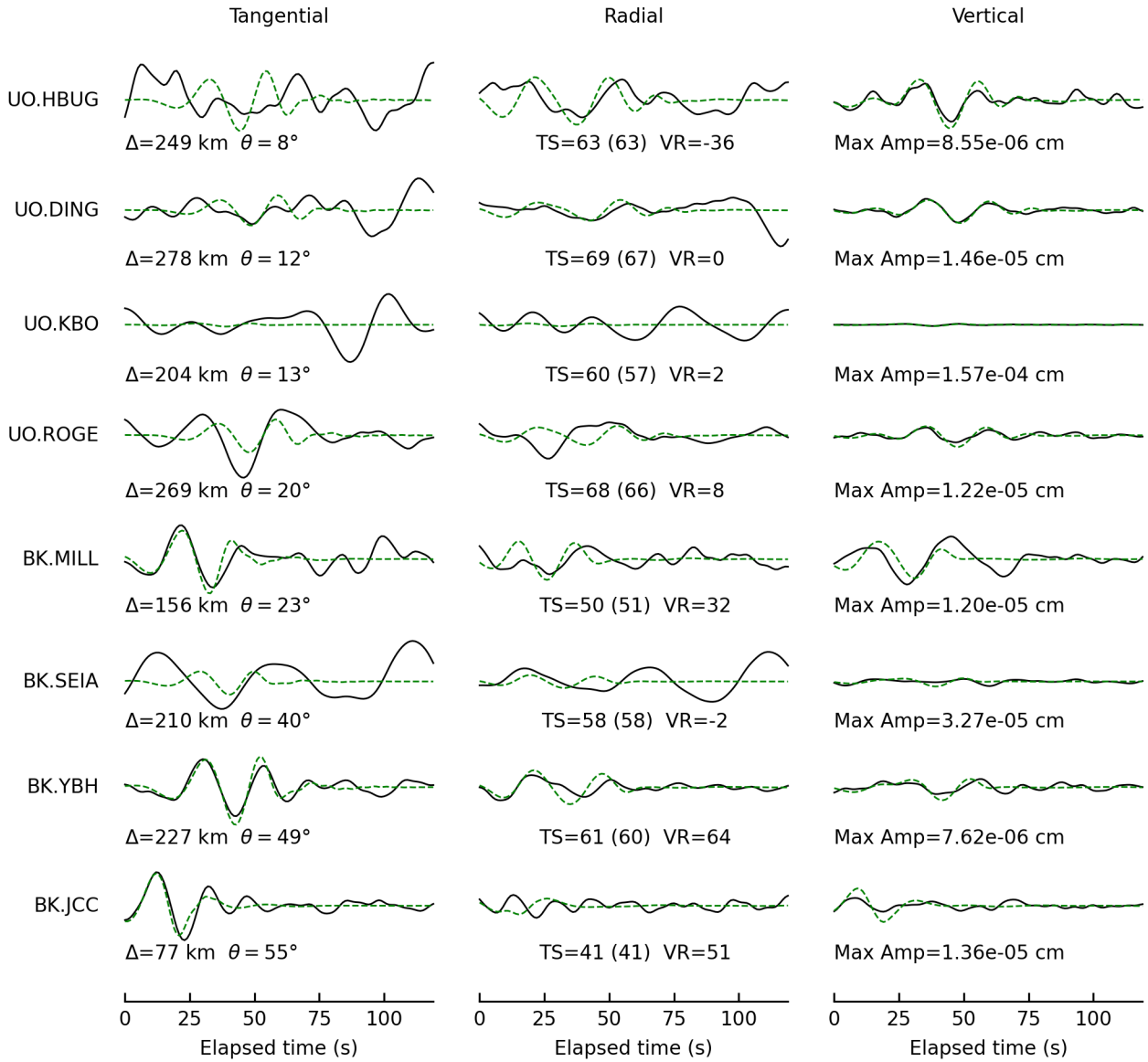

T
R
Z
BK.JCC
Δ = 91km θ = 55°
TS=39 VR=23
Max Amp=4.44e-05 cm
BK.GUMB
Δ = 225km θ = 64°
TS=62 VR=34
Max Amp=2.30e-05 cm
BK.TRIN
Δ = 200km θ = 69°
TS=57 VR=30
Max Amp=2.97e-05 cm
BK.SAGE
Δ = 249km θ = 78°
TS=64 VR=28
Max Amp=6.27e-05 cm
BK.HAYF
Δ = 144km θ = 82°
TS=51 VR=66
Max Amp=5.73e-05 cm
BK.DLIK
Δ = 172km θ = 85°
TS=54 VR=55
Max Amp=5.55e-05 cm
BK.WLKR
Δ = 51km θ = 88°
TS=44 VR=4
Max Amp=1.10e-04 cm
BK.GHOP
Δ = 80km θ = 93°
TS=45 VR=-20
Max Amp=1.06e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

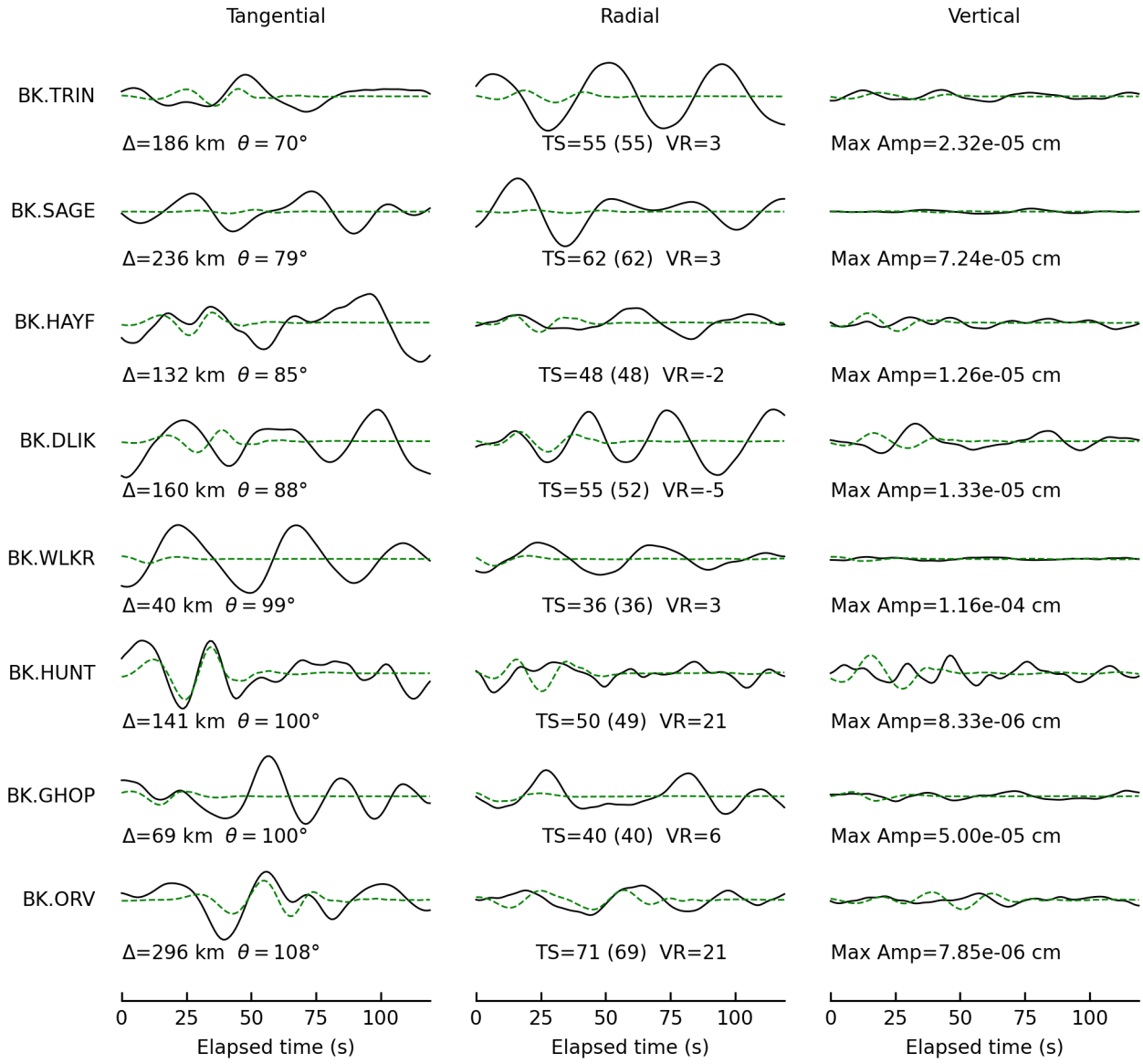

T
R
Z
BK.HUNT
Δ = 152km θ = 96°
TS=52 VR=76
Max Amp=7.24e-05 cm
BK.ORV
Δ = 305km θ = 106°
TS=72 VR=57
Max Amp=3.24e-05 cm
BK.SPRL
Δ = 98km θ = 111°
TS=46 VR=13
Max Amp=1.54e-04 cm
BK.USAL
Δ = 107km θ = 119°
TS=46 VR=25
Max Amp=6.94e-05 cm
NC.KCPC
Δ = 136km θ = 122°
TS=49 VR=45
Max Amp=3.58e-05 cm
BK.ADAM
Δ = 284km θ = 128°
TS=76 VR=-8
Max Amp=1.94e-05 cm
BK.ORRS
Δ = 174km θ = 133°
TS=59 VR=15
Max Amp=1.61e-05 cm
BK.BONV
Δ = 202km θ = 138°
TS=67 VR=-24
Max Amp=1.76e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

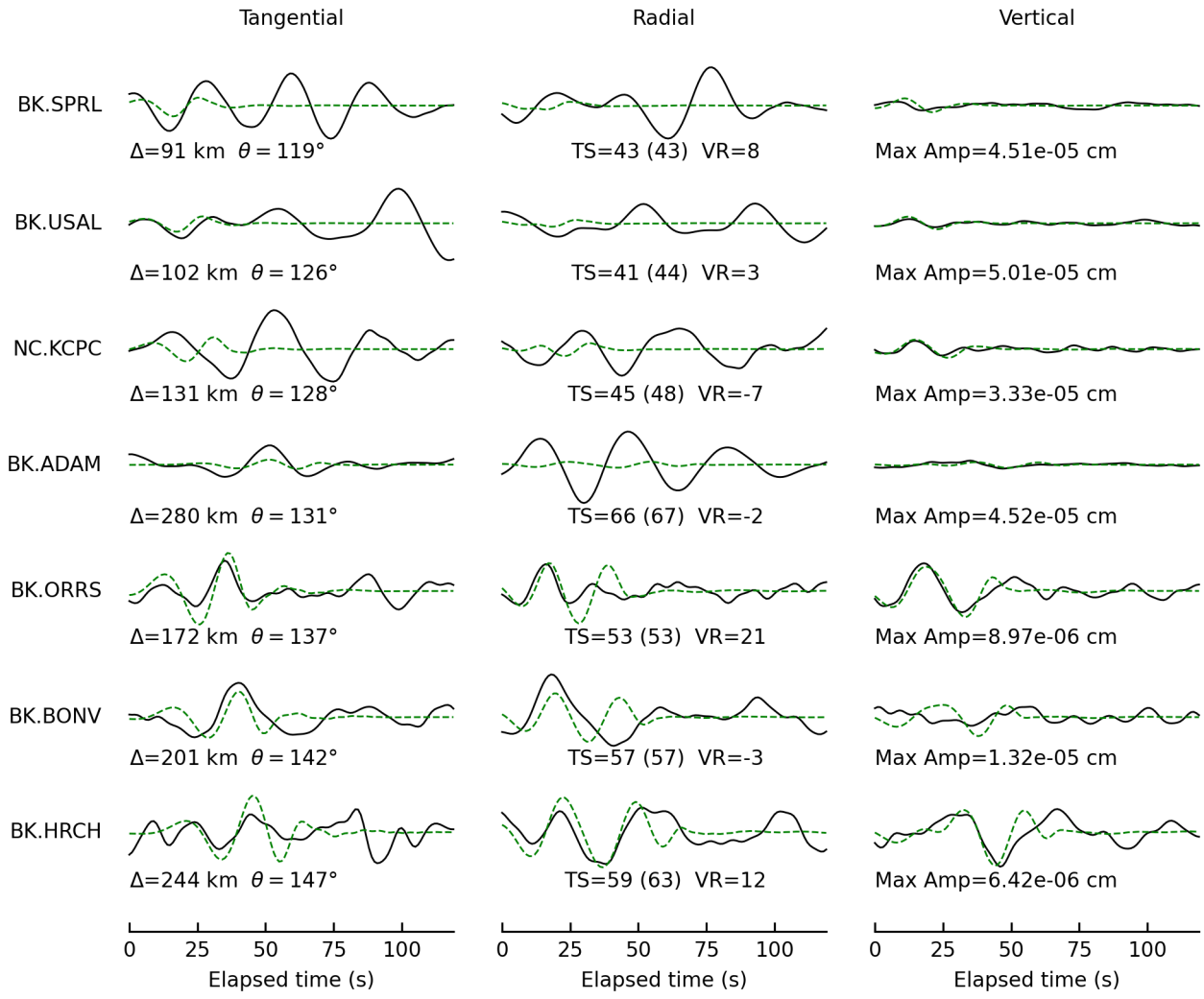

T
R
Z
BK.HRCH
Δ = 244km θ = 143°
TS=57 VR=-0
Max Amp=1.85e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75099986
Depth = 3.0 km
Mw = 3.63
M0 = 3.42e+21 dyne-cm
Percent DC/CLVD/ISO = 46/54/0
sdr = (221,74,73) (89,23,136)
npts = 120 vred = 7.692 km/s
VR = 2.12% lune:-15,0

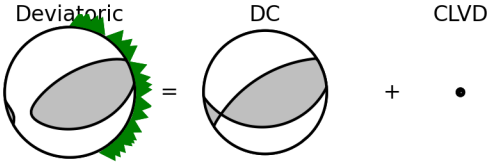


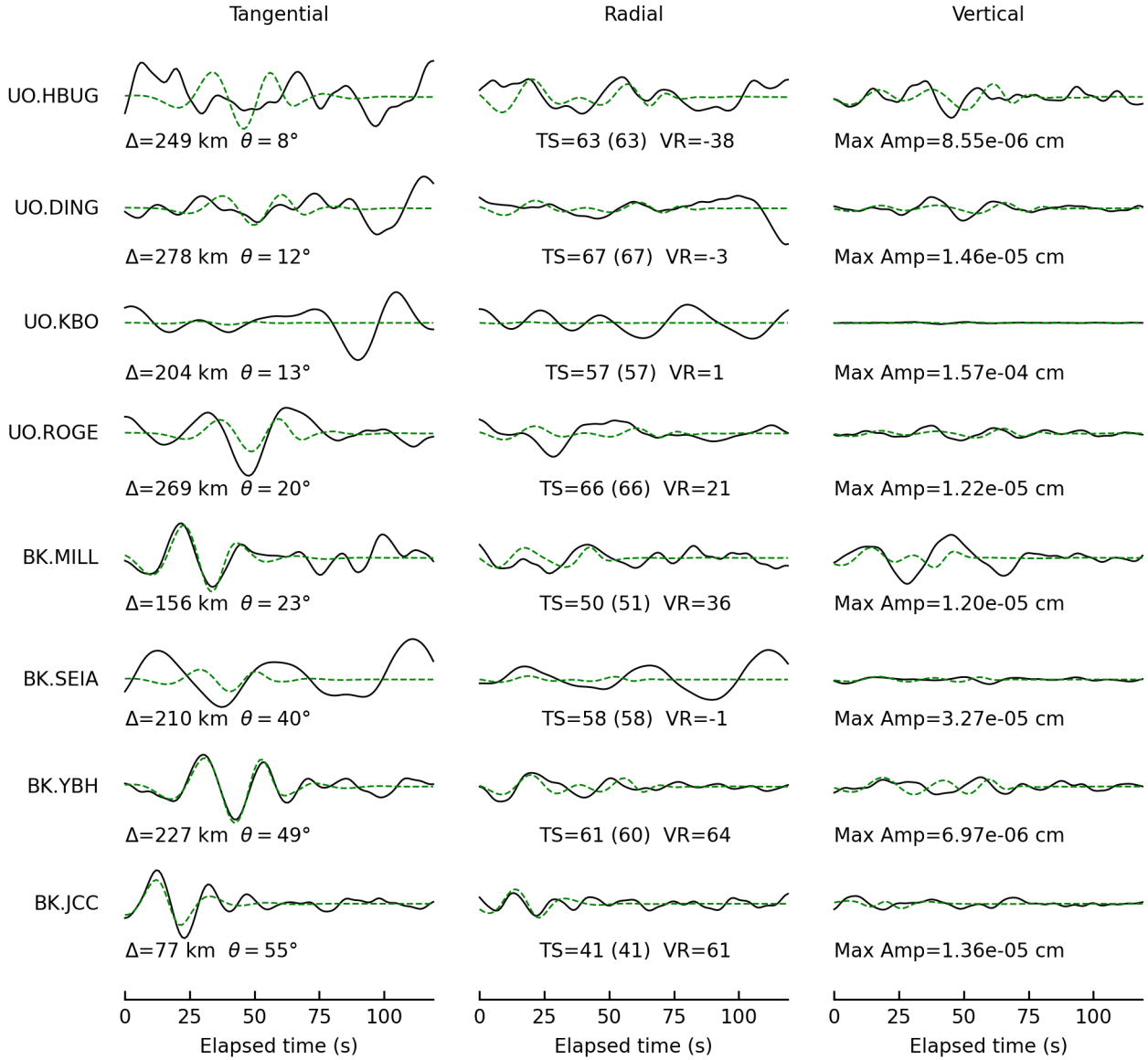


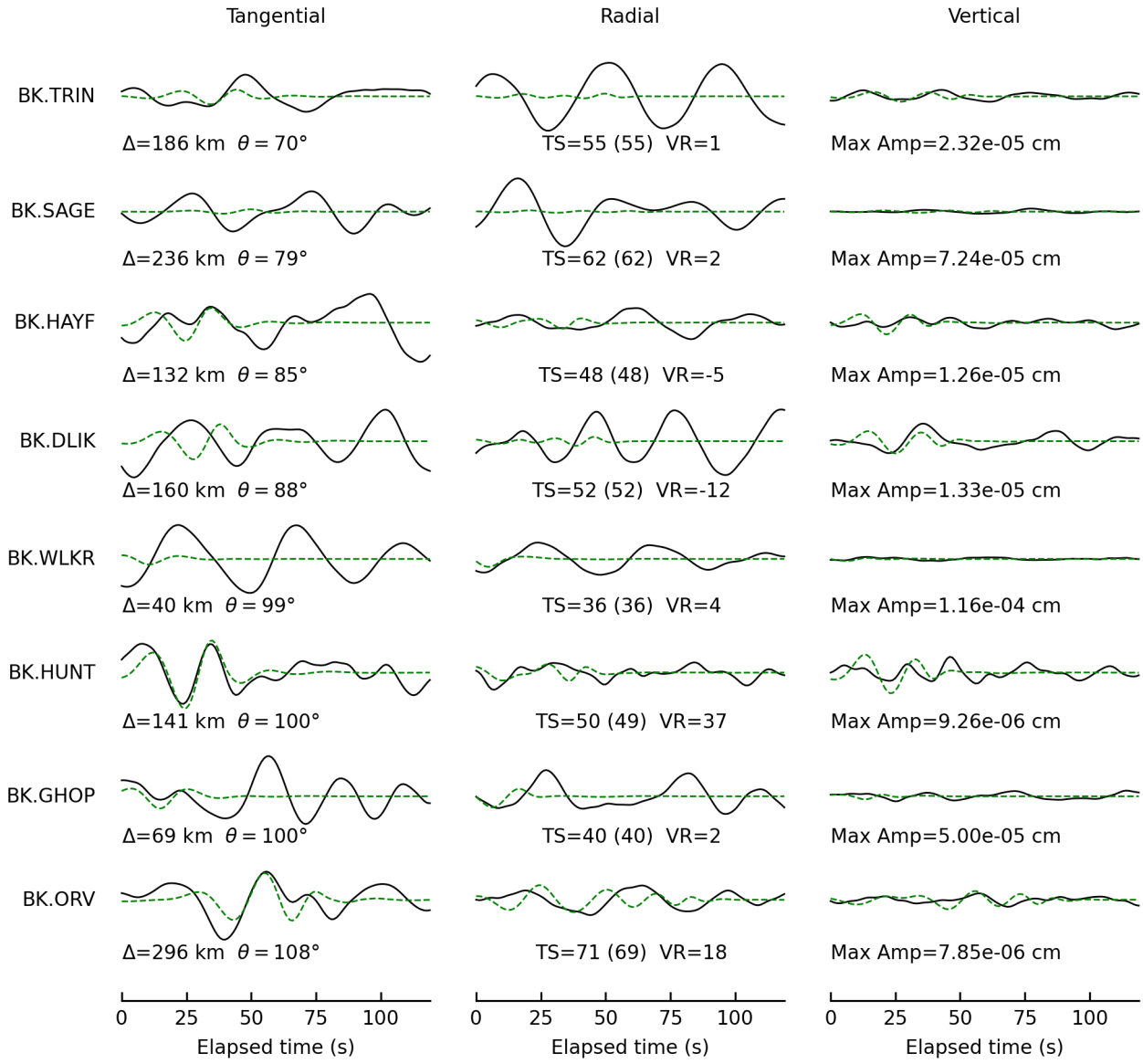

Tangential
Radial
Vertical
BK.TRIN
Δ=186 km θ = 70°
TS=55 (55) VR=3
Max Amp=2.32e-05 cm
BK.SAGE
Δ=236 km θ = 79°
TS=62 (62) VR=3
Max Amp=7.24e-05 cm
BK.HAYF
Δ=132 km θ = 85°
TS=48 (48) VR=-2
Max Amp=1.26e-05 cm
BK.DLIK
Δ=160 km θ = 88°
TS=55 (52) VR=-5
Max Amp=1.33e-05 cm
BK.WLKR
Δ=40 km θ = 99°
TS=36 (36) VR=3
Max Amp=1.16e-04 cm
BK.HUNT
Δ=141 km θ = 100°
TS=50 (49) VR=21
Max Amp=8.33e-06 cm
BK.GHOP
Δ=69 km θ = 100°
TS=40 (40) VR=6
Max Amp=5.00e-05 cm
BK.ORV
Δ=296 km θ = 108°
TS=71 (69) VR=21
Max Amp=7.85e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

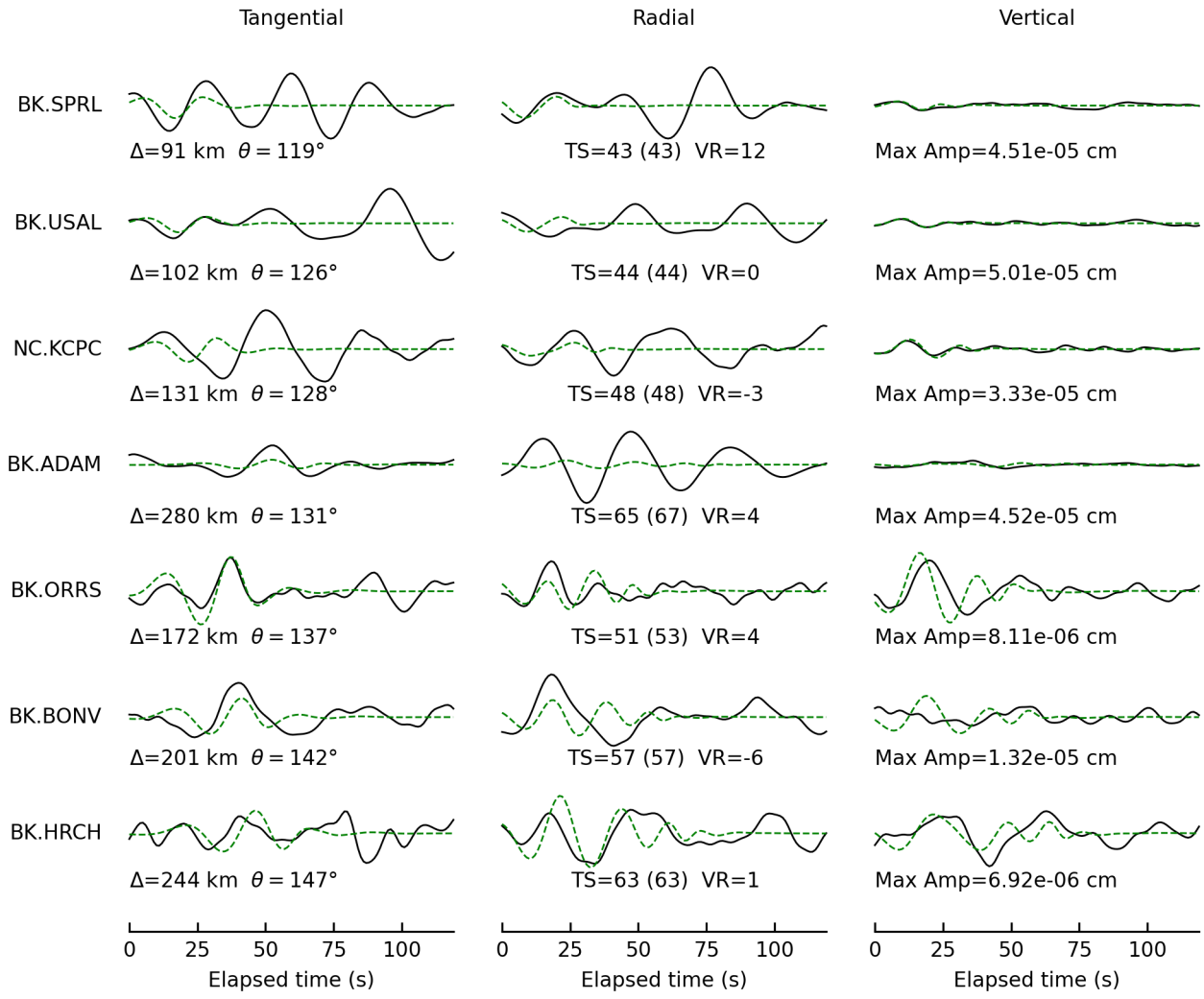

Tangential
Radial
Vertical
BK.SPRL
Δ=91 km θ = 119°
TS=43 (43) VR=8
Max Amp=4.51e-05 cm
BK.USAL
Δ=102 km θ = 126°
TS=41 (44) VR=3
Max Amp=5.01e-05 cm
NC.KCPC
Δ=131 km θ = 128°
TS=45 (48) VR=-7
Max Amp=3.33e-05 cm
BK.ADAM
Δ=280 km θ = 131°
TS=66 (67) VR=-2
Max Amp=4.52e-05 cm
BK.ORRS
Δ=172 km θ = 137°
TS=53 (53) VR=21
Max Amp=8.97e-06 cm
BK.BONV
Δ=201 km θ = 142°
TS=57 (57) VR=-3
Max Amp=1.32e-05 cm
BK.HRCH
Δ=244 km θ = 147°
TS=59 (63) VR=12
Max Amp=6.42e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75099986
Depth = 13.0 km
Mw = 3.57
M0 = 2.83e+21 dyne-cm
Percent DC/CLVD/ISO = 95/5/0
sdr = (237,62,76) (85,31,115)
npts = 120 vred = 7.692 km/s
VR = 1.93% lune:-1,0

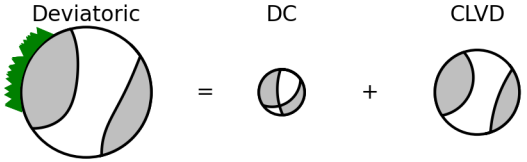


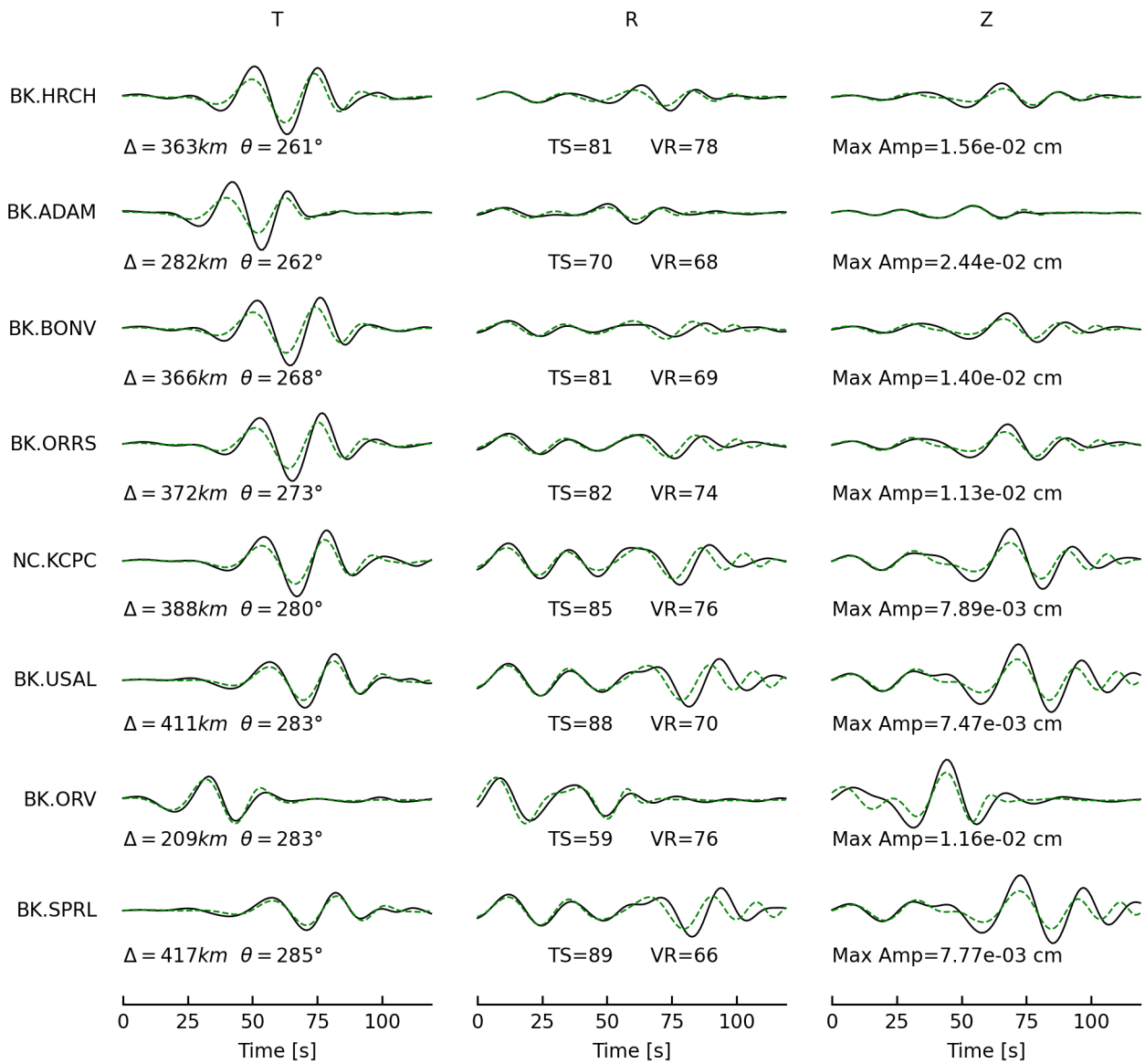


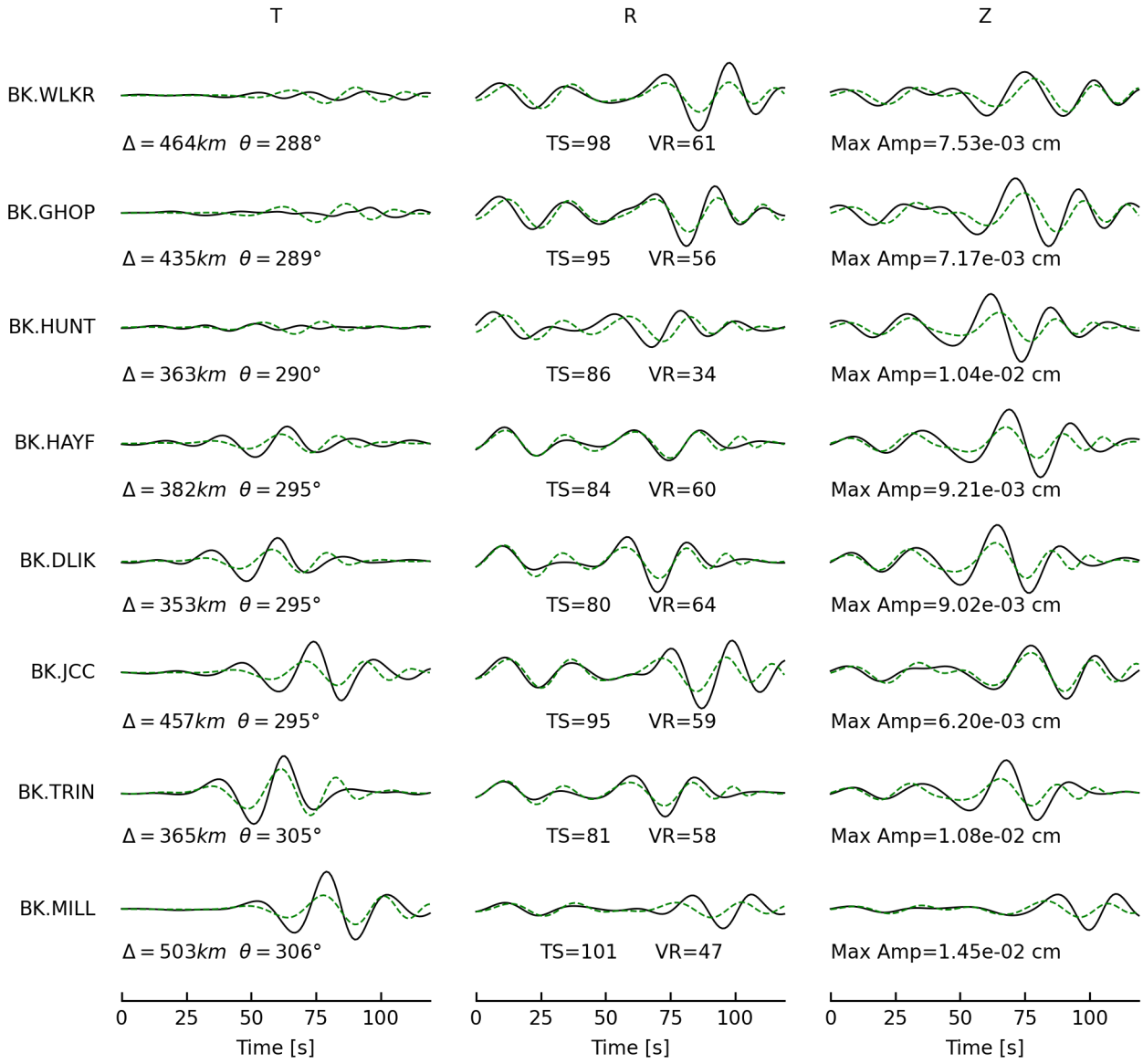

Tangential
Radial
Vertical
BK.TRIN
Δ=186 km θ = 70°
TS=55 (55) VR=1
Max Amp=2.32e-05 cm
BK.SAGE
Δ=236 km θ = 79°
TS=62 (62) VR=2
Max Amp=7.24e-05 cm
BK.HAYF
Δ=132 km θ = 85°
TS=48 (48) VR=-5
Max Amp=1.26e-05 cm
BK.DLIK
Δ=160 km θ = 88°
TS=52 (52) VR=-12
Max Amp=1.33e-05 cm
BK.WLKR
Δ=40 km θ = 99°
TS=36 (36) VR=4
Max Amp=1.16e-04 cm
BK.HUNT
Δ=141 km θ = 100°
TS=50 (49) VR=37
Max Amp=9.26e-06 cm
BK.GHOP
Δ=69 km θ = 100°
TS=40 (40) VR=2
Max Amp=5.00e-05 cm
BK.ORV
Δ=296 km θ = 108°
TS=71 (69) VR=18
Max Amp=7.85e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

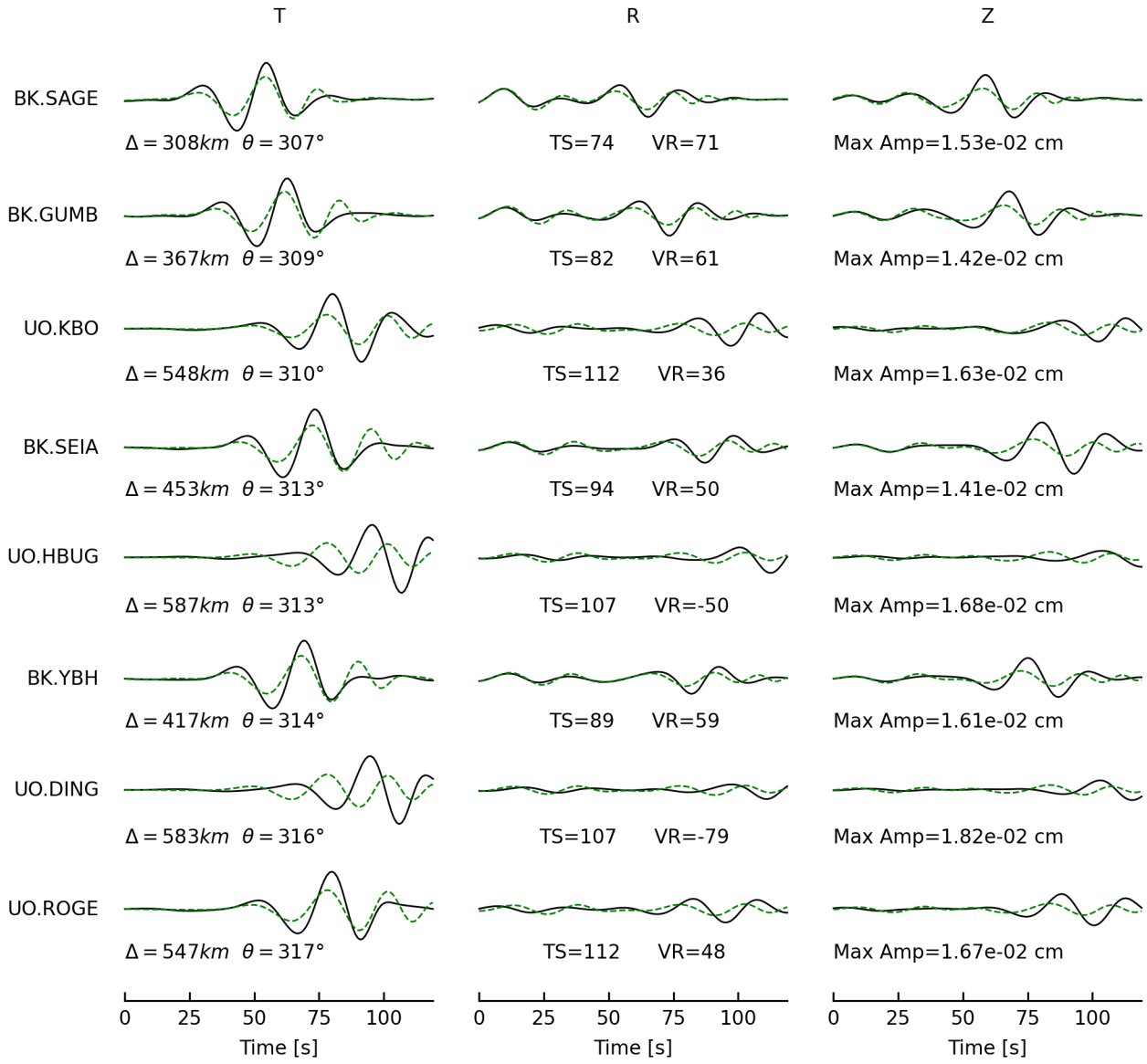

Tangential
Radial
Vertical
BK.SPRL
Δ=91 km θ = 119°
TS=43 (43) VR=12
Max Amp=4.51e-05 cm
BK.USAL
Δ=102 km θ = 126°
TS=44 (44) VR=0
Max Amp=5.01e-05 cm
NC.KCPC
Δ=131 km θ = 128°
TS=48 (48) VR=-3
Max Amp=3.33e-05 cm
BK.ADAM
Δ=280 km θ = 131°
TS=65 (67) VR=4
Max Amp=4.52e-05 cm
BK.ORRS
Δ=172 km θ = 137°
TS=51 (53) VR=4
Max Amp=8.11e-06 cm
BK.BONV
Δ=201 km θ = 142°
TS=57 (57) VR=-6
Max Amp=1.32e-05 cm
BK.HRCH
Δ=244 km θ = 147°
TS=63 (63) VR=1
Max Amp=6.92e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

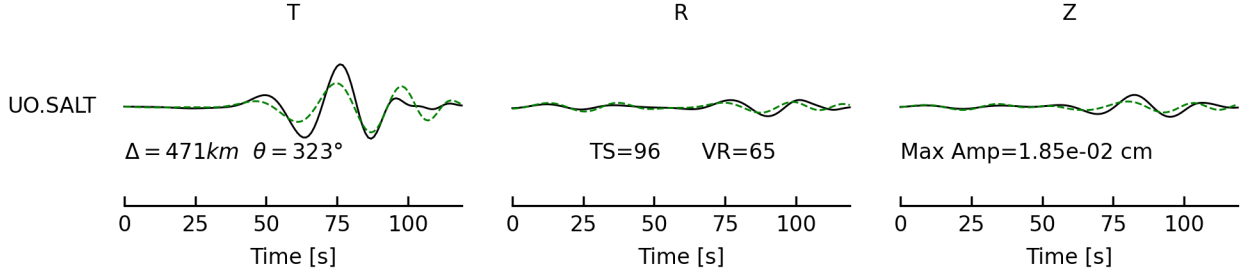
Deviatoric Moment Tensor Inversion
Evid = 75100356
Depth = 13.0 km
Mw = 5.67
M0 = 4.01e+24 dyne-cm
Percent DC/CLVD/ISO = 35/65/0
sdr = (55,36,-38) (177,69,-120)
npts = 120 vred = 7.692 km/s
VR = 41.21% lune:-19,0



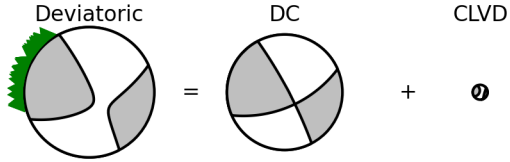


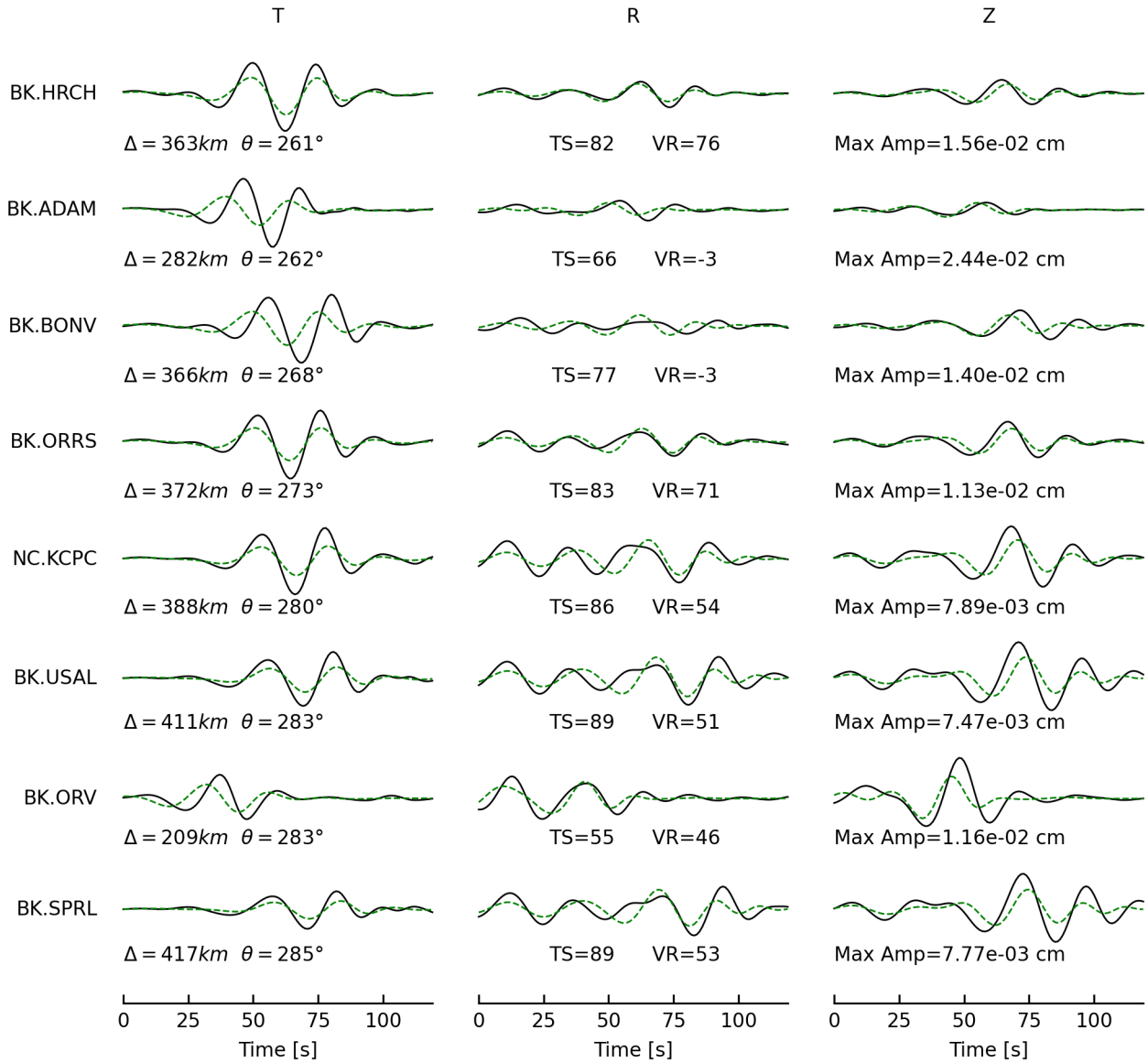

T
R
Z
BK.WLKR
Δ = 464km θ = 288°
TS=98 VR=61
Max Amp=7.53e-03 cm
BK.GHOP
Δ = 435km θ = 289°
TS=95 VR=56
Max Amp=7.17e-03 cm
BK.HUNT
Δ = 363km θ = 290°
TS=86 VR=34
Max Amp=1.04e-02 cm
BK.HAYF
Δ = 382km θ = 295°
TS=84 VR=60
Max Amp=9.21e-03 cm
BK.DLIK
Δ = 353km θ = 295°
TS=80 VR=64
Max Amp=9.02e-03 cm
BK.JCC
Δ = 457km θ = 295°
TS=95 VR=59
Max Amp=6.20e-03 cm
BK.TRIN
Δ = 365km θ = 305°
TS=81 VR=58
Max Amp=1.08e-02 cm
BK.MILL
Δ = 503km θ = 306°
TS=101 VR=47
Max Amp=1.45e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

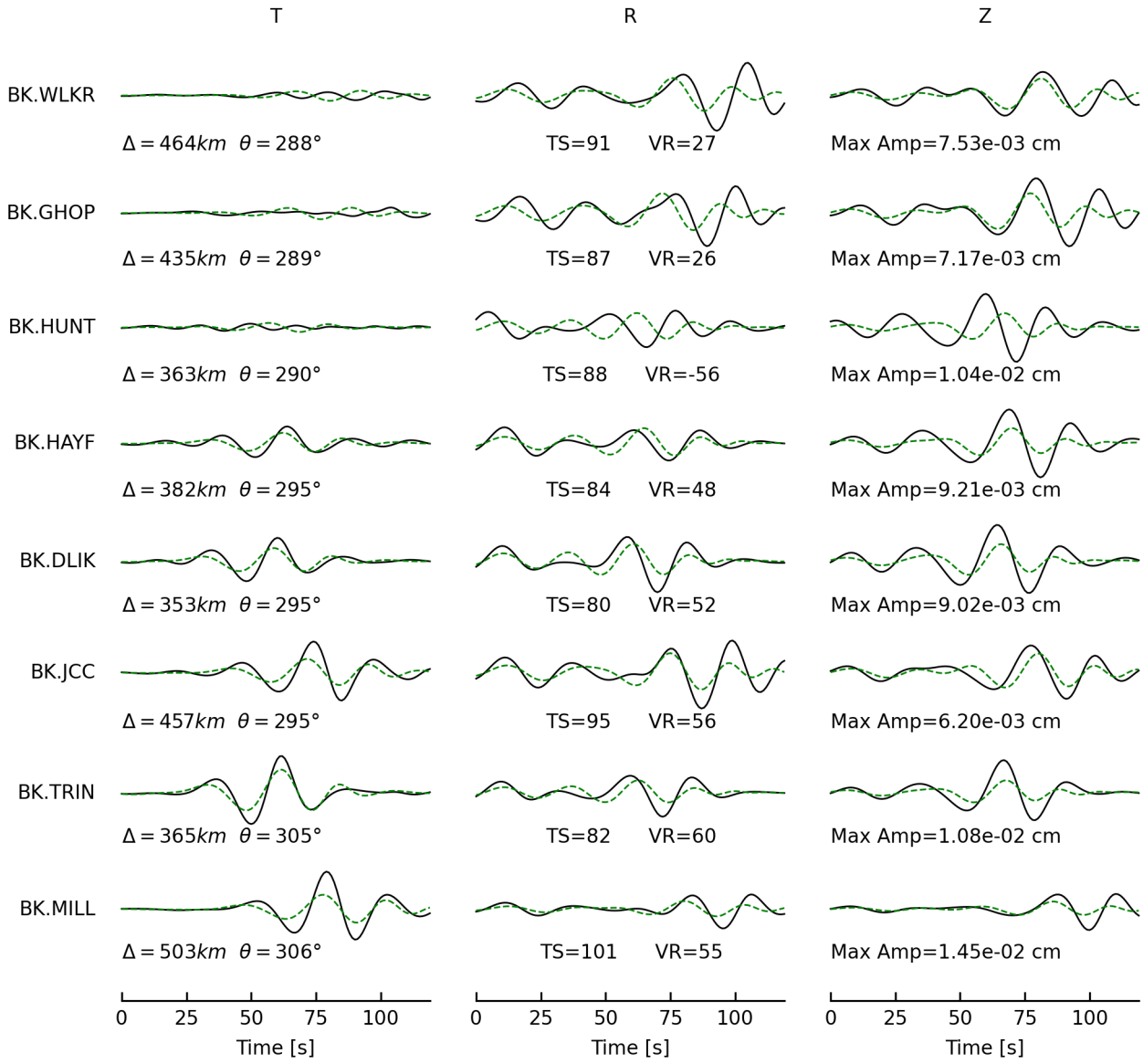

T
R
Z
BK.SAGE
Δ = 308km θ = 307°
TS=74 VR=71
Max Amp=1.53e-02 cm
BK.GUMB
Δ = 367km θ = 309°
TS=82 VR=61
Max Amp=1.42e-02 cm
UO.KBO
Δ = 548km θ = 310°
TS=112 VR=36
Max Amp=1.63e-02 cm
BK.SEIA
Δ = 453km θ = 313°
TS=94 VR=50
Max Amp=1.41e-02 cm
UO.HBUG
Δ = 587km θ = 313°
TS=107 VR=-50
Max Amp=1.68e-02 cm
BK.YBH
Δ = 417km θ = 314°
TS=89 VR=59
Max Amp=1.61e-02 cm
UO.DING
Δ = 583km θ = 316°
TS=107 VR=-79
Max Amp=1.82e-02 cm
UO.ROGE
Δ = 547km θ = 317°
TS=112 VR=48
Max Amp=1.67e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

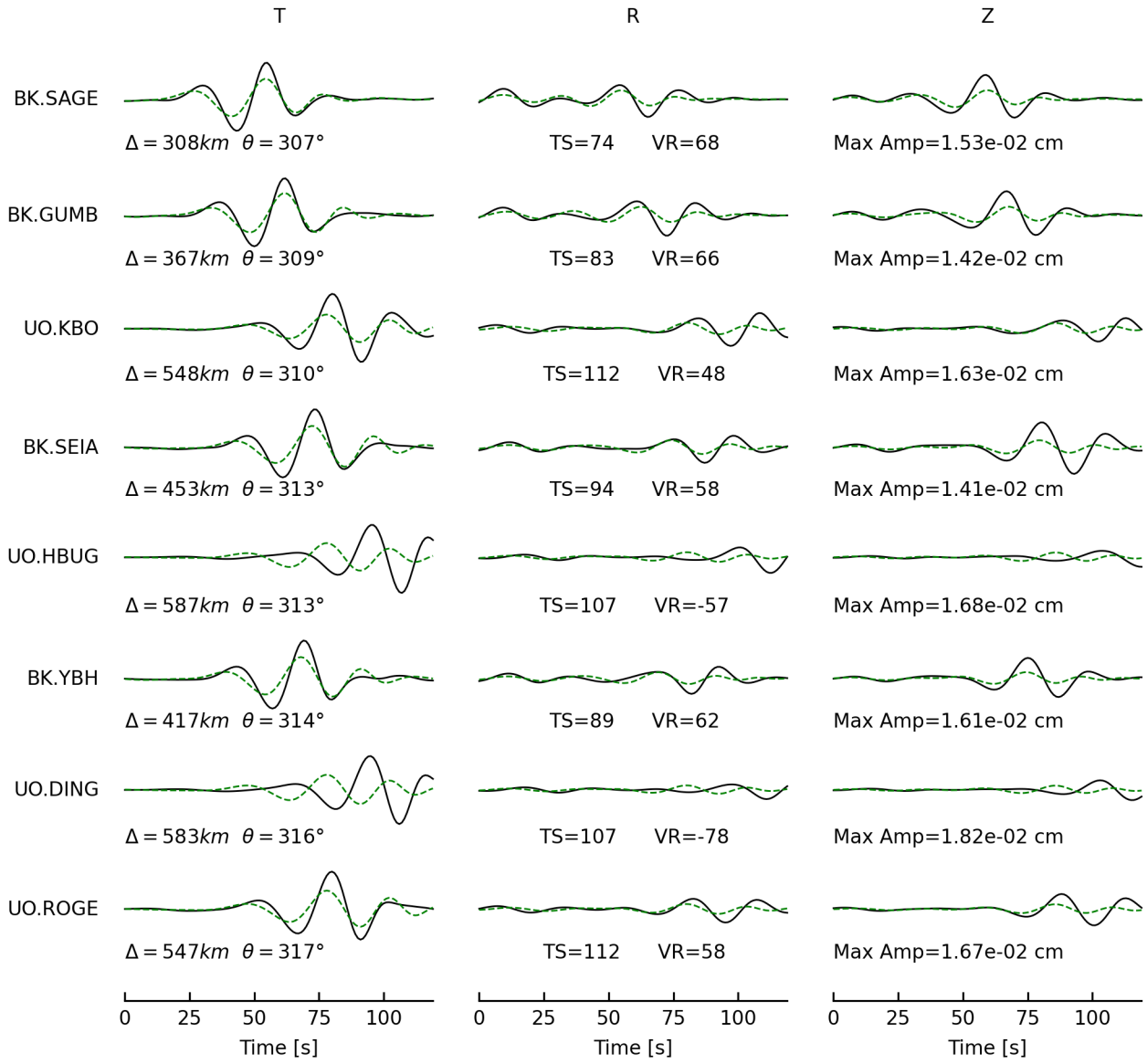

T
R
Z
UO.SALT
Δ = 471km θ = 323°
TS=96 VR=65
Max Amp=1.85e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

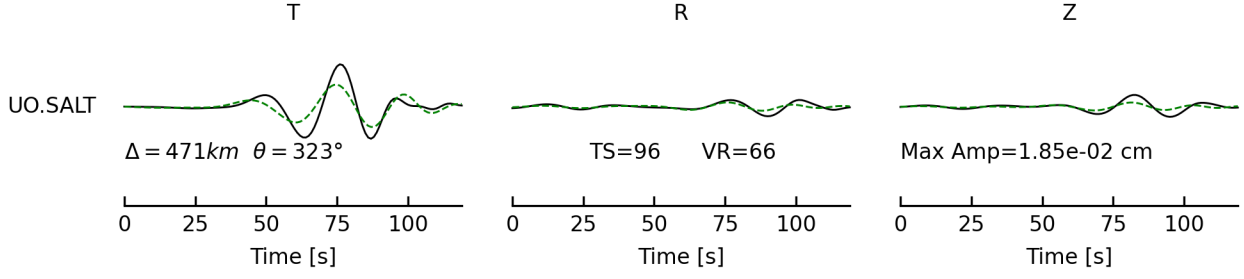
Deviatoric Moment Tensor Inversion
Evid = 75100356
Depth = 35.0 km
Mw = 5.79
M0 = 6.04e+24 dyne-cm
Percent DC/CLVD/ISO = 89/11/0
sdr = (66,61,9) (332,83,151)
npts = 120 vred = 7.692 km/s
VR = 29.02% lune:-3,0



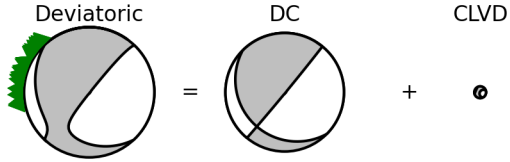


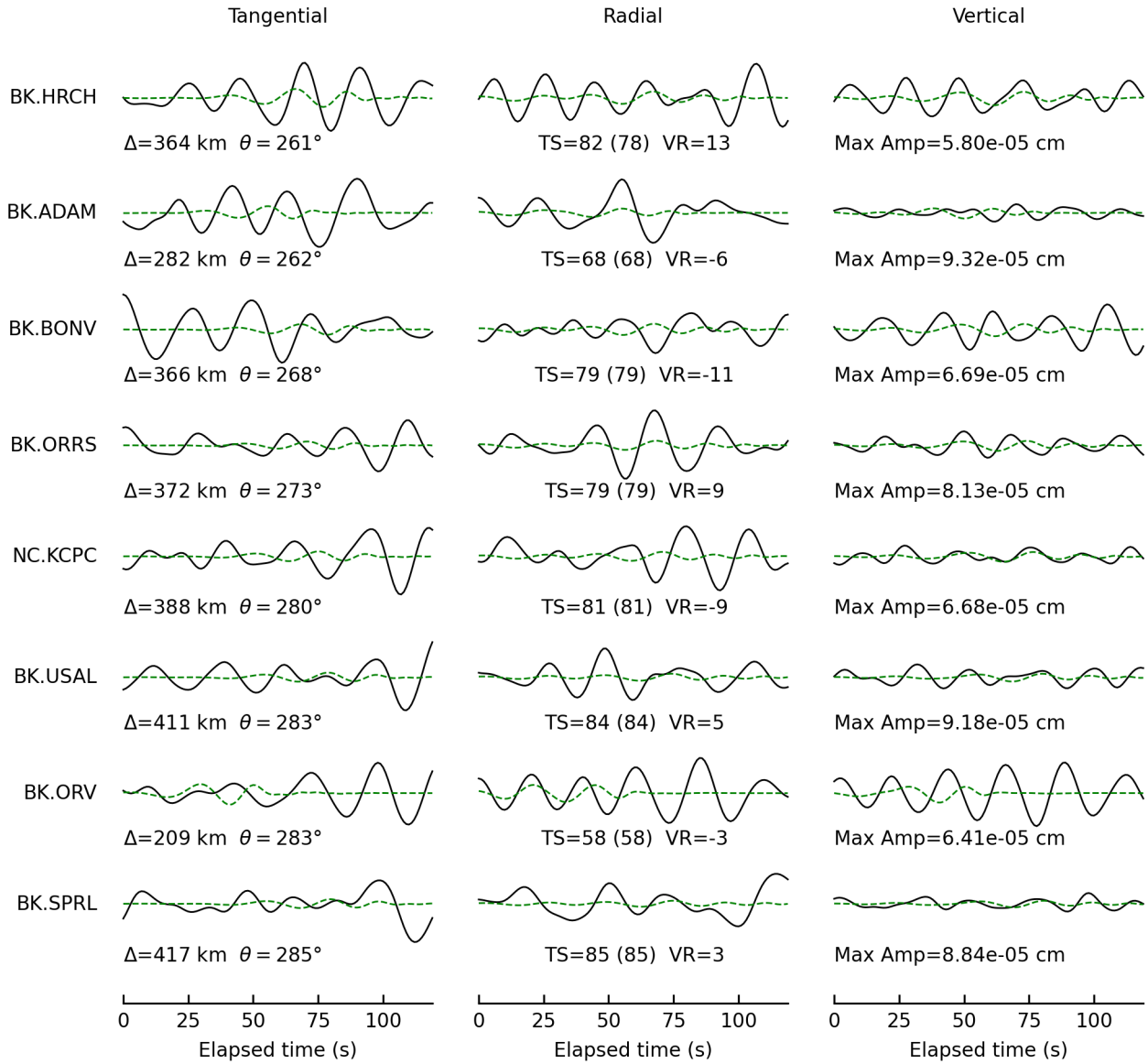

T
R
Z
BK.WLKR
Δ = 464km θ = 288°
TS=91 VR=27
Max Amp=7.53e-03 cm
BK.GHOP
Δ = 435km θ = 289°
TS=87 VR=26
Max Amp=7.17e-03 cm
BK.HUNT
Δ = 363km θ = 290°
TS=88 VR=-56
Max Amp=1.04e-02 cm
BK.HAYF
Δ = 382km θ = 295°
TS=84 VR=48
Max Amp=9.21e-03 cm
BK.DLIK
Δ = 353km θ = 295°
TS=80 VR=52
Max Amp=9.02e-03 cm
BK.JCC
Δ = 457km θ = 295°
TS=95 VR=56
Max Amp=6.20e-03 cm
BK.TRIN
Δ = 365km θ = 305°
TS=82 VR=60
Max Amp=1.08e-02 cm
BK.MILL
Δ = 503km θ = 306°
TS=101 VR=55
Max Amp=1.45e-02 cm
0 25 50 75 100
Time [s]

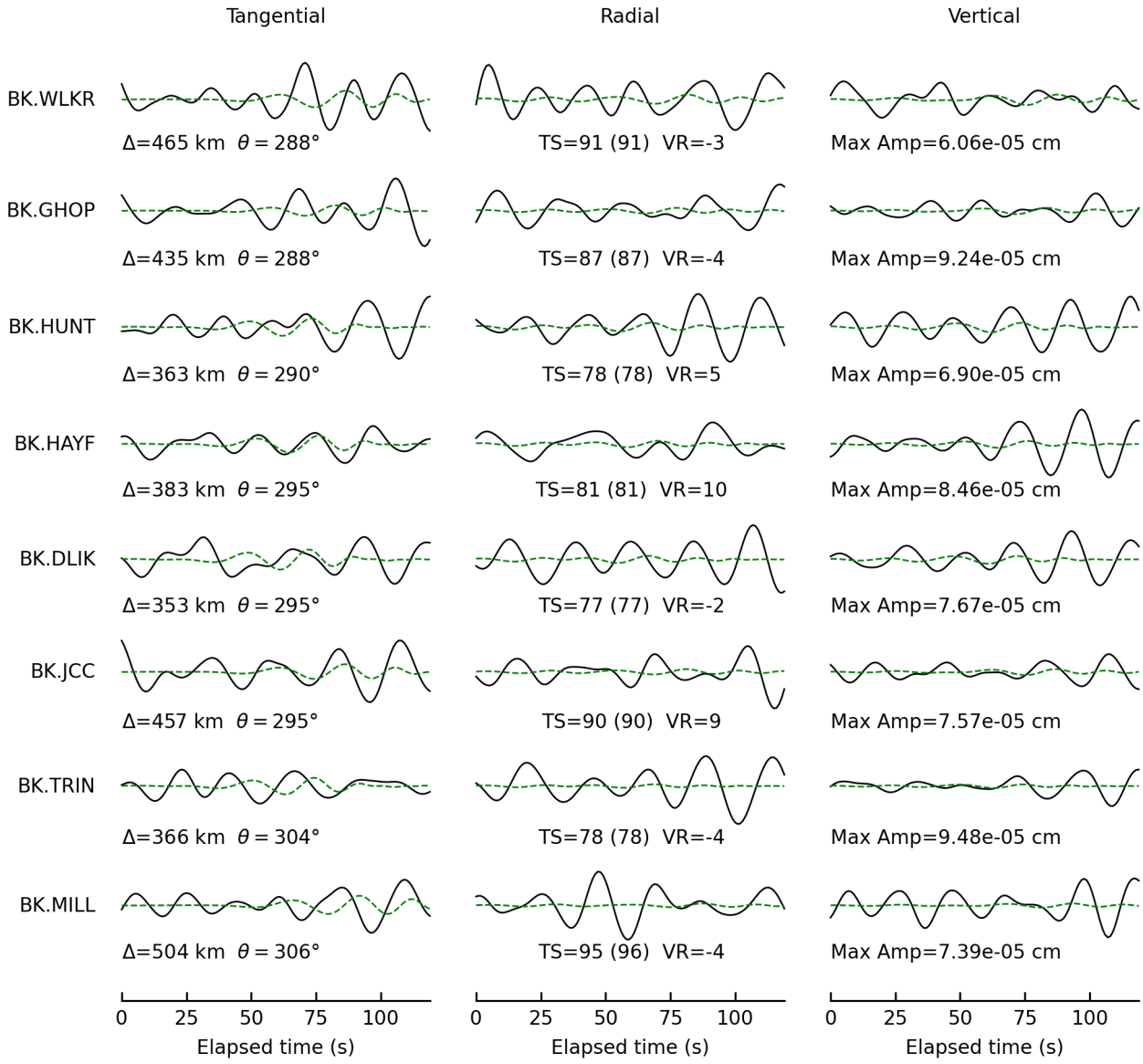

T
R
Z
BK.SAGE
Δ = 308km θ = 307°
TS=74 VR=68
Max Amp=1.53e-02 cm
BK.GUMB
Δ = 367km θ = 309°
TS=83 VR=66
Max Amp=1.42e-02 cm
UO.KBO
Δ = 548km θ = 310°
TS=112 VR=48
Max Amp=1.63e-02 cm
BK.SEIA
Δ = 453km θ = 313°
TS=94 VR=58
Max Amp=1.41e-02 cm
UO.HBUG
Δ = 587km θ = 313°
TS=107 VR=-57
Max Amp=1.68e-02 cm
BK.YBH
Δ = 417km θ = 314°
TS=89 VR=62
Max Amp=1.61e-02 cm
UO.DING
Δ = 583km θ = 316°
TS=107 VR=-78
Max Amp=1.82e-02 cm
UO.ROGE
Δ = 547km θ = 317°
TS=112 VR=58
Max Amp=1.67e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

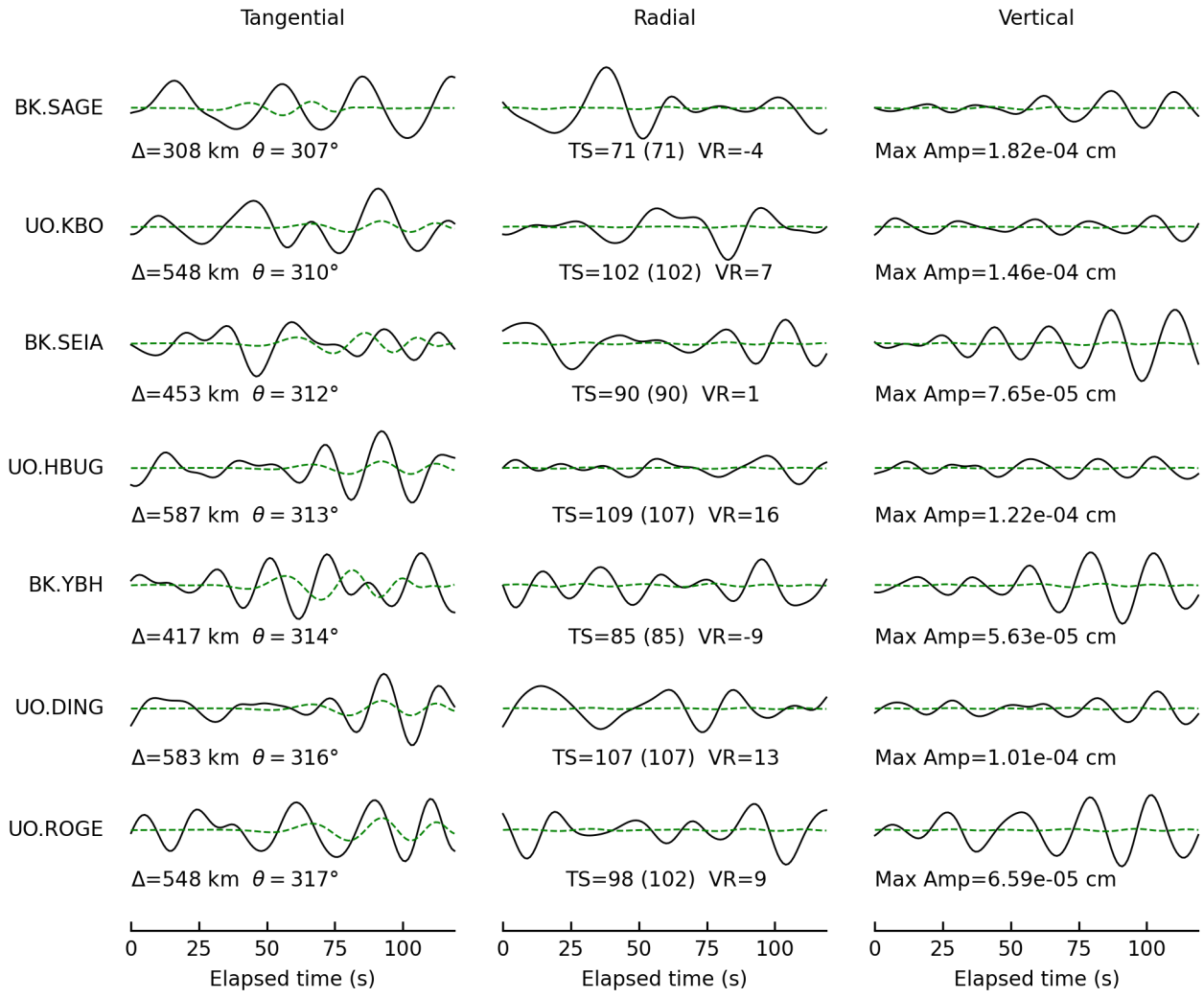

T
R
Z
UO.SALT
Δ = 471km θ = 323°
TS=96 VR=66
Max Amp=1.85e-02 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75100406
Depth = 1.0 km
Mw = 4.05
M0 = 1.49e+22 dyne-cm
Percent DC/CLVD/ISO = 91/9/0
sdr = (40,88,107) (135,17,6)
npts = 120 vred = 7.692 km/s
VR = 2.55% lune:2,0

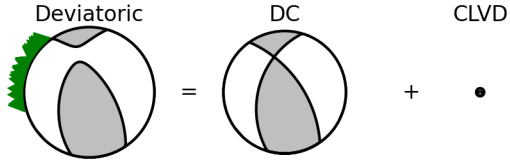


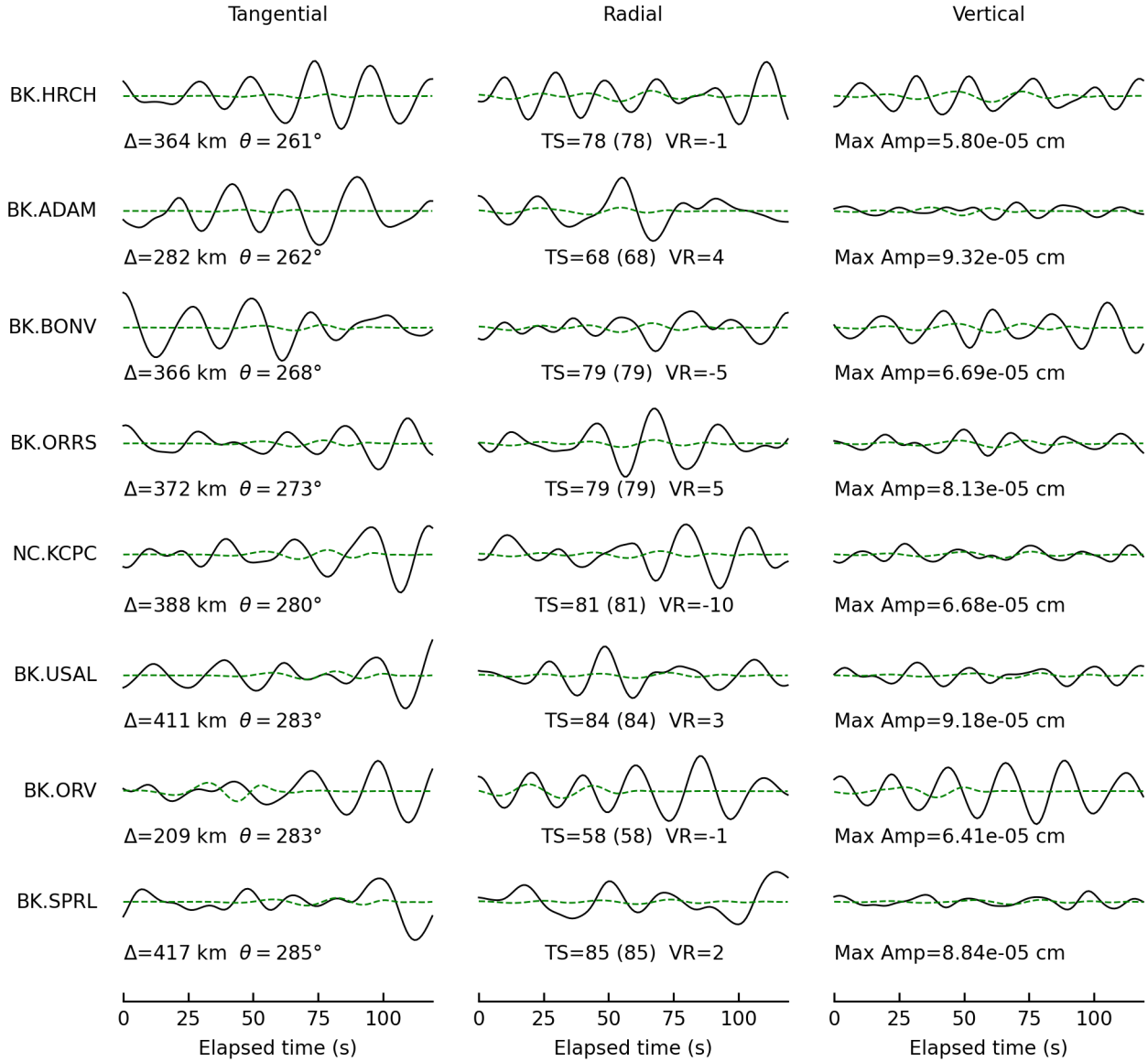


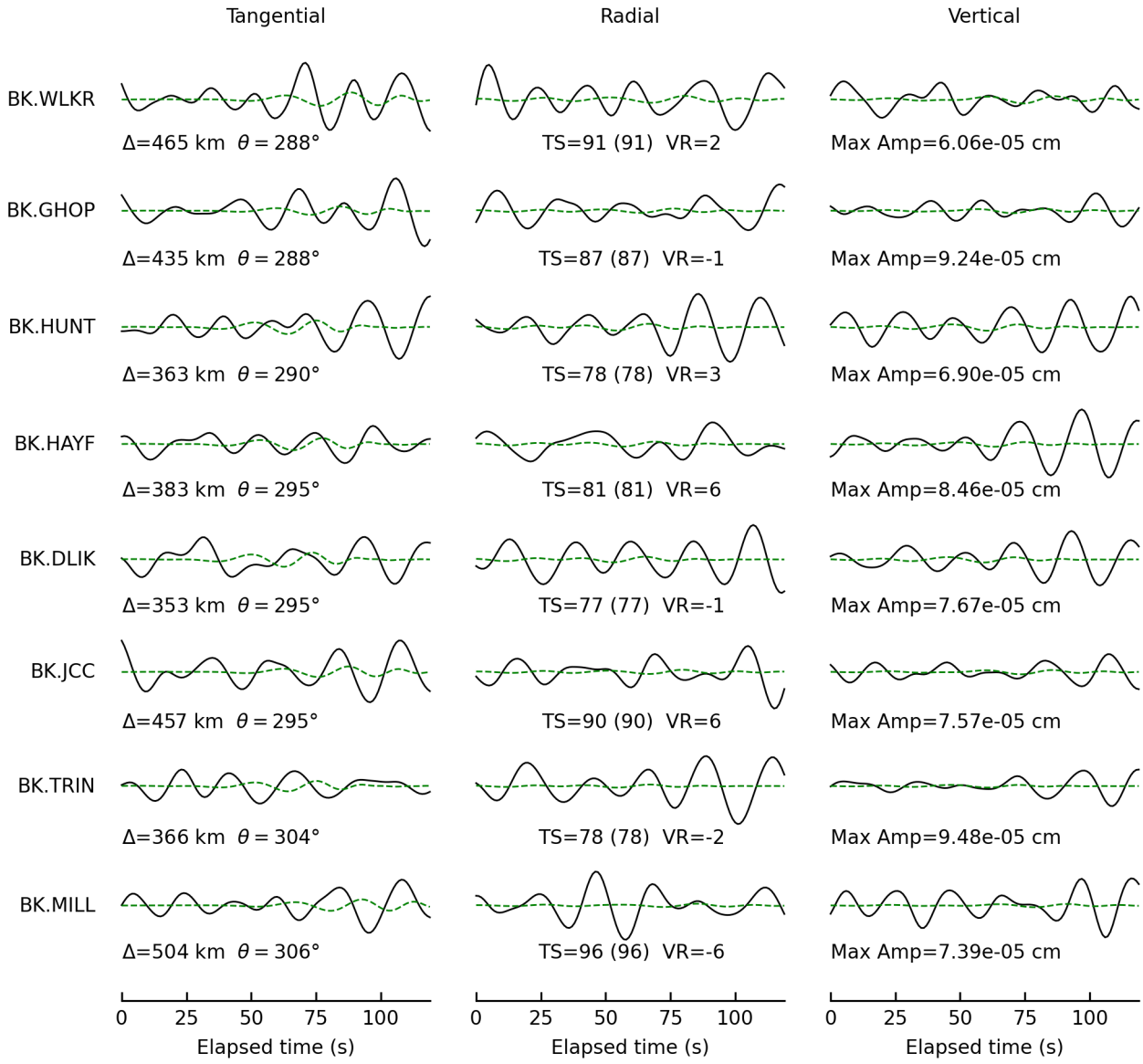

Tangential
Radial
Vertical
BK.WLKR
Δ=465 km θ = 288°
TS=91 (91) VR=-3
Max Amp=6.06e-05 cm
BK.GHOP
Δ=435 km θ = 288°
TS=87 (87) VR=-4
Max Amp=9.24e-05 cm
BK.HUNT
Δ=363 km θ = 290°
TS=78 (78) VR=5
Max Amp=6.90e-05 cm
BK.HAYF
Δ=383 km θ = 295°
TS=81 (81) VR=10
Max Amp=8.46e-05 cm
BK.DLIK
Δ=353 km θ = 295°
TS=77 (77) VR=-2
Max Amp=7.67e-05 cm
BK.JCC
Δ=457 km θ = 295°
TS=90 (90) VR=9
Max Amp=7.57e-05 cm
BK.TRIN
Δ=366 km θ = 304°
TS=78 (78) VR=-4
Max Amp=9.48e-05 cm
BK.MILL
Δ=504 km θ = 306°
TS=95 (96) VR=-4
Max Amp=7.39e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

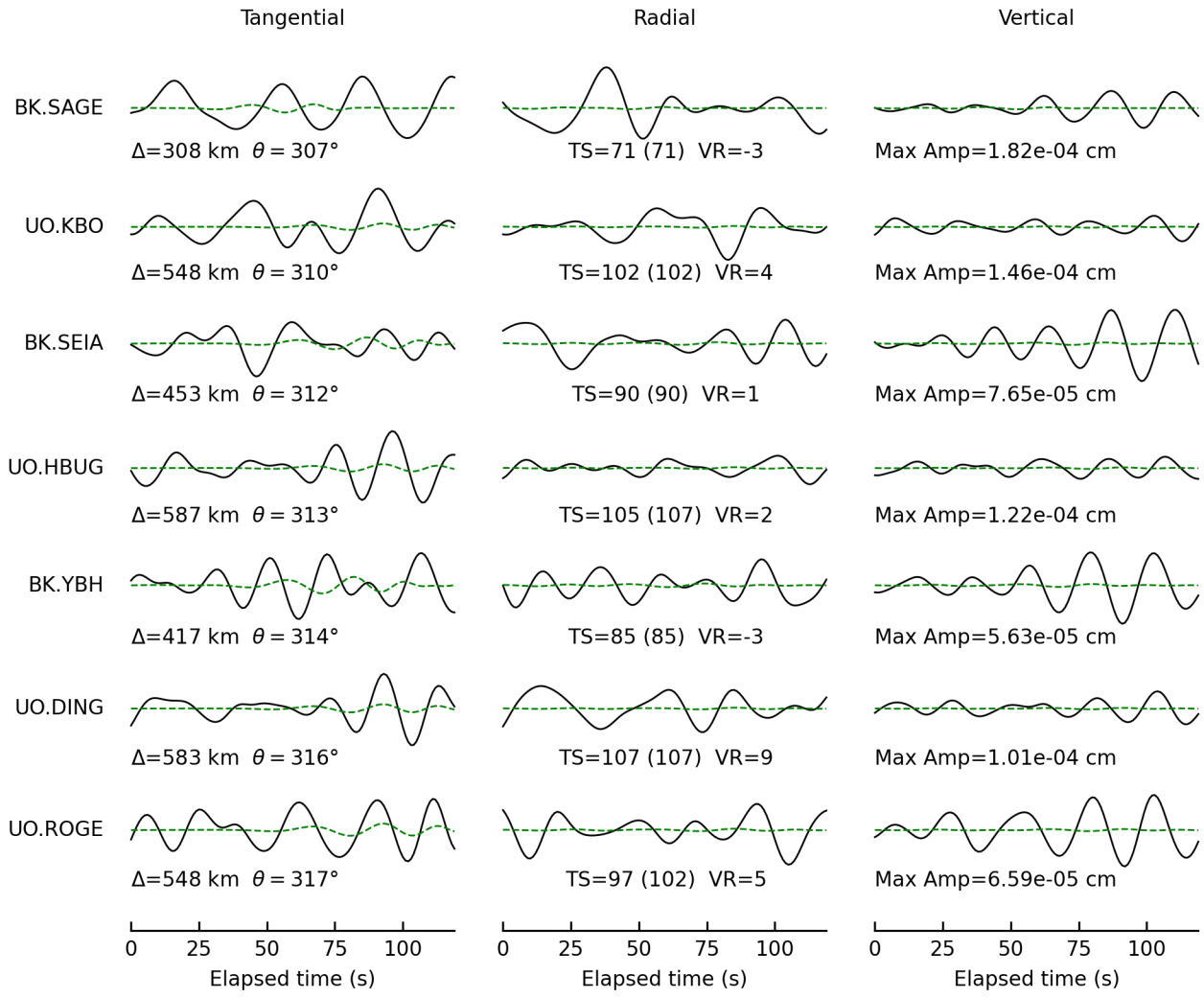

Tangential
Radial
Vertical
BK.SAGE
Δ=308 km θ = 307°
TS=71 (71) VR=-4
Max Amp=1.82e-04 cm
UO.KBO
Δ=548 km θ = 310°
TS=102 (102) VR=7
Max Amp=1.46e-04 cm
BK.SEIA
Δ=453 km θ = 312°
TS=90 (90) VR=1
Max Amp=7.65e-05 cm
UO.HBUG
Δ=587 km θ = 313°
TS=109 (107) VR=16
Max Amp=1.22e-04 cm
BK.YBH
Δ=417 km θ = 314°
TS=85 (85) VR=-9
Max Amp=5.63e-05 cm
UO.DING
Δ=583 km θ = 316°
TS=107 (107) VR=13
Max Amp=1.01e-04 cm
UO.ROGE
Δ=548 km θ = 317°
TS=98 (102) VR=9
Max Amp=6.59e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75100406
Depth = 4.0 km
Mw = 3.71
M0 = 4.53e+21 dyne-cm
Percent DC/CLVD/ISO = 94/6/0
sdr = (197,44,132) (325,59,57)
npts = 120 vred = 7.692 km/s
VR = 1.14% lune:-2,0

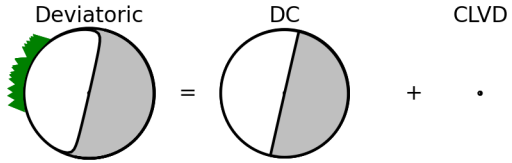


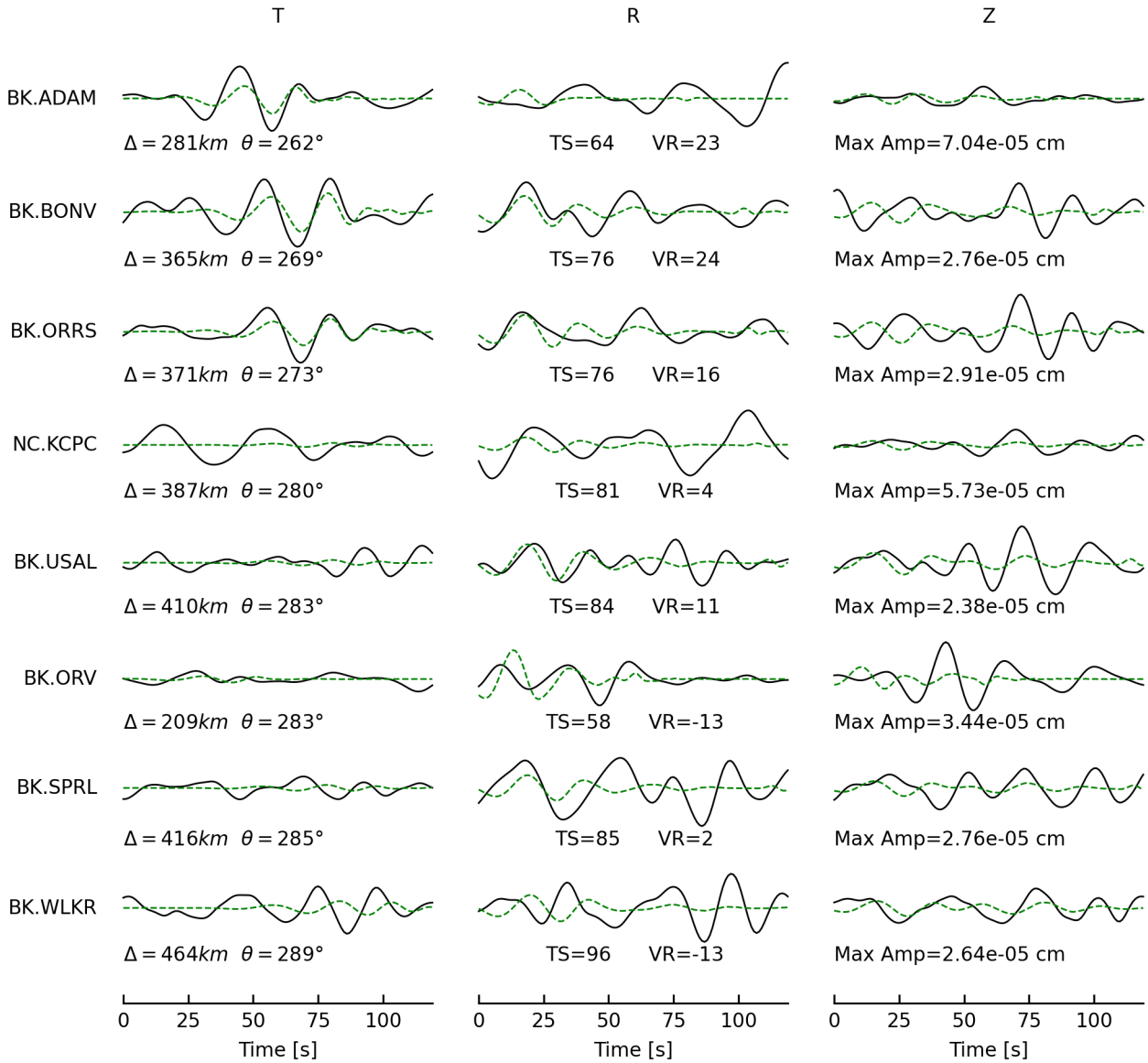


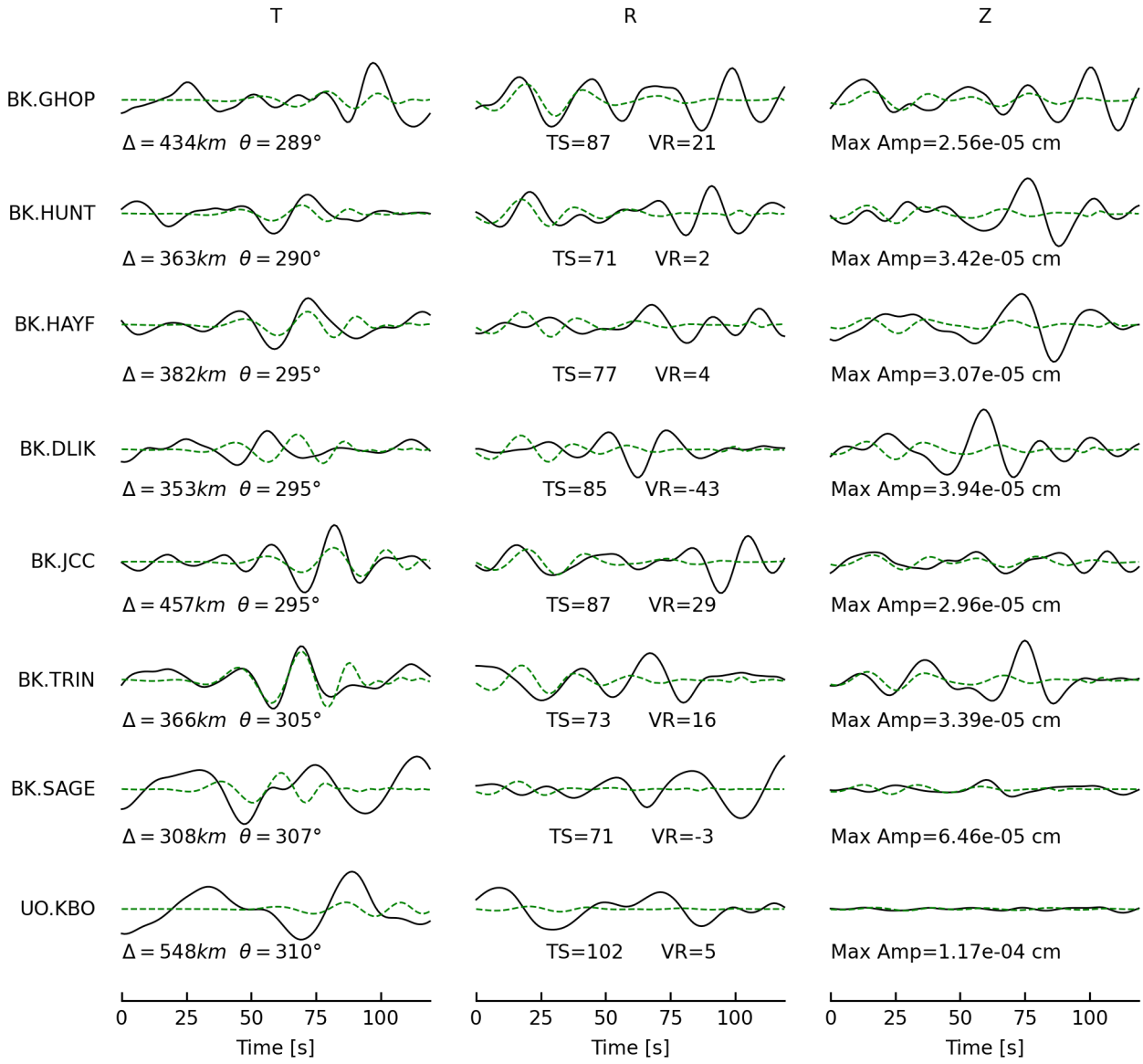

Tangential
Radial
Vertical
BK.WLKR
Δ=465 km θ = 288°
TS=91 (91) VR=2
Max Amp=6.06e-05 cm
BK.GHOP
Δ=435 km θ = 288°
TS=87 (87) VR=-1
Max Amp=9.24e-05 cm
BK.HUNT
Δ=363 km θ = 290°
TS=78 (78) VR=3
Max Amp=6.90e-05 cm
BK.HAYF
Δ=383 km θ = 295°
TS=81 (81) VR=6
Max Amp=8.46e-05 cm
BK.DLIK
Δ=353 km θ = 295°
TS=77 (77) VR=-1
Max Amp=7.67e-05 cm
BK.JCC
Δ=457 km θ = 295°
TS=90 (90) VR=6
Max Amp=7.57e-05 cm
BK.TRIN
Δ=366 km θ = 304°
TS=78 (78) VR=-2
Max Amp=9.48e-05 cm
BK.MILL
Δ=504 km θ = 306°
TS=96 (96) VR=-6
Max Amp=7.39e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

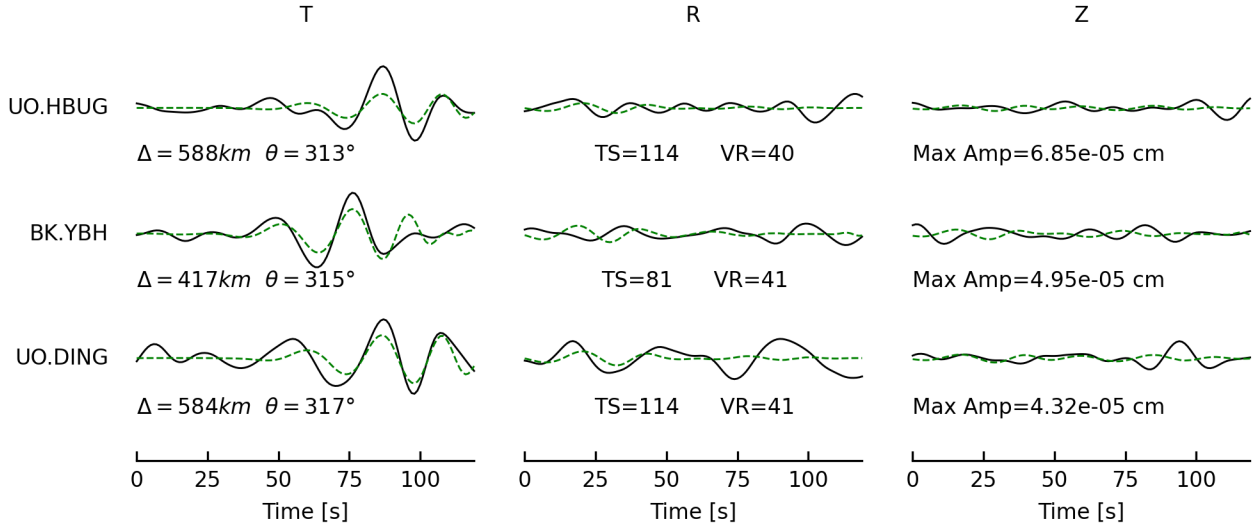

Tangential
Radial
Vertical
BK.SAGE
Δ=308 km θ = 307°
TS=71 (71) VR=-3
Max Amp=1.82e-04 cm
UO.KBO
Δ=548 km θ = 310°
TS=102 (102) VR=4
Max Amp=1.46e-04 cm
BK.SEIA
Δ=453 km θ = 312°
TS=90 (90) VR=1
Max Amp=7.65e-05 cm
UO.HBUG
Δ=587 km θ = 313°
TS=105 (107) VR=2
Max Amp=1.22e-04 cm
BK.YBH
Δ=417 km θ = 314°
TS=85 (85) VR=-3
Max Amp=5.63e-05 cm
UO.DING
Δ=583 km θ = 316°
TS=107 (107) VR=9
Max Amp=1.01e-04 cm
UO.ROGE
Δ=548 km θ = 317°
TS=97 (102) VR=5
Max Amp=6.59e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75100471
Depth = 2.0 km
Mw = 4.31
M0 = 3.58e+22 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (193,90,90) (309,1,26)
npts = 120 vred = 7.692 km/s
VR = 10.17% lune:0,0

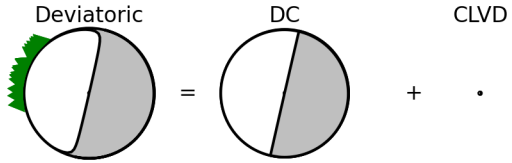


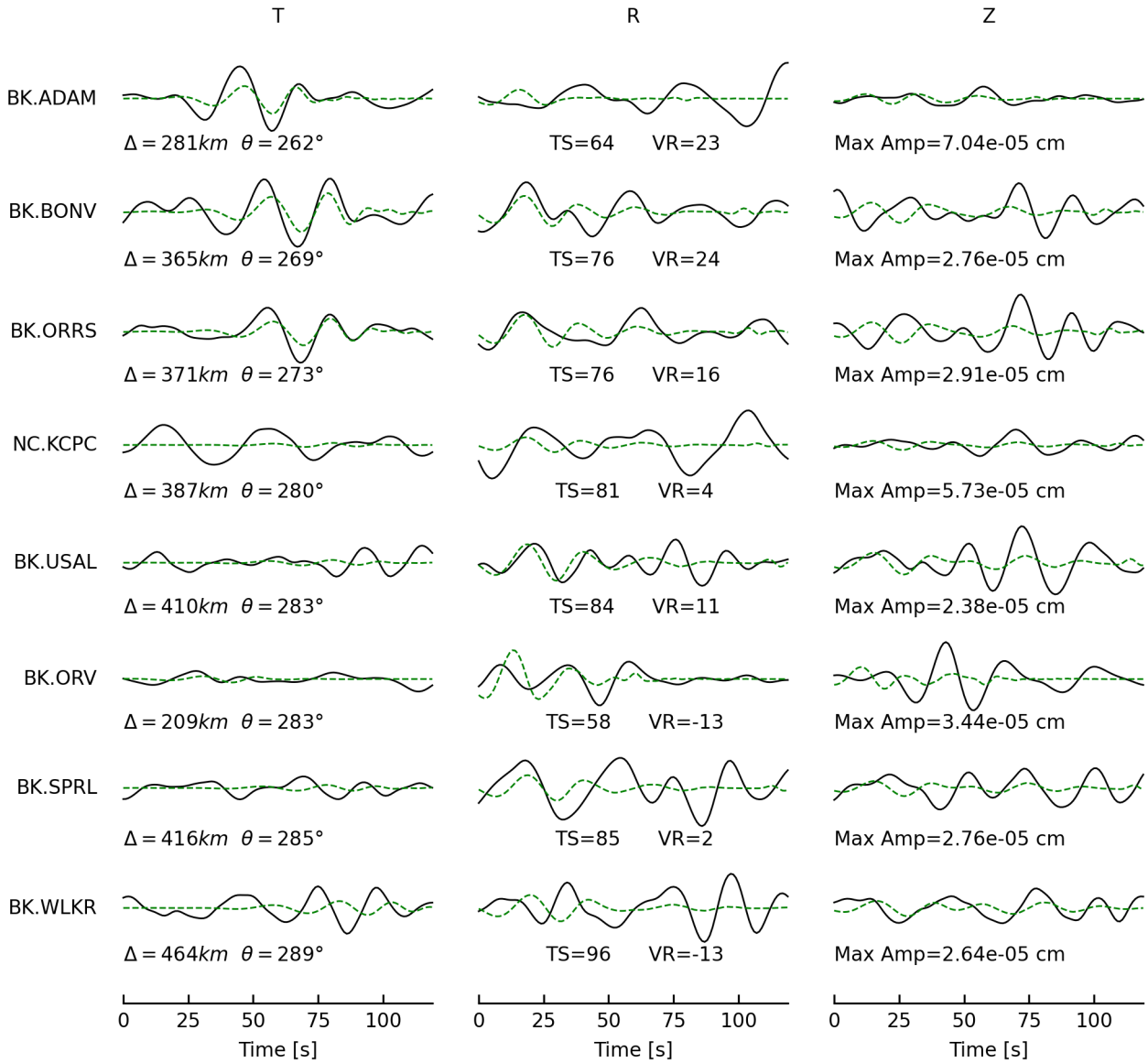


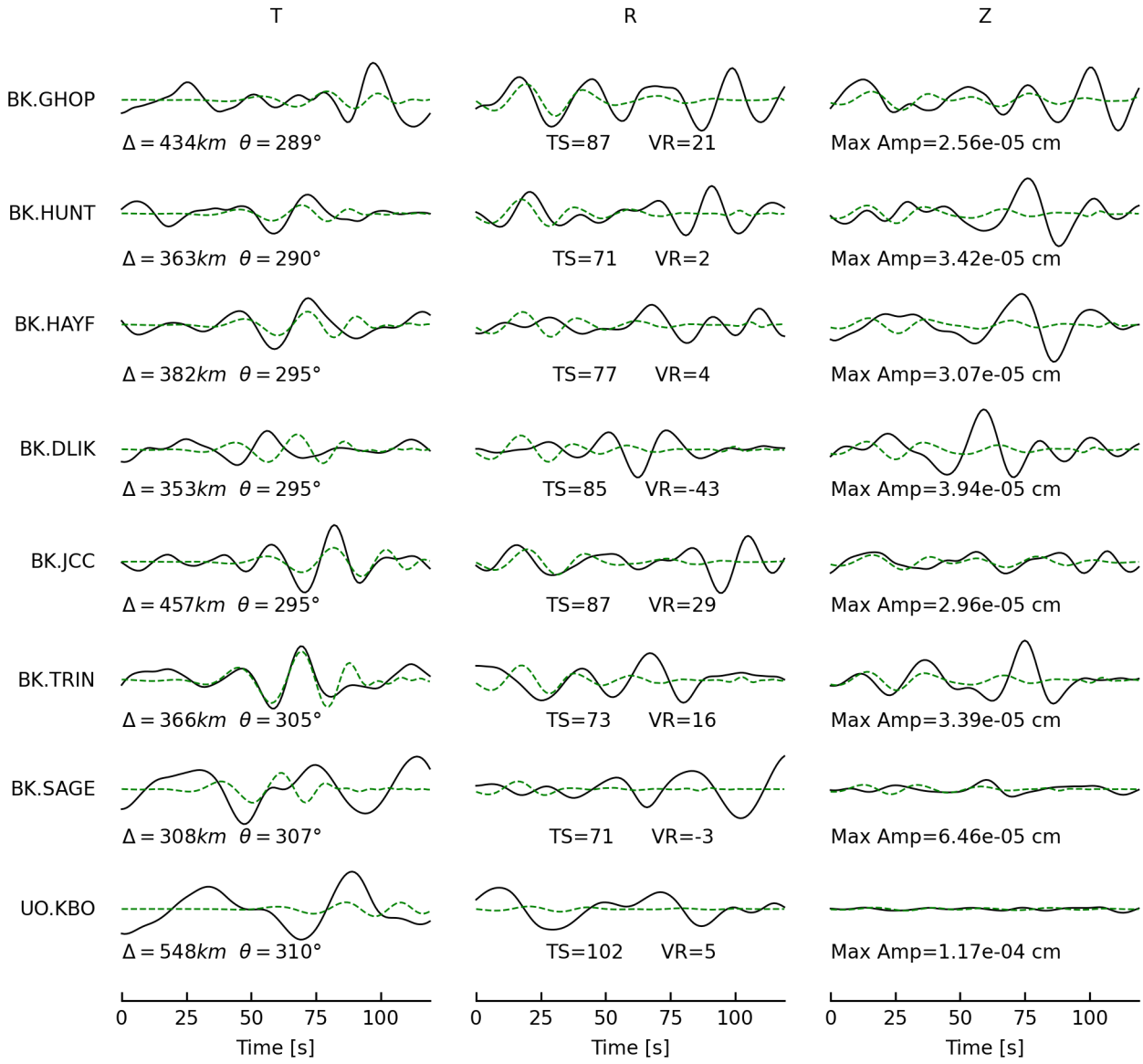

T
R
Z
BK.GHOP
Δ = 434km θ = 289°
TS=87 VR=21
Max Amp=2.56e-05 cm
BK.HUNT
Δ = 363km θ = 290°
TS=71 VR=2
Max Amp=3.42e-05 cm
BK.HAYF
Δ = 382km θ = 295°
TS=77 VR=4
Max Amp=3.07e-05 cm
BK.DLIK
Δ = 353km θ = 295°
TS=85 VR=-43
Max Amp=3.94e-05 cm
BK.JCC
Δ = 457km θ = 295°
TS=87 VR=29
Max Amp=2.96e-05 cm
BK.TRIN
Δ = 366km θ = 305°
TS=73 VR=16
Max Amp=3.39e-05 cm
BK.SAGE
Δ = 308km θ = 307°
TS=71 VR=-3
Max Amp=6.46e-05 cm
UO.KBO
Δ = 548km θ = 310°
TS=102 VR=5
Max Amp=1.17e-04 cm
0 25 50 75 100
Time [s]

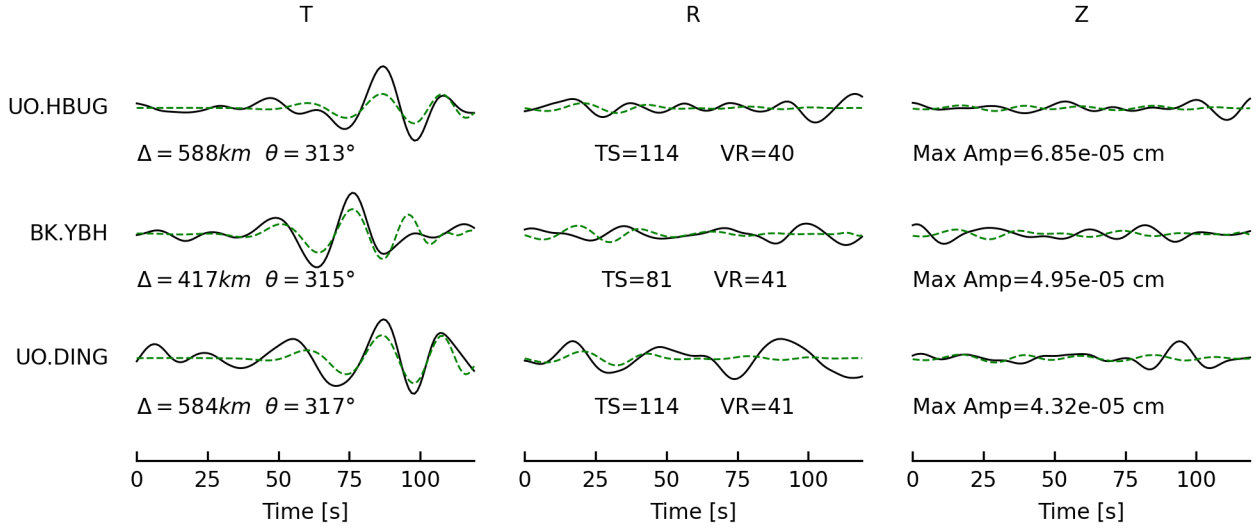

T
R
Z
UO.HBUG
BK.YBH
UO.DING
Δ = 588km θ = 313°
Δ = 417km θ = 315°
Δ = 584km θ = 317°
TS=114 VR=40
TS=81 VR=41
TS=114 VR=41
Max Amp=6.85e-05 cm
Max Amp=4.95e-05 cm
Max Amp=4.32e-05 cm
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75100471
Depth = 2.0 km
Mw = 4.31
M0 = 3.58e+22 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (193,90,90) (309,1,26)
npts = 120 vred = 7.692 km/s
VR = 10.17% lune:0,0

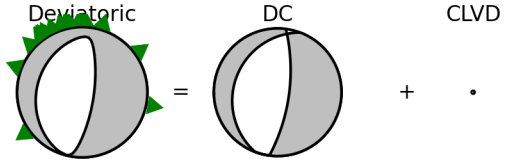


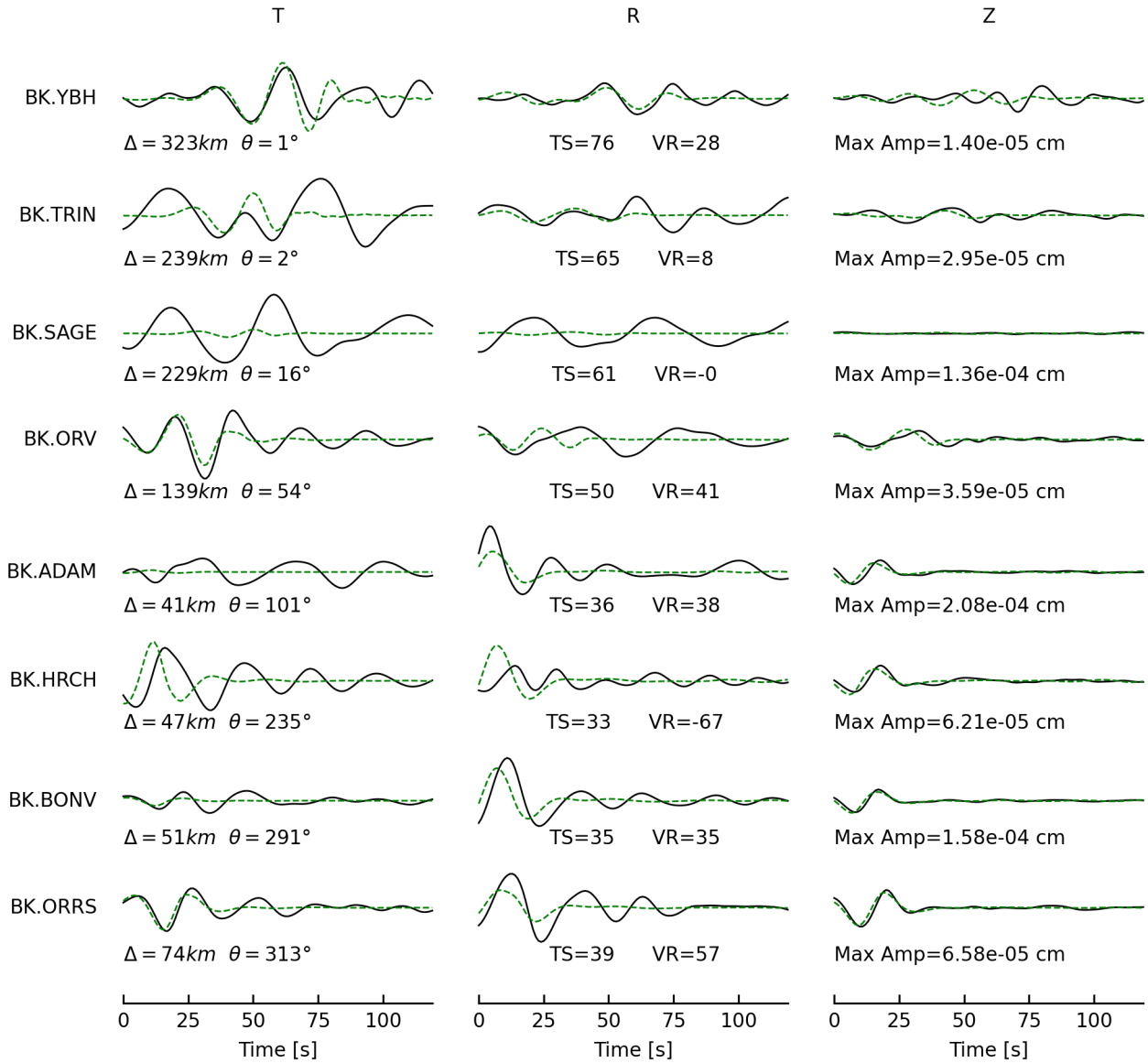


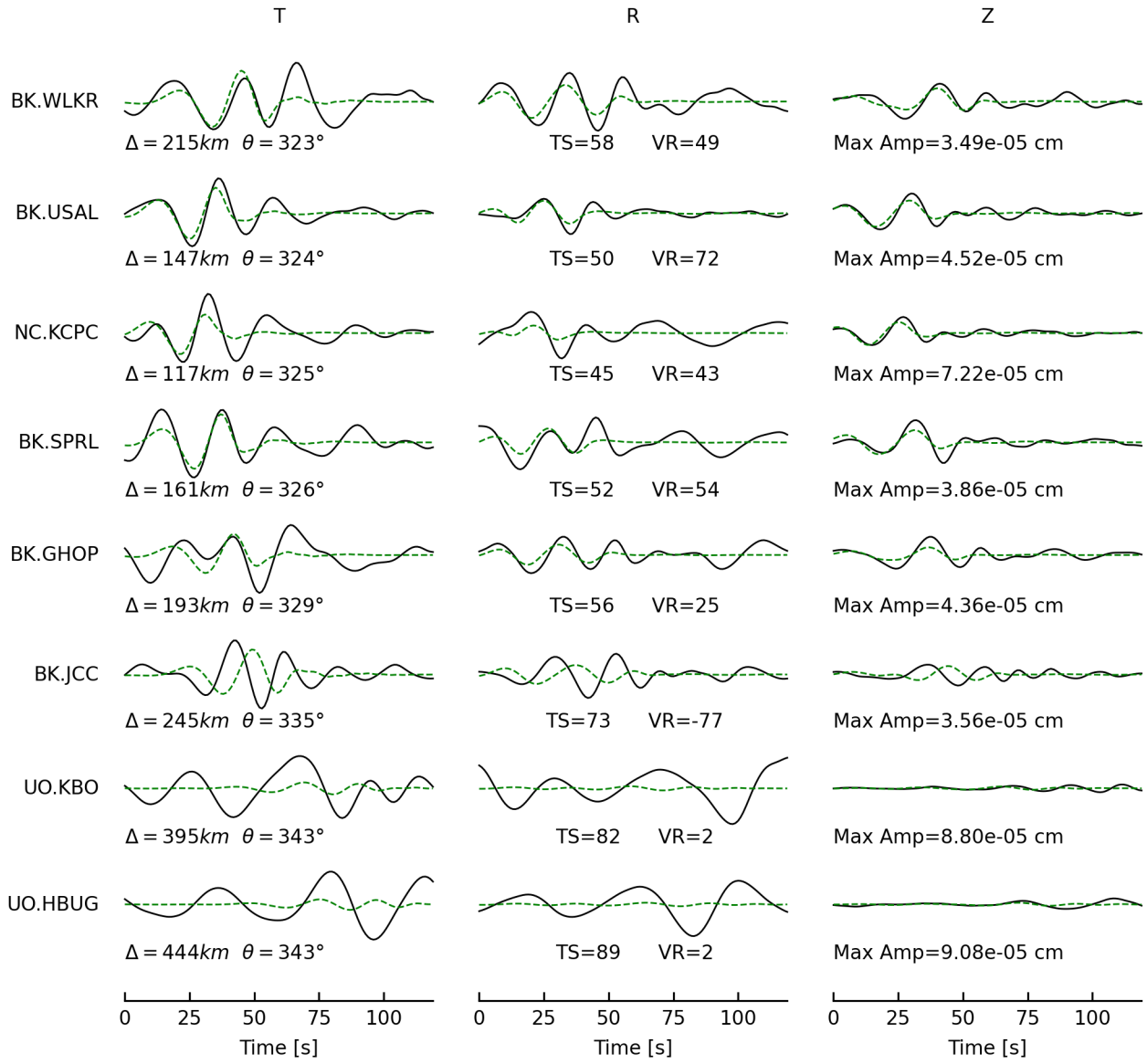

T
R
Z
BK.GHOP
Δ = 434km θ = 289°
TS=87 VR=21
Max Amp=2.56e-05 cm
BK.HUNT
Δ = 363km θ = 290°
TS=71 VR=2
Max Amp=3.42e-05 cm
BK.HAYF
Δ = 382km θ = 295°
TS=77 VR=4
Max Amp=3.07e-05 cm
BK.DLIK
Δ = 353km θ = 295°
TS=85 VR=-43
Max Amp=3.94e-05 cm
BK.JCC
Δ = 457km θ = 295°
TS=87 VR=29
Max Amp=2.96e-05 cm
BK.TRIN
Δ = 366km θ = 305°
TS=73 VR=16
Max Amp=3.39e-05 cm
BK.SAGE
Δ = 308km θ = 307°
TS=71 VR=-3
Max Amp=6.46e-05 cm
UO.KBO
Δ = 548km θ = 310°
TS=102 VR=5
Max Amp=1.17e-04 cm
0 25 50 75 100
Time [s]

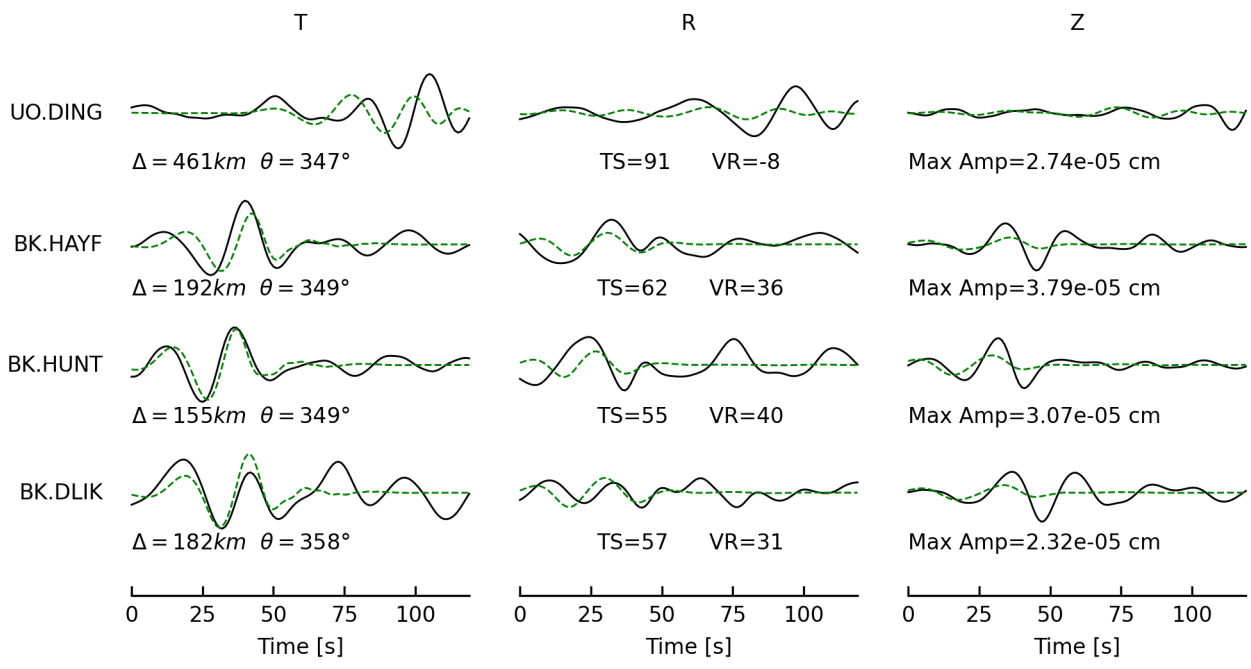

T
R
Z
UO.HBUG
BK.YBH
UO.DING
Δ = 588km θ = 313°
Δ = 417km θ = 315°
Δ = 584km θ = 317°
TS=114 VR=40
TS=81 VR=41
TS=114 VR=41
Max Amp=6.85e-05 cm
Max Amp=4.95e-05 cm
Max Amp=4.32e-05 cm
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75100701
Depth = 3.0 km
Mw = 3.87
M0 = 7.87e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (7,70,-95) (201,21,-78)
npts = 120 vred = 7.692 km/s
VR = 7.84% lune:1,0

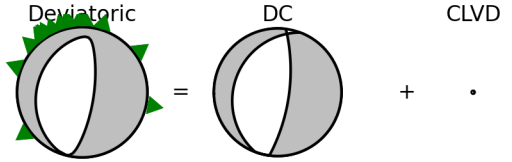


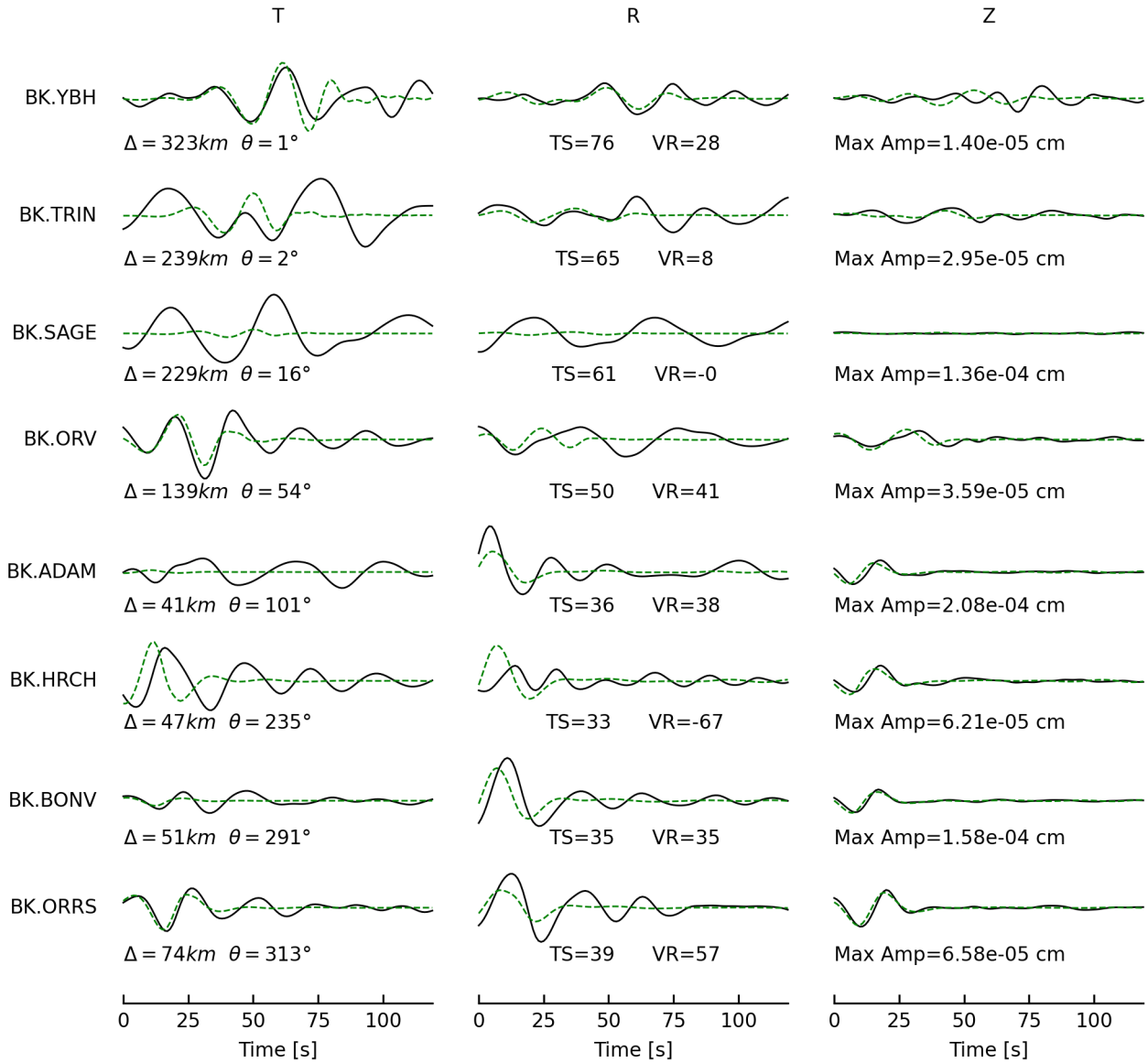


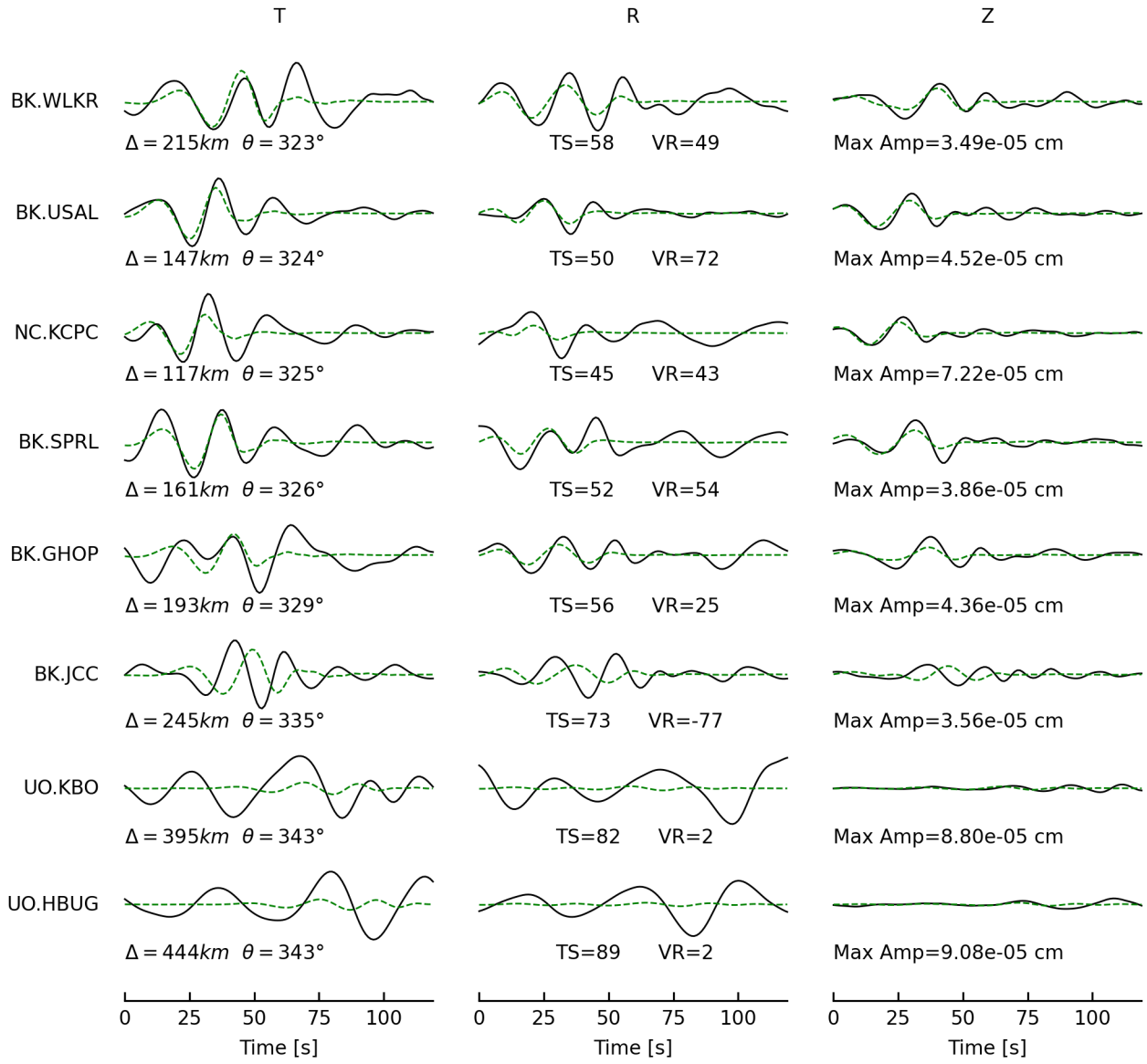

T
R
Z
BK.WLKR
Δ = 215km θ = 323°
TS=58 VR=49
Max Amp=3.49e-05 cm
BK.USAL
Δ = 147km θ = 324°
TS=50 VR=72
Max Amp=4.52e-05 cm
NC.KCPC
Δ = 117km θ = 325°
TS=45 VR=43
Max Amp=7.22e-05 cm
BK.SPRL
Δ = 161km θ = 326°
TS=52 VR=54
Max Amp=3.86e-05 cm
BK.GHOP
Δ = 193km θ = 329°
TS=56 VR=25
Max Amp=4.36e-05 cm
BK.JCC
Δ = 245km θ = 335°
TS=73 VR=-77
Max Amp=3.56e-05 cm
UO.KBO
Δ = 395km θ = 343°
TS=82 VR=2
Max Amp=8.80e-05 cm
UO.HBUG
Δ = 444km θ = 343°
TS=89 VR=2
Max Amp=9.08e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

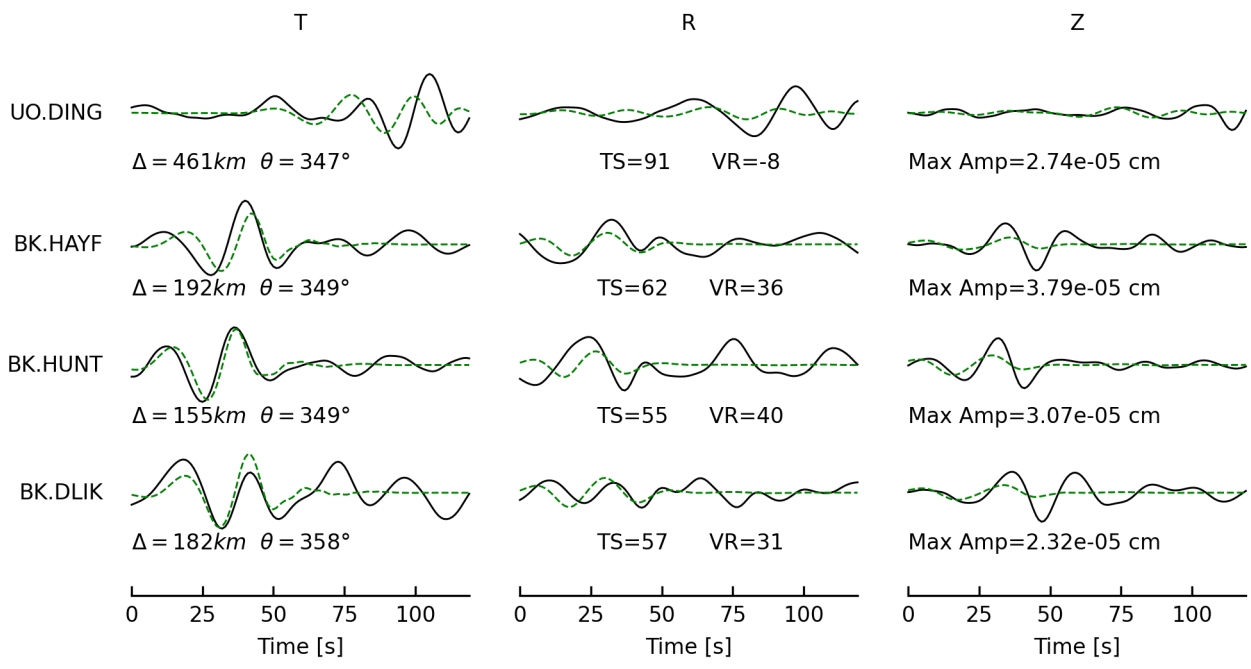

T
R
Z
UO.DING
Δ = 461km θ = 347°
TS=91 VR=-8
Max Amp=2.74e-05 cm
BK.HAYF
Δ = 192km θ = 349°
TS=62 VR=36
Max Amp=3.79e-05 cm
BK.HUNT
Δ = 155km θ = 349°
TS=55 VR=40
Max Amp=3.07e-05 cm
BK.DLIK
Δ = 182km θ = 358°
TS=57 VR=31
Max Amp=2.32e-05 cm
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75100701
Depth = 3.0 km
Mw = 3.87
M0 = 7.87e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (7,70,-95) (201,21,-78)
npts = 120 vred = 7.692 km/s
VR = 7.84% lune:1,0

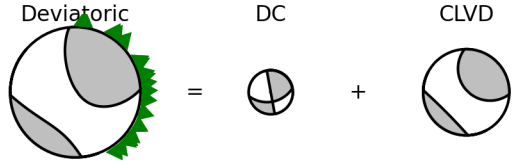


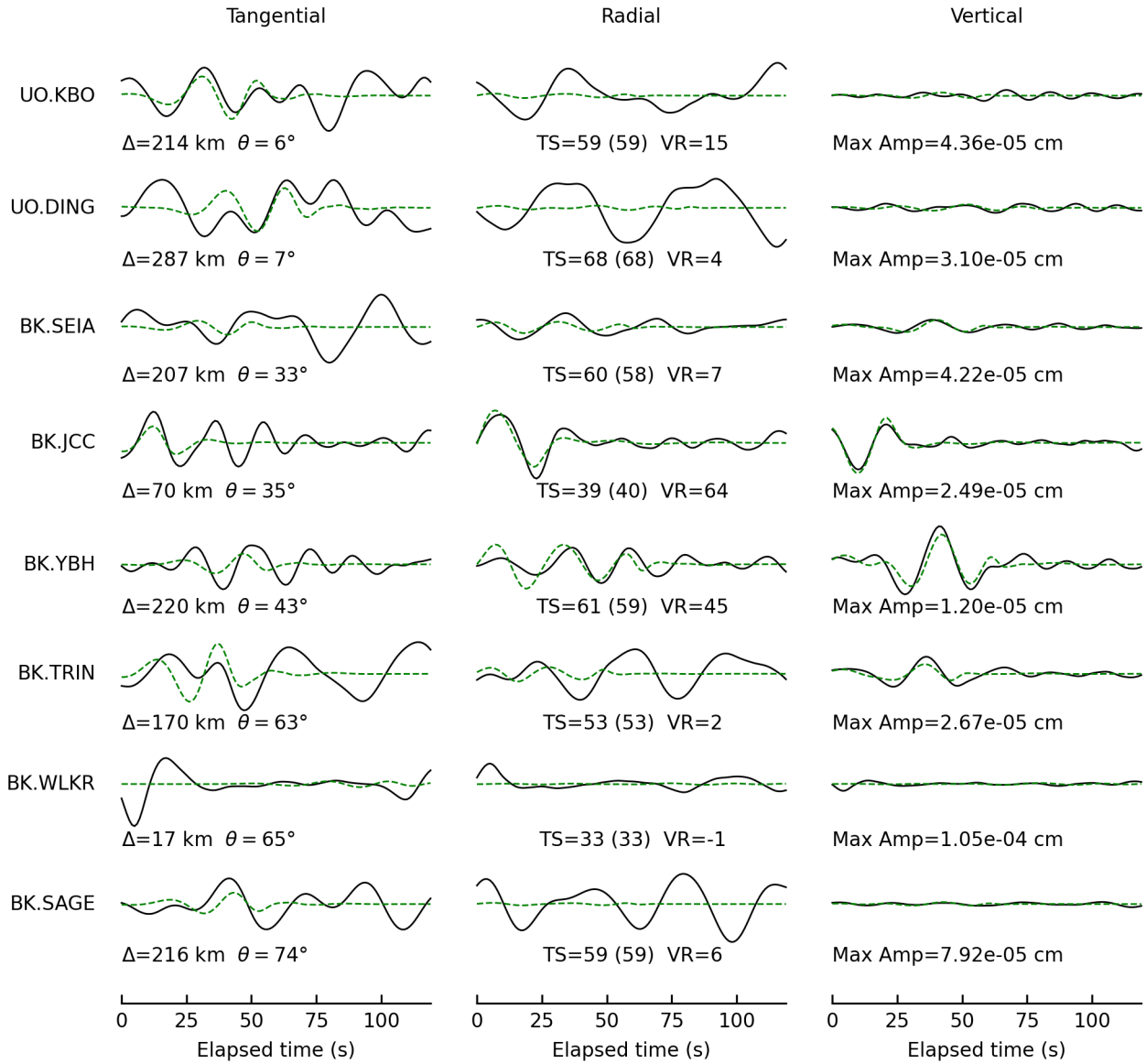


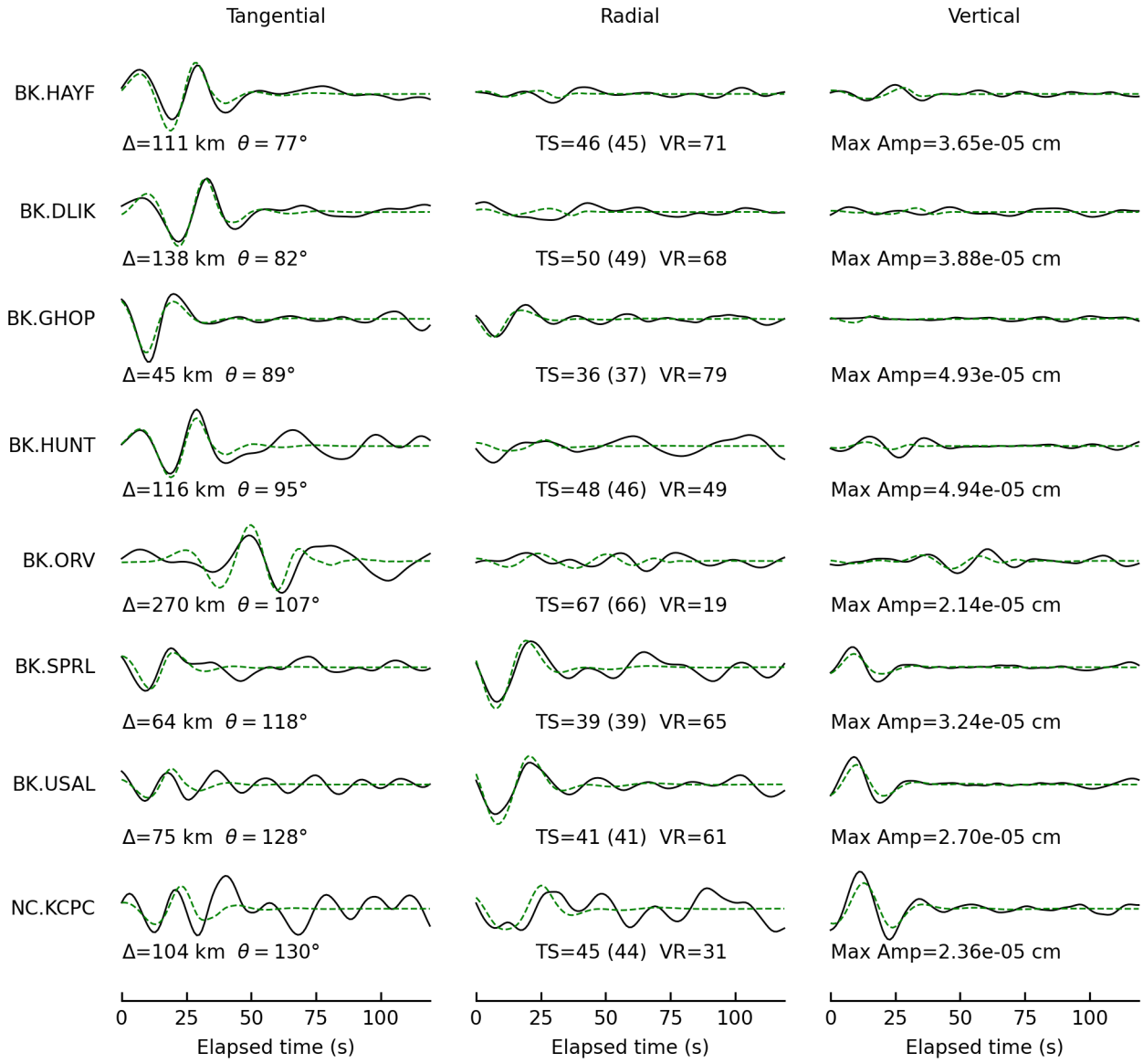

T
R
Z
BK.WLKR
Δ = 215km θ = 323°
TS=58 VR=49
Max Amp=3.49e-05 cm
BK.USAL
Δ = 147km θ = 324°
TS=50 VR=72
Max Amp=4.52e-05 cm
NC.KCPC
Δ = 117km θ = 325°
TS=45 VR=43
Max Amp=7.22e-05 cm
BK.SPRL
Δ = 161km θ = 326°
TS=52 VR=54
Max Amp=3.86e-05 cm
BK.GHOP
Δ = 193km θ = 329°
TS=56 VR=25
Max Amp=4.36e-05 cm
BK.JCC
Δ = 245km θ = 335°
TS=73 VR=-77
Max Amp=3.56e-05 cm
UO.KBO
Δ = 395km θ = 343°
TS=82 VR=2
Max Amp=8.80e-05 cm
UO.HBUG
Δ = 444km θ = 343°
TS=89 VR=2
Max Amp=9.08e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

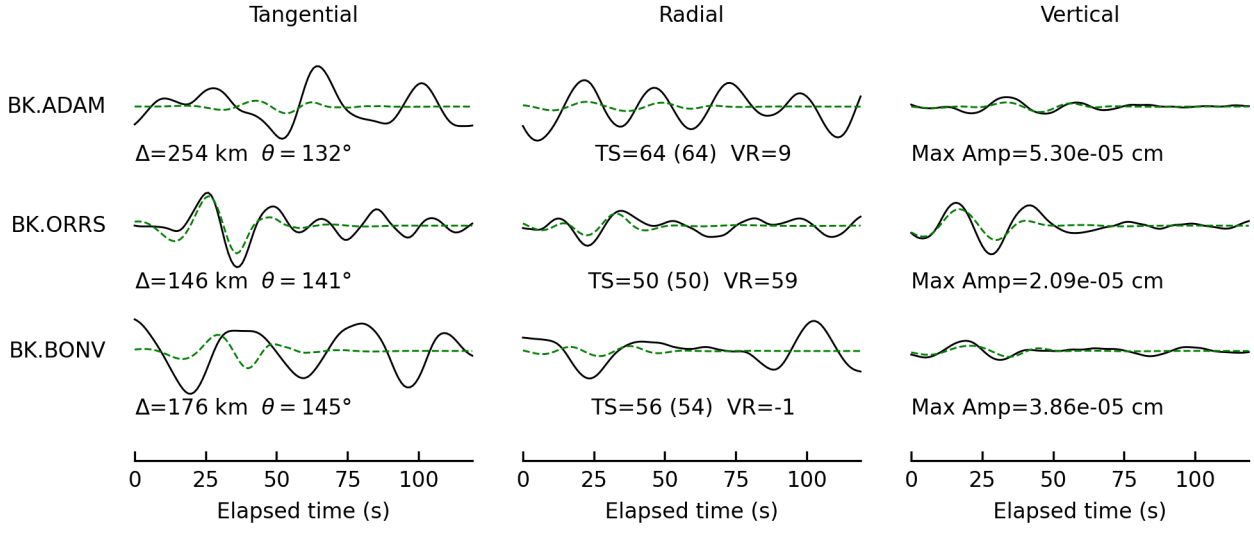

T
R
Z
UO.DING
Δ = 461km θ = 347°
TS=91 VR=-8
Max Amp=2.74e-05 cm
BK.HAYF
Δ = 192km θ = 349°
TS=62 VR=36
Max Amp=3.79e-05 cm
BK.HUNT
Δ = 155km θ = 349°
TS=55 VR=40
Max Amp=3.07e-05 cm
BK.DLIK
Δ = 182km θ = 358°
TS=57 VR=31
Max Amp=2.32e-05 cm
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75100951
Depth = 6.0 km
Mw = 3.75
M0 = 5.17e+21 dyne-cm
Percent DC/CLVD/ISO = 34/66/0
sdr = (170,90,47) (79,43,180)
npts = 120 vred = 7.692 km/s
VR = 12.16% lune:-19,0

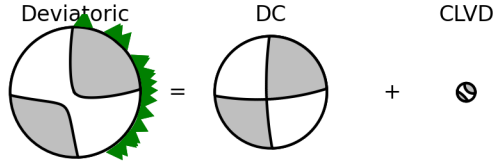


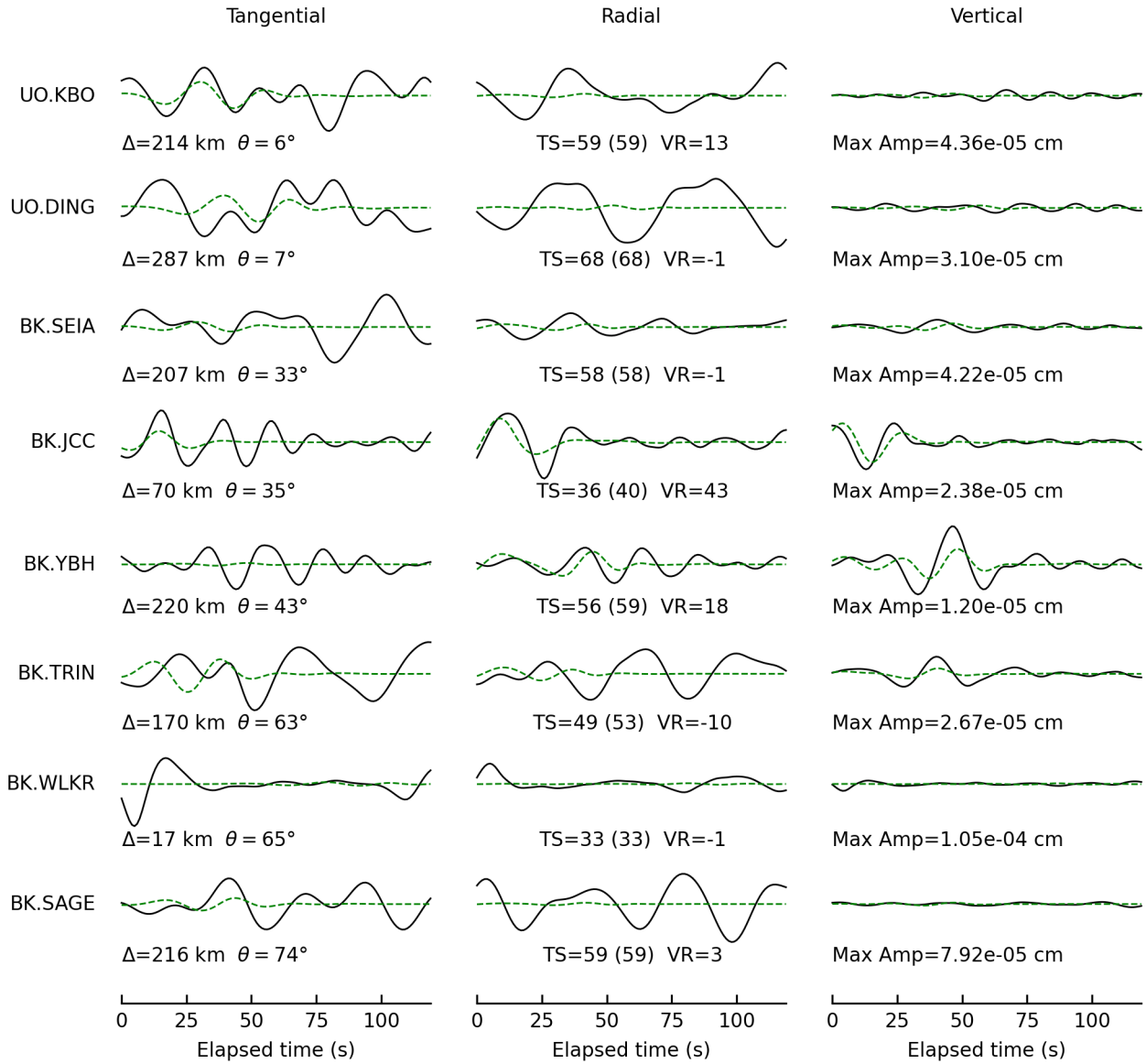


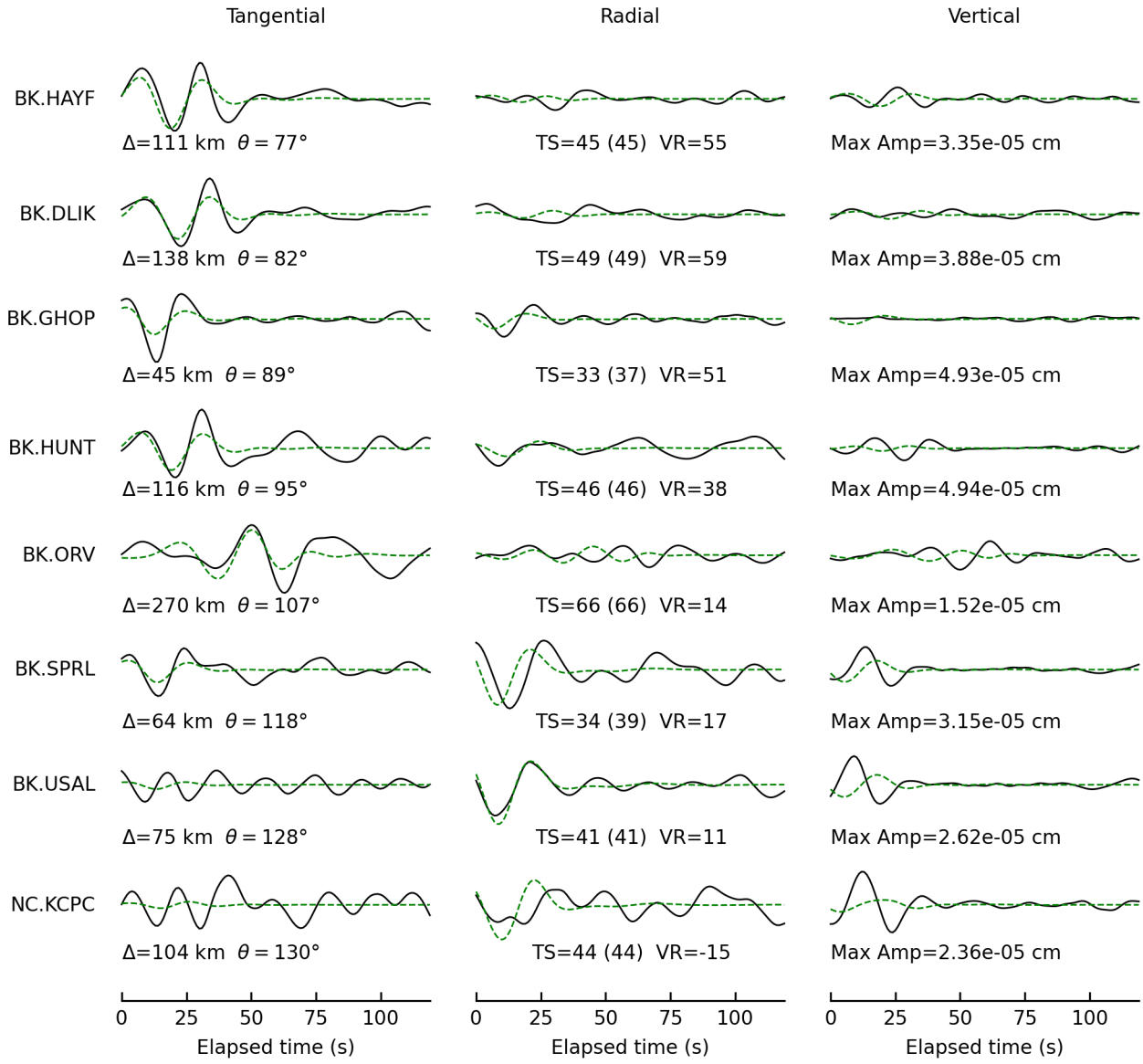

Tangential
Radial
Vertical
BK.HAYF
Δ=111 km θ = 77°
TS=46 (45) VR=71
Max Amp=3.65e-05 cm
BK.DLIK
Δ=138 km θ = 82°
TS=50 (49) VR=68
Max Amp=3.88e-05 cm
BK.GHOP
Δ=45 km θ = 89°
TS=36 (37) VR=79
Max Amp=4.93e-05 cm
BK.HUNT
Δ=116 km θ = 95°
TS=48 (46) VR=49
Max Amp=4.94e-05 cm
BK.ORV
Δ=270 km θ = 107°
TS=67 (66) VR=19
Max Amp=2.14e-05 cm
BK.SPRL
Δ=64 km θ = 118°
TS=39 (39) VR=65
Max Amp=3.24e-05 cm
BK.USAL
Δ=75 km θ = 128°
TS=41 (41) VR=61
Max Amp=2.70e-05 cm
NC.KCPC
Δ=104 km θ = 130°
TS=45 (44) VR=31
Max Amp=2.36e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

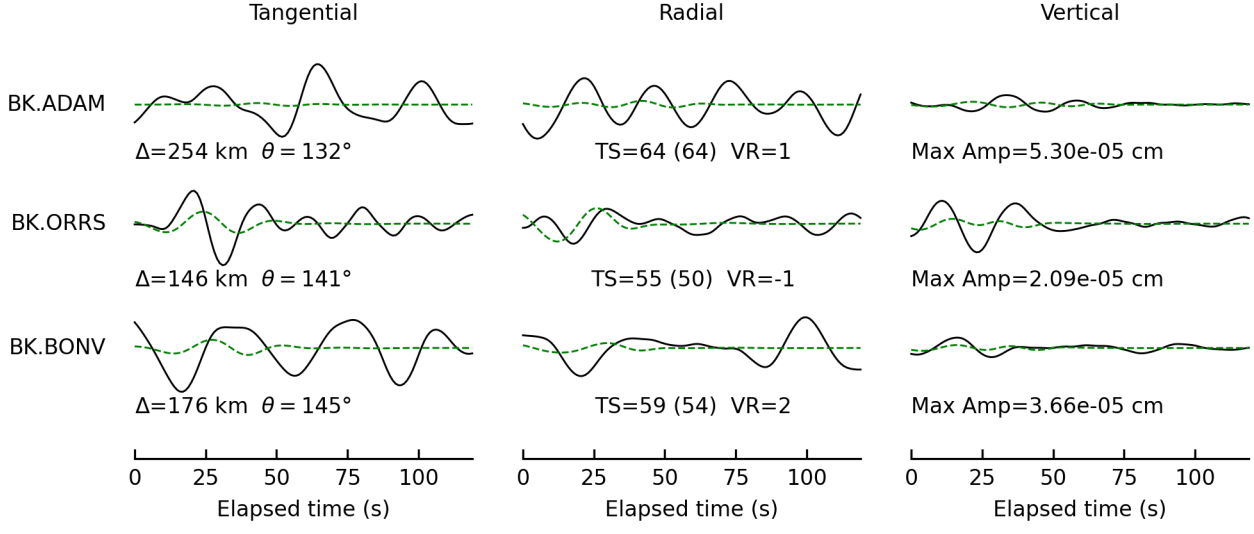

Tangential
Radial
Vertical
BK.ADAM
Δ=254 km θ = 132°
TS=64 (64) VR=9
Max Amp=5.30e-05 cm
BK.ORRS
Δ=146 km θ = 141°
TS=50 (50) VR=59
Max Amp=2.09e-05 cm
BK.BONV
Δ=176 km θ = 145°
TS=56 (54) VR=-1
Max Amp=3.86e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75100951
Depth = 39.0 km
Mw = 3.81
M0 = 6.56e+21 dyne-cm
Percent DC/CLVD/ISO = 86/14/0
sdr = (179,81,14) (86,76,171)
npts = 120 vred = 7.692 km/s
VR = 5.60% lune:-4,0

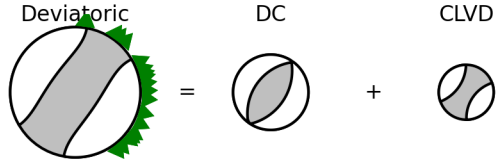


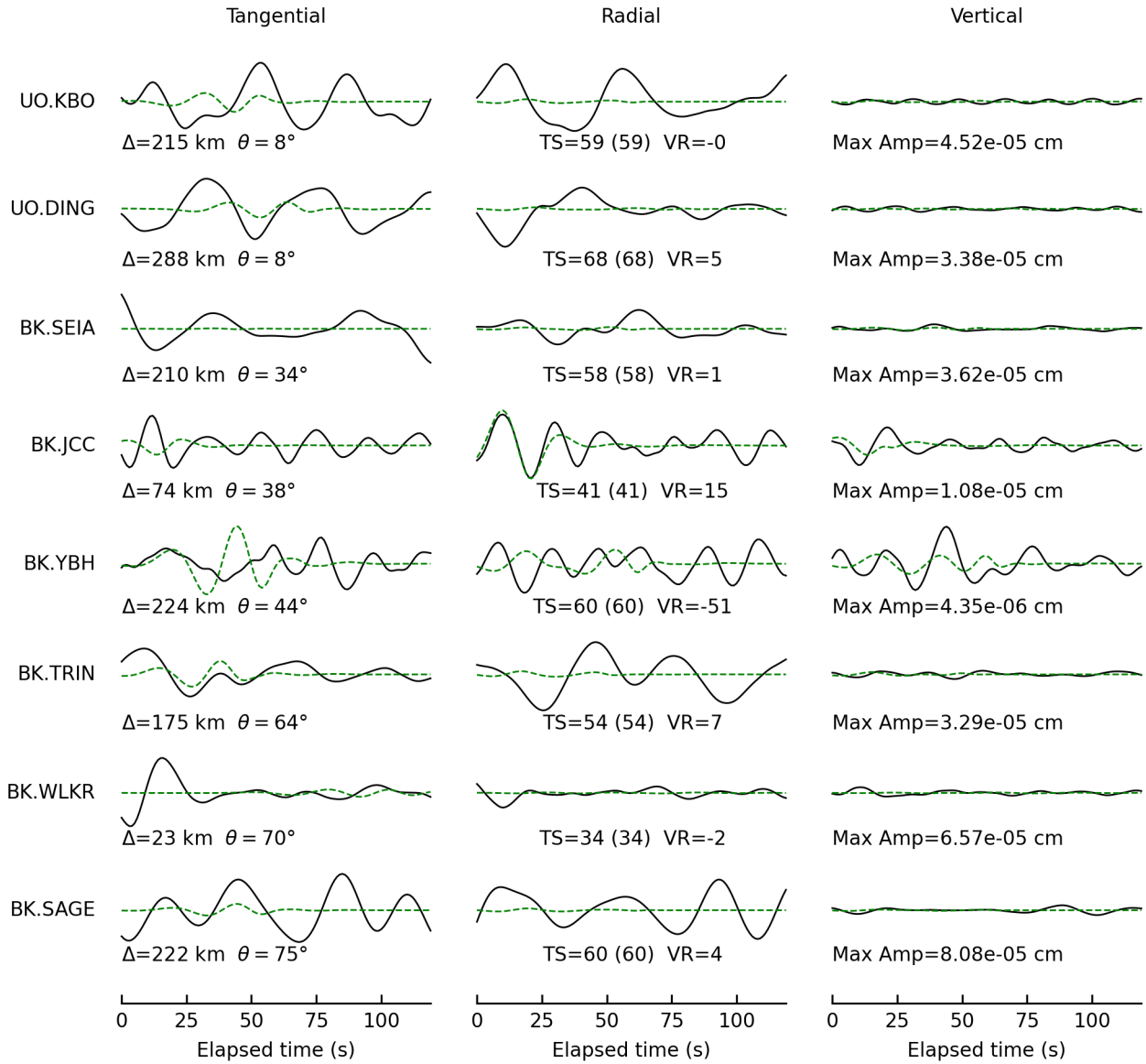


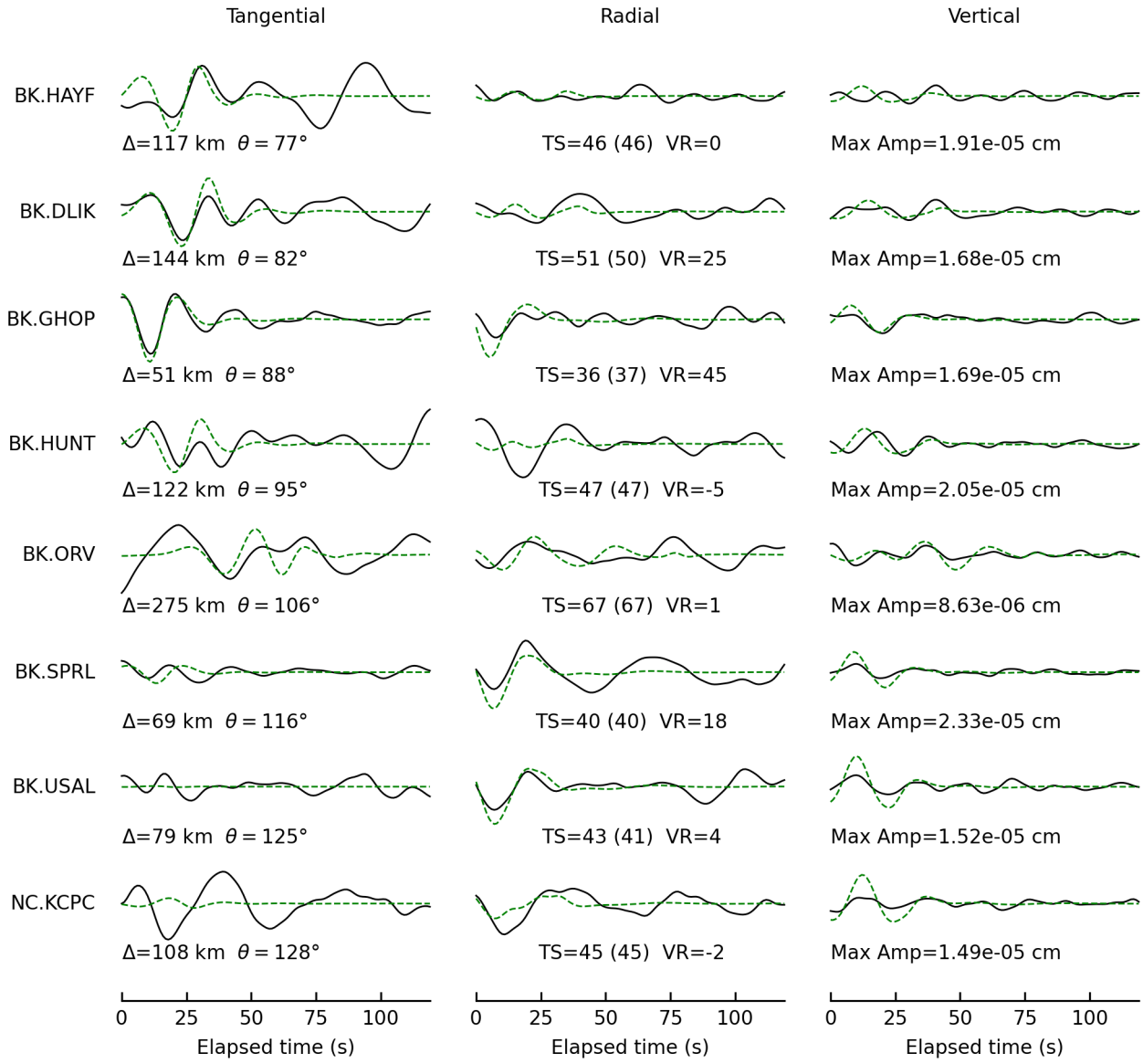

Tangential
Radial
Vertical
BK.HAYF
Δ=111 km θ = 77°
TS=45 (45) VR=55
Max Amp=3.35e-05 cm
BK.DLIK
Δ=138 km θ = 82°
TS=49 (49) VR=59
Max Amp=3.88e-05 cm
BK.GHOP
Δ=45 km θ = 89°
TS=33 (37) VR=51
Max Amp=4.93e-05 cm
BK.HUNT
Δ=116 km θ = 95°
TS=46 (46) VR=38
Max Amp=4.94e-05 cm
BK.ORV
Δ=270 km θ = 107°
TS=66 (66) VR=14
Max Amp=1.52e-05 cm
BK.SPRL
Δ=64 km θ = 118°
TS=34 (39) VR=17
Max Amp=3.15e-05 cm
BK.USAL
Δ=75 km θ = 128°
TS=41 (41) VR=11
Max Amp=2.62e-05 cm
NC.KCPC
Δ=104 km θ = 130°
TS=44 (44) VR=-15
Max Amp=2.36e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

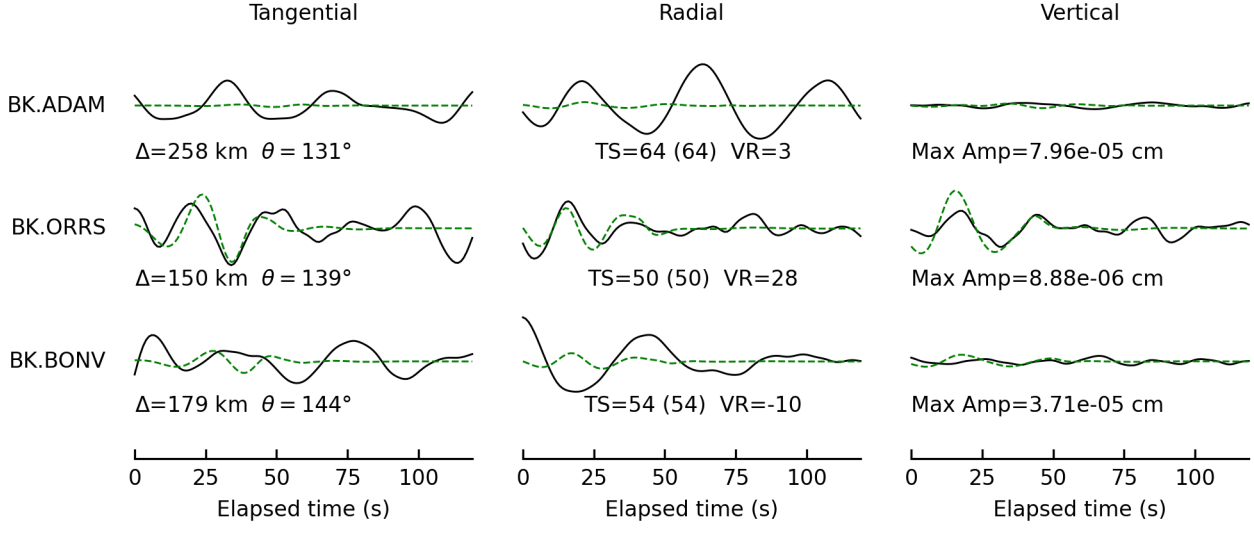

Tangential
Radial
Vertical
BK.ADAM
BK.ORRS
BK.BONV
Δ=254 km θ = 132°
Δ=146 km θ = 141°
Δ=176 km θ = 145°
TS=64 (64) VR=1
TS=55 (50) VR=-1
TS=59 (54) VR=2
Max Amp=5.30e-05 cm
Max Amp=2.09e-05 cm
Max Amp=3.66e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75100956
Depth = 8.0 km
Mw = 3.54
M0 = 2.52e+21 dyne-cm
Percent DC/CLVD/ISO = 58/42/0
sdr = (217,43,93) (33,47,87)
npts = 120 vred = 7.692 km/s
VR = 3.27% lune:12,0

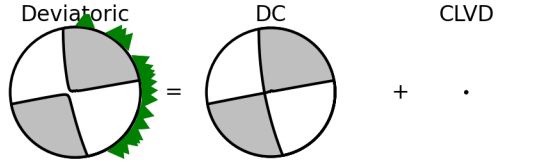


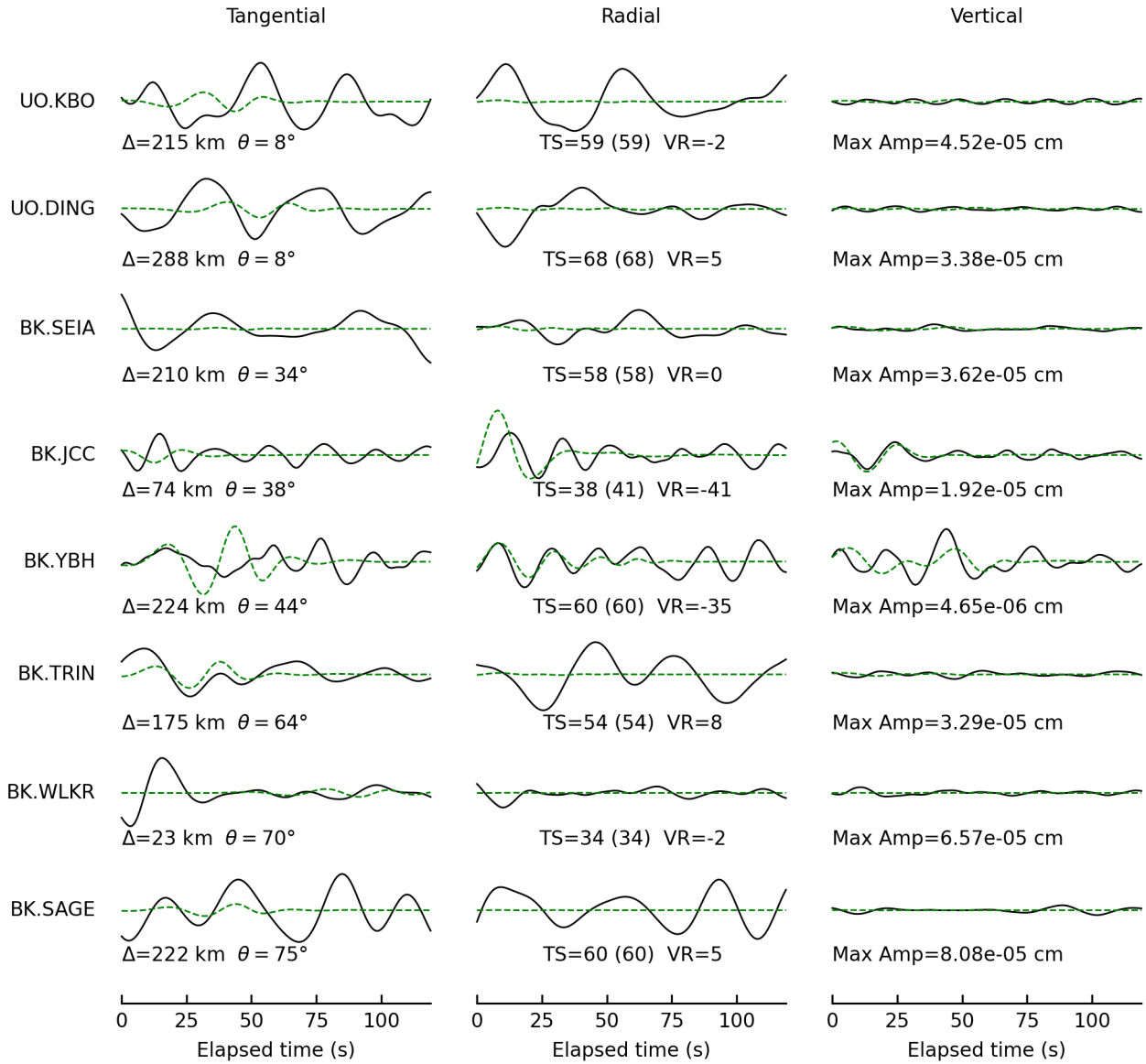


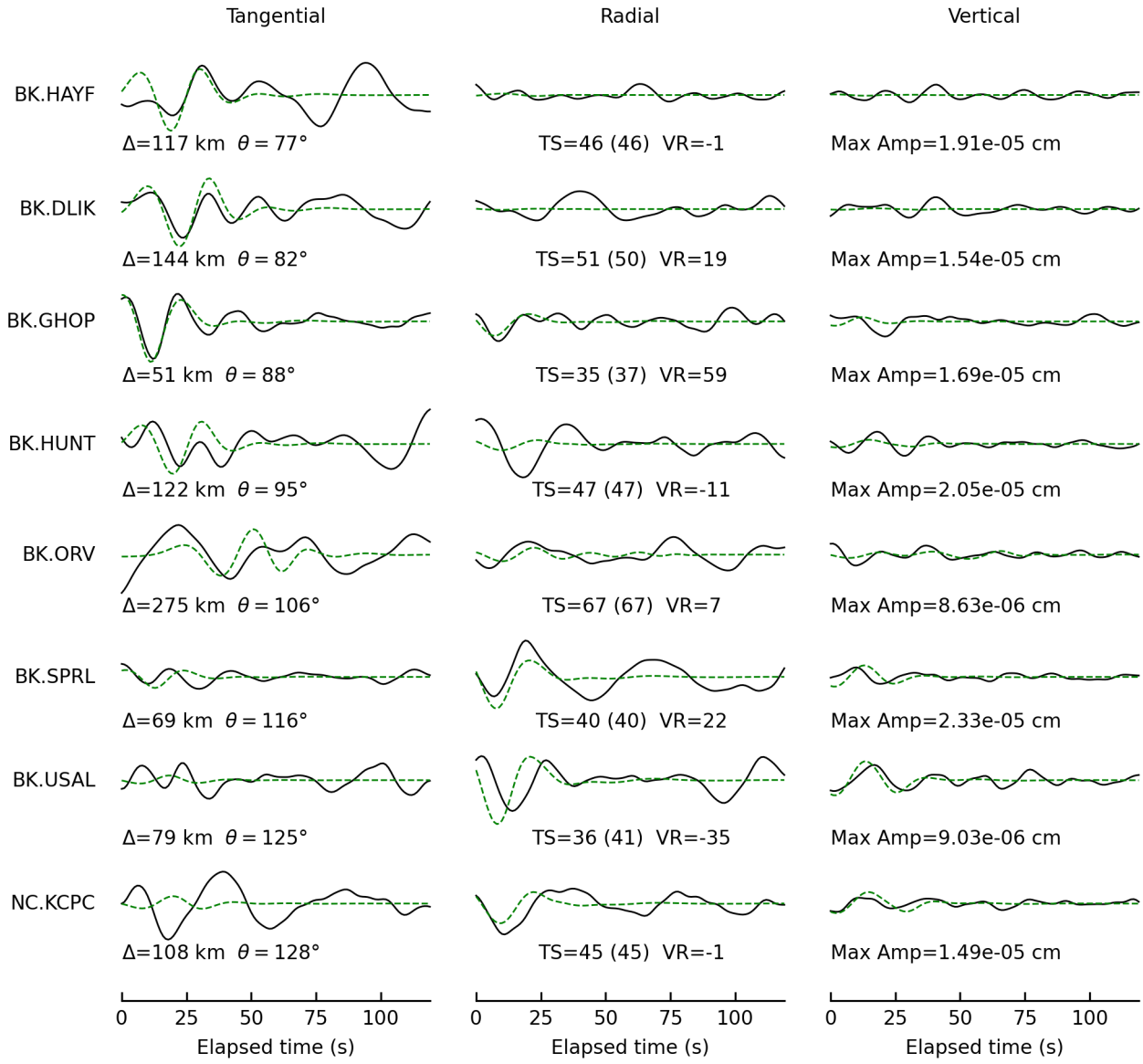

Tangential
Radial
Vertical
BK.HAYF
Δ=117 km θ = 77°
TS=46 (46) VR=0
Max Amp=1.91e-05 cm
BK.DLIK
Δ=144 km θ = 82°
TS=51 (50) VR=25
Max Amp=1.68e-05 cm
BK.GHOP
Δ=51 km θ = 88°
TS=36 (37) VR=45
Max Amp=1.69e-05 cm
BK.HUNT
Δ=122 km θ = 95°
TS=47 (47) VR=-5
Max Amp=2.05e-05 cm
BK.ORV
Δ=275 km θ = 106°
TS=67 (67) VR=1
Max Amp=8.63e-06 cm
BK.SPRL
Δ=69 km θ = 116°
TS=40 (40) VR=18
Max Amp=2.33e-05 cm
BK.USAL
Δ=79 km θ = 125°
TS=43 (41) VR=4
Max Amp=1.52e-05 cm
NC.KCPC
Δ=108 km θ = 128°
TS=45 (45) VR=-2
Max Amp=1.49e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

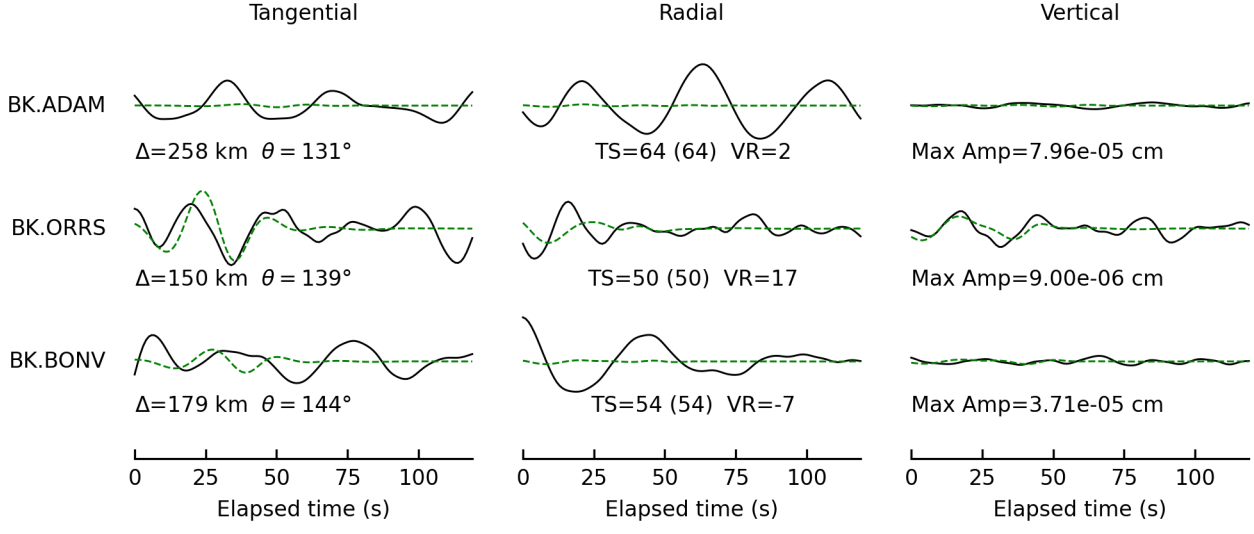

Tangential
Radial
Vertical
BK.ADAM
Δ=258 km θ = 131°
TS=64 (64) VR=3
Max Amp=7.96e-05 cm
BK.ORRS
Δ=150 km θ = 139°
TS=50 (50) VR=28
Max Amp=8.88e-06 cm
BK.BONV
Δ=179 km θ = 144°
TS=54 (54) VR=-10
Max Amp=3.71e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75100956
Depth = 24.0 km
Mw = 3.60
M0 = 3.17e+21 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (259,89,-169) (169,79,-1)
npts = 120 vred = 7.692 km/s
VR = 2.74% lune:0,0

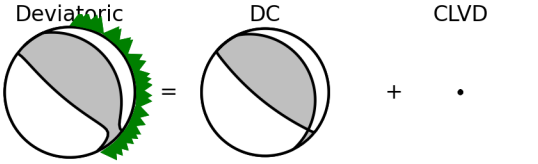


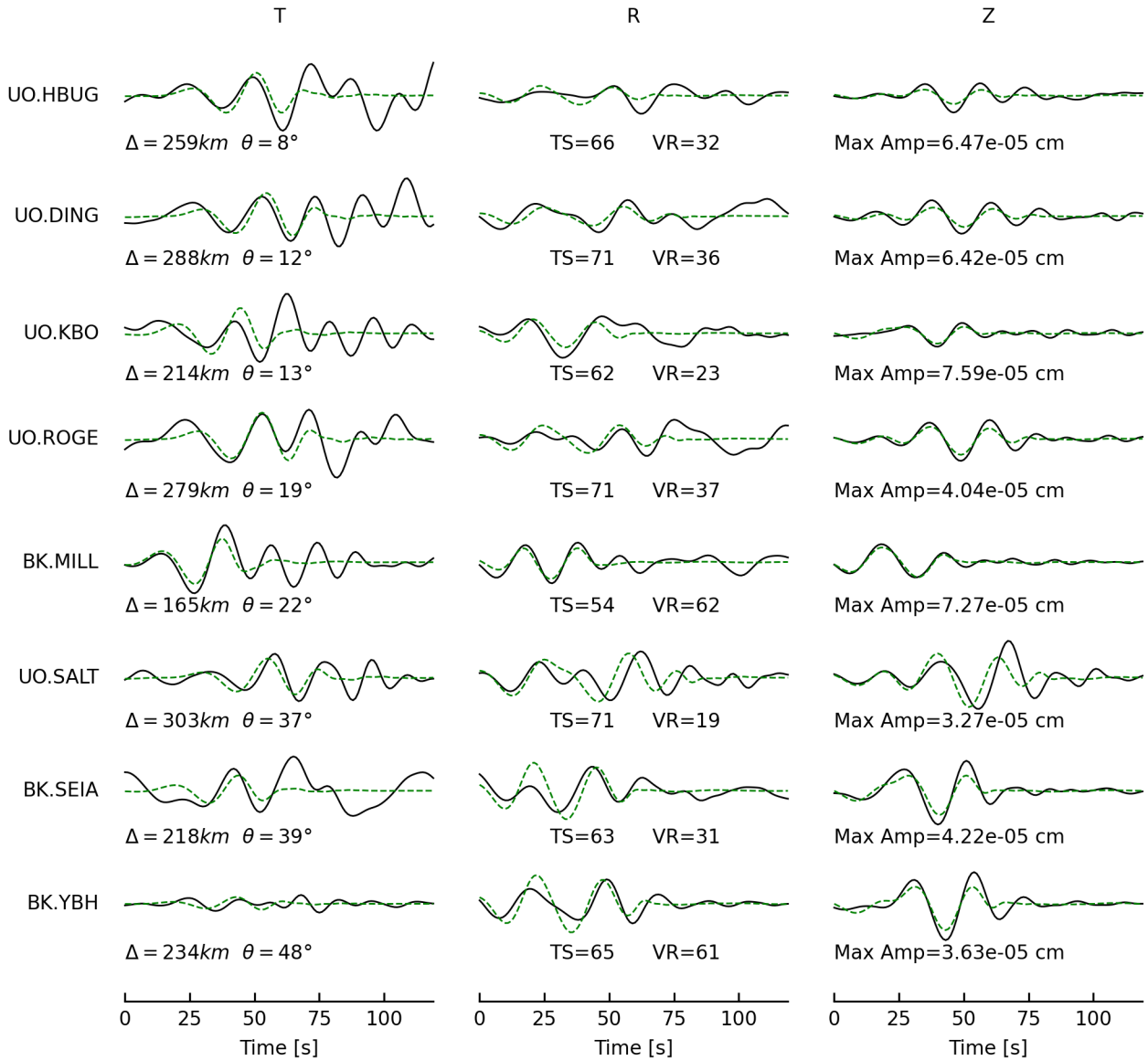


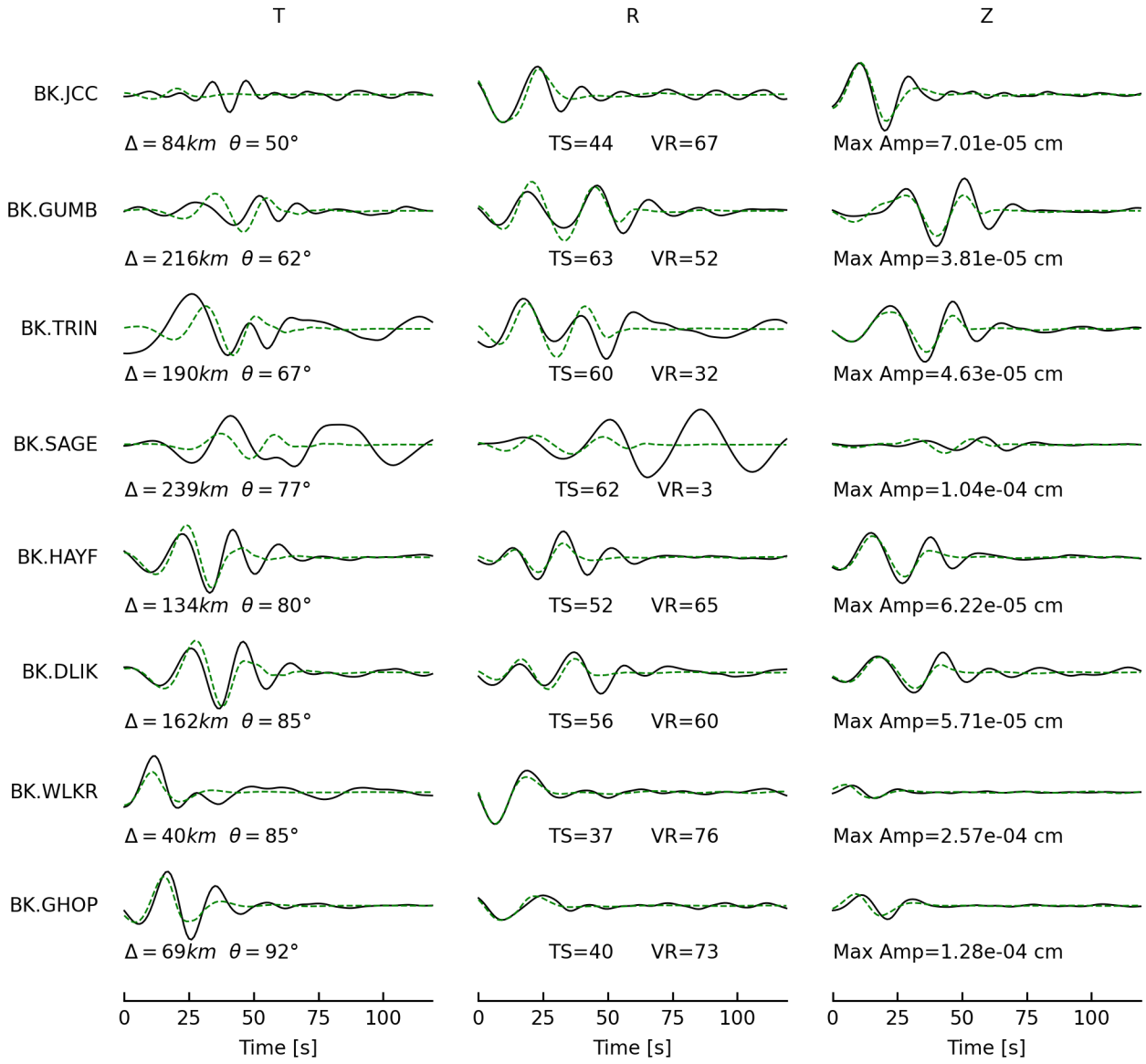

Tangential
Radial
Vertical
BK.HAYF
Δ=117 km θ = 77°
TS=46 (46) VR=-1
Max Amp=1.91e-05 cm
BK.DLIK
Δ=144 km θ = 82°
TS=51 (50) VR=19
Max Amp=1.54e-05 cm
BK.GHOP
Δ=51 km θ = 88°
TS=35 (37) VR=59
Max Amp=1.69e-05 cm
BK.HUNT
Δ=122 km θ = 95°
TS=47 (47) VR=-11
Max Amp=2.05e-05 cm
BK.ORV
Δ=275 km θ = 106°
TS=67 (67) VR=7
Max Amp=8.63e-06 cm
BK.SPRL
Δ=69 km θ = 116°
TS=40 (40) VR=22
Max Amp=2.33e-05 cm
BK.USAL
Δ=79 km θ = 125°
TS=36 (41) VR=-35
Max Amp=9.03e-06 cm
NC.KCPC
Δ=108 km θ = 128°
TS=45 (45) VR=-1
Max Amp=1.49e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

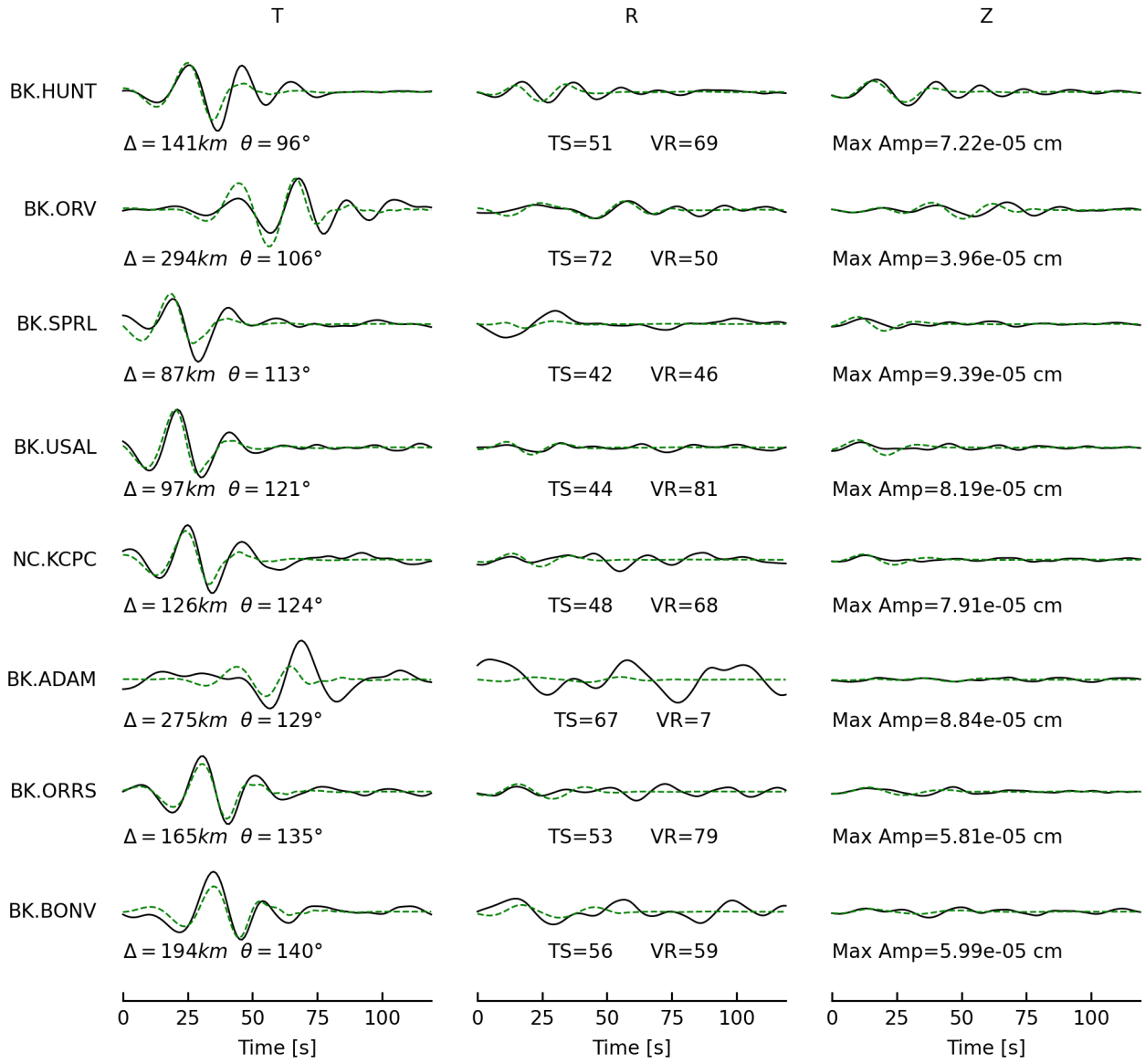

Tangential
Radial
Vertical
BK.ADAM
Δ=258 km θ = 131°
TS=64 (64) VR=2
Max Amp=7.96e-05 cm
BK.ORRS
Δ=150 km θ = 139°
TS=50 (50) VR=17
Max Amp=9.00e-06 cm
BK.BONV
Δ=179 km θ = 144°
TS=54 (54) VR=-7
Max Amp=3.71e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

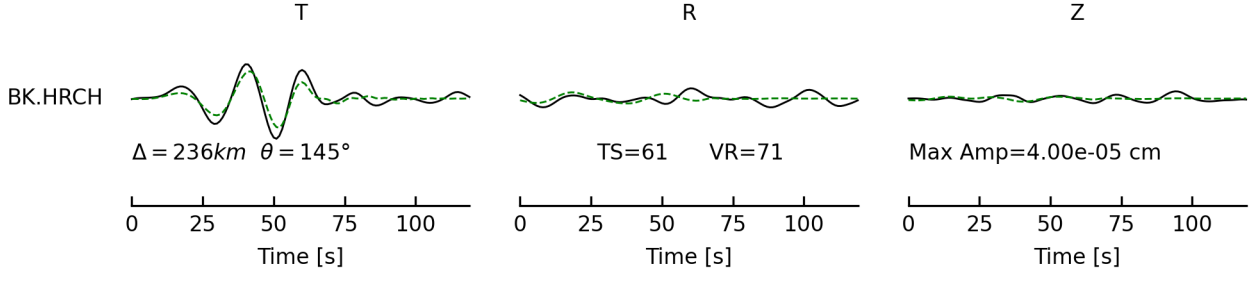
Deviatoric Moment Tensor Inversion
Evid = 75101006
Depth = 3.0 km
Mw = 4.10
M0 = 1.74e+22 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (129,76,84) (334,16,113)
npts = 120 vred = 7.692 km/s
VR = 37.46% lune:1,0



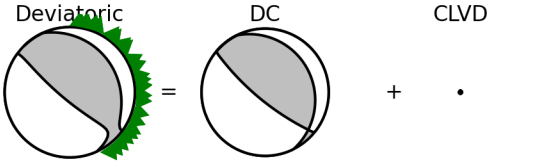


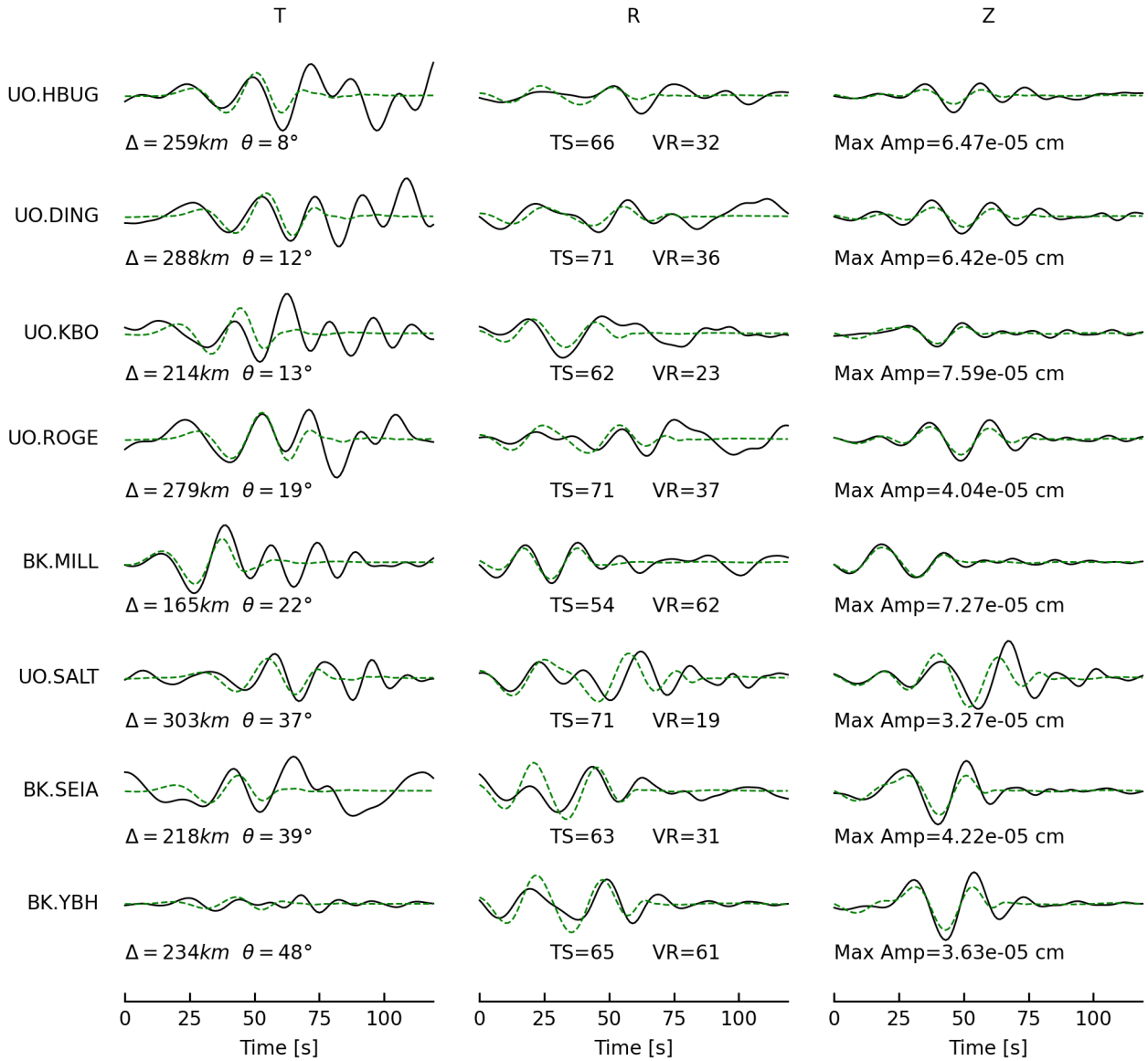

T
R
Z
BK.JCC
Δ = 84km θ = 50°
TS=44 VR=67
Max Amp=7.01e-05 cm
BK.GUMB
Δ = 216km θ = 62°
TS=63 VR=52
Max Amp=3.81e-05 cm
BK.TRIN
Δ = 190km θ = 67°
TS=60 VR=32
Max Amp=4.63e-05 cm
BK.SAGE
Δ = 239km θ = 77°
TS=62 VR=3
Max Amp=1.04e-04 cm
BK.HAYF
Δ = 134km θ = 80°
TS=52 VR=65
Max Amp=6.22e-05 cm
BK.DLIK
Δ = 162km θ = 85°
TS=56 VR=60
Max Amp=5.71e-05 cm
BK.WLKR
Δ = 40km θ = 85°
TS=37 VR=76
Max Amp=2.57e-04 cm
BK.GHOP
Δ = 69km θ = 92°
TS=40 VR=73
Max Amp=1.28e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

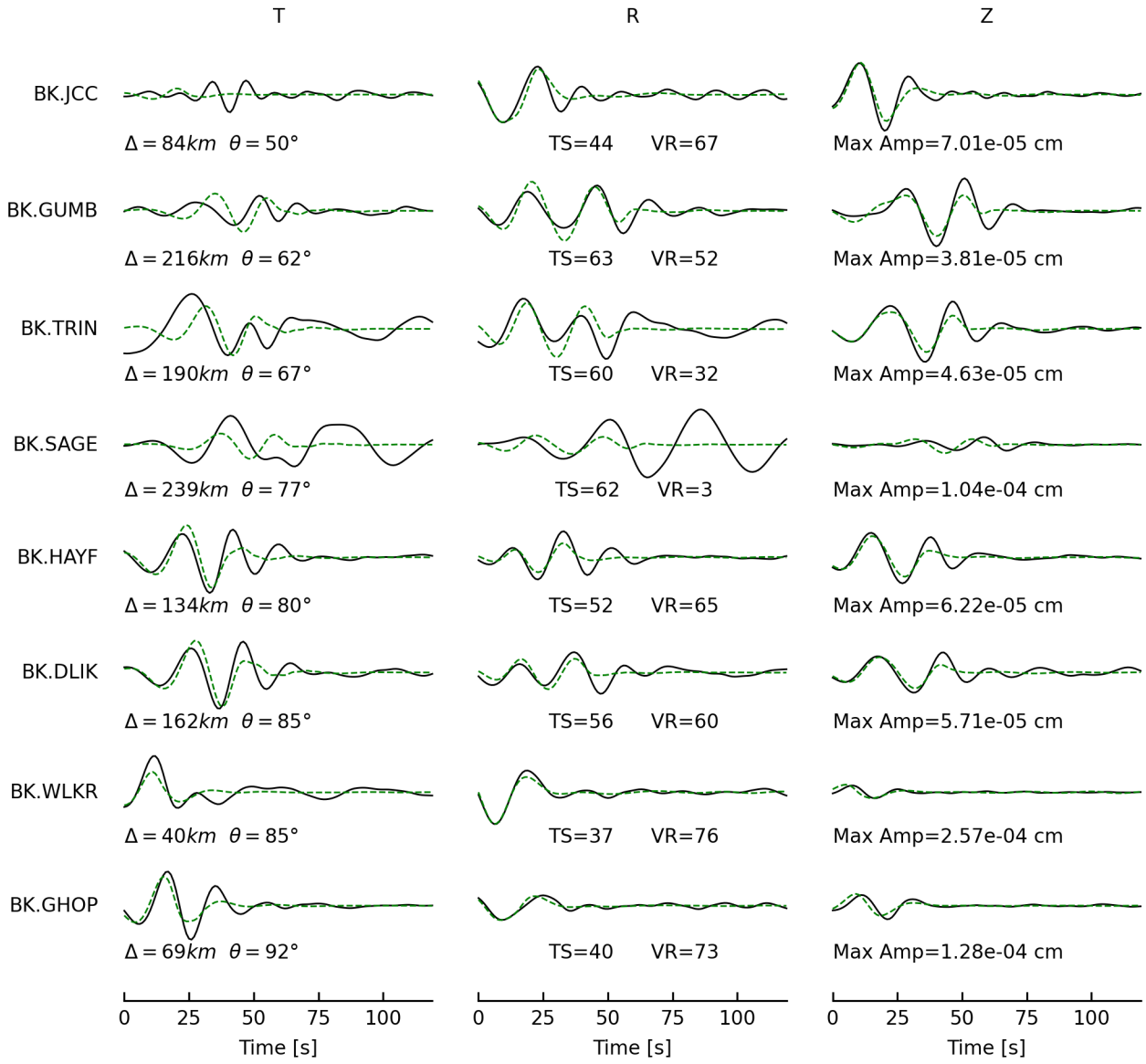

T
R
Z
BK.HUNT
Δ = 141km θ = 96°
TS=51 VR=69
Max Amp=7.22e-05 cm
BK.ORV
Δ = 294km θ = 106°
TS=72 VR=50
Max Amp=3.96e-05 cm
BK.SPRL
Δ = 87km θ = 113°
TS=42 VR=46
Max Amp=9.39e-05 cm
BK.USAL
Δ = 97km θ = 121°
TS=44 VR=81
Max Amp=8.19e-05 cm
NC.KCPC
Δ = 126km θ = 124°
TS=48 VR=68
Max Amp=7.91e-05 cm
BK.ADAM
Δ = 275km θ = 129°
TS=67 VR=7
Max Amp=8.84e-05 cm
BK.ORRS
Δ = 165km θ = 135°
TS=53 VR=79
Max Amp=5.81e-05 cm
BK.BONV
Δ = 194km θ = 140°
TS=56 VR=59
Max Amp=5.99e-05 cm
0 25 50 75 100
Time [s]

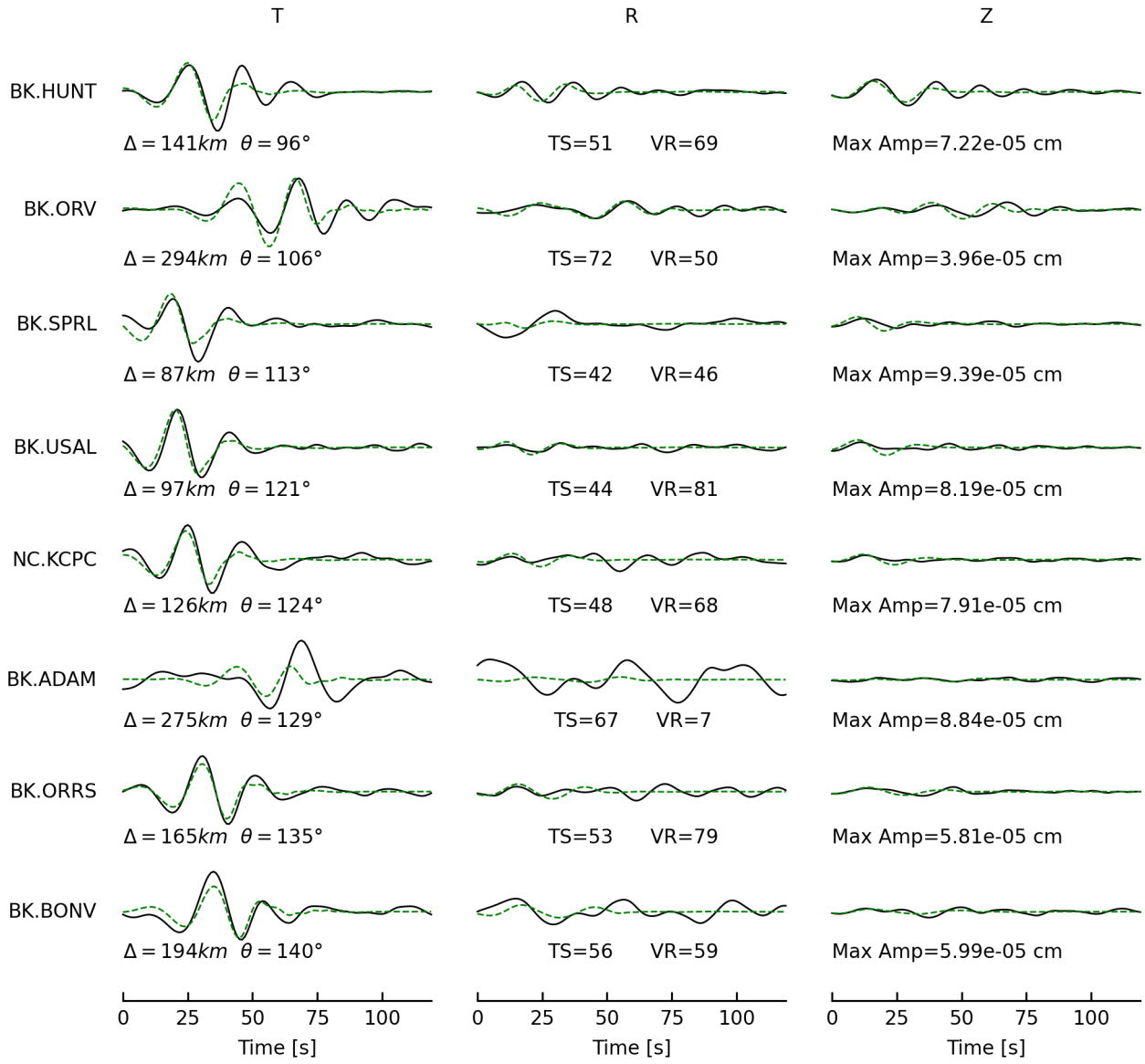

T
R
Z
BK.HRCH
Δ = 236km θ = 145°
TS=61 VR=71
Max Amp=4.00e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

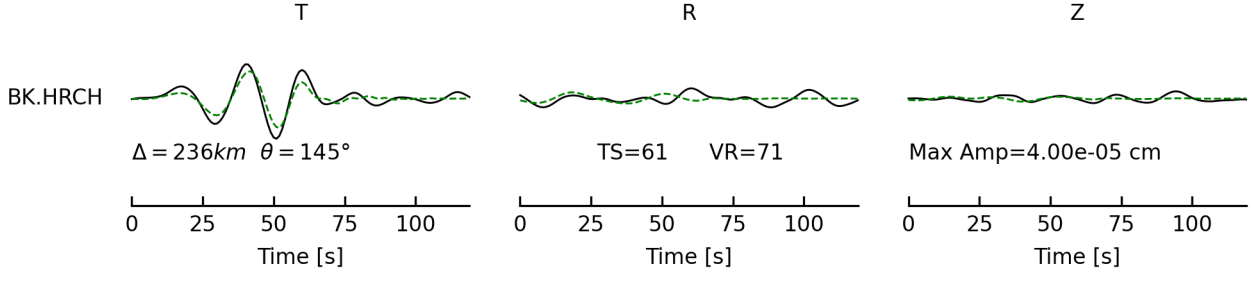
Deviatoric Moment Tensor Inversion
Evid = 75101006
Depth = 3.0 km
Mw = 4.10
M0 = 1.74e+22 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (129,76,84) (334,16,113)
npts = 120 vred = 7.692 km/s
VR = 37.46% lune:1,0



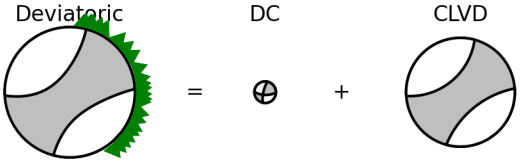


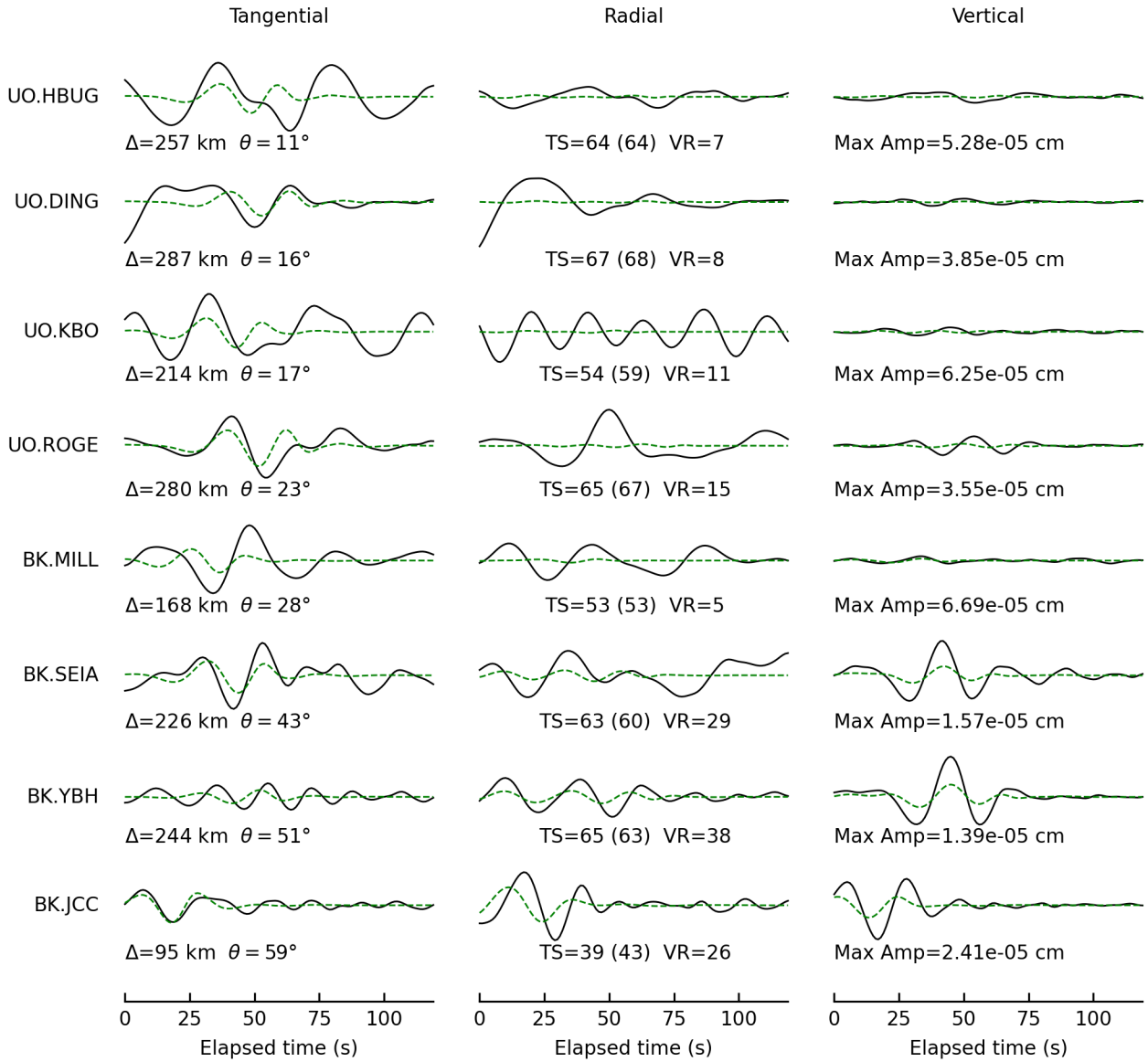

T
R
Z
BK.JCC
Δ = 84km θ = 50°
TS=44 VR=67
Max Amp=7.01e-05 cm
BK.GUMB
Δ = 216km θ = 62°
TS=63 VR=52
Max Amp=3.81e-05 cm
BK.TRIN
Δ = 190km θ = 67°
TS=60 VR=32
Max Amp=4.63e-05 cm
BK.SAGE
Δ = 239km θ = 77°
TS=62 VR=3
Max Amp=1.04e-04 cm
BK.HAYF
Δ = 134km θ = 80°
TS=52 VR=65
Max Amp=6.22e-05 cm
BK.DLIK
Δ = 162km θ = 85°
TS=56 VR=60
Max Amp=5.71e-05 cm
BK.WLKR
Δ = 40km θ = 85°
TS=37 VR=76
Max Amp=2.57e-04 cm
BK.GHOP
Δ = 69km θ = 92°
TS=40 VR=73
Max Amp=1.28e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

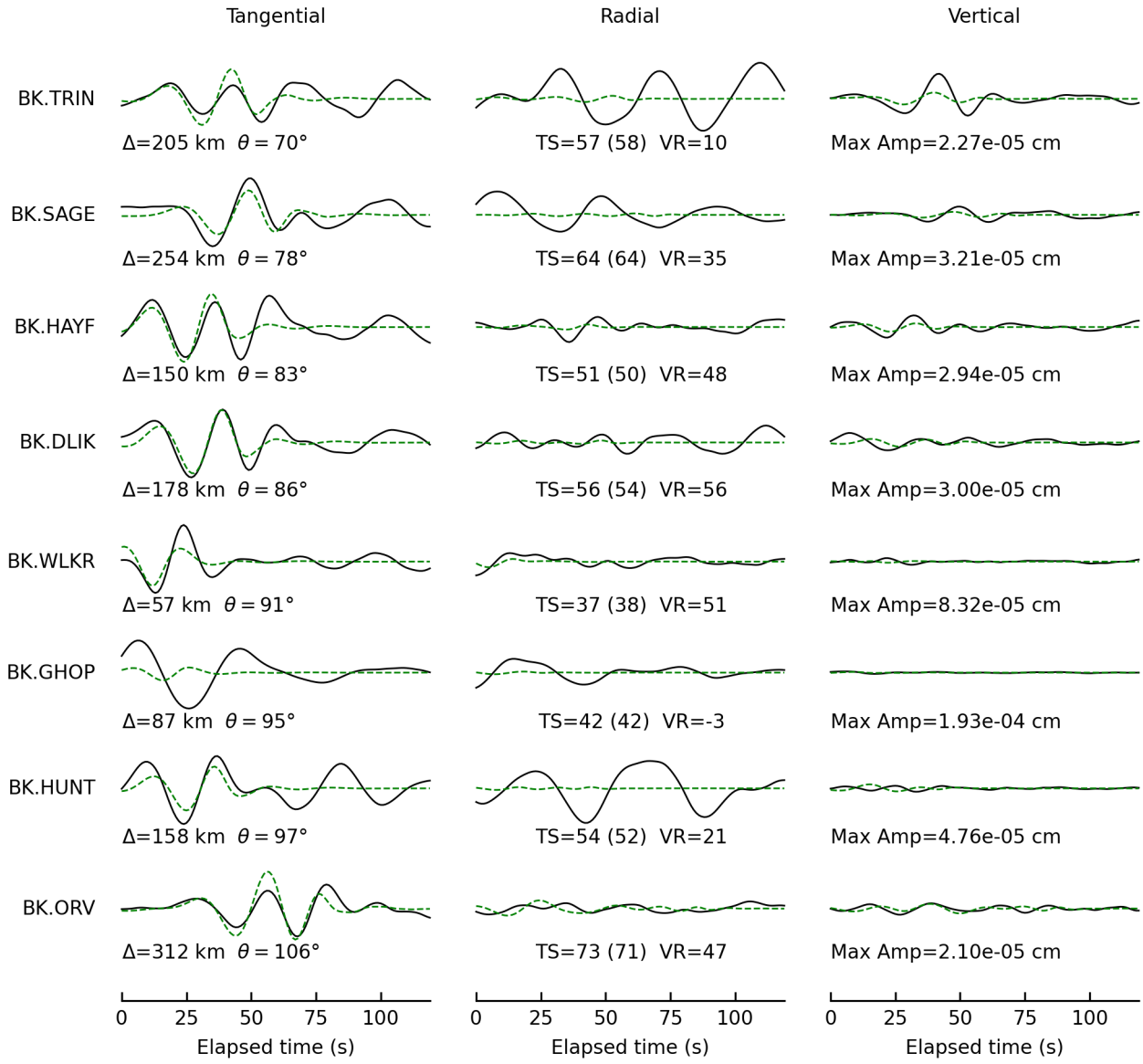

T
R
Z
BK.HUNT
Δ = 141km θ = 96°
TS=51 VR=69
Max Amp=7.22e-05 cm
BK.ORV
Δ = 294km θ = 106°
TS=72 VR=50
Max Amp=3.96e-05 cm
BK.SPRL
Δ = 87km θ = 113°
TS=42 VR=46
Max Amp=9.39e-05 cm
BK.USAL
Δ = 97km θ = 121°
TS=44 VR=81
Max Amp=8.19e-05 cm
NC.KCPC
Δ = 126km θ = 124°
TS=48 VR=68
Max Amp=7.91e-05 cm
BK.ADAM
Δ = 275km θ = 129°
TS=67 VR=7
Max Amp=8.84e-05 cm
BK.ORRS
Δ = 165km θ = 135°
TS=53 VR=79
Max Amp=5.81e-05 cm
BK.BONV
Δ = 194km θ = 140°
TS=56 VR=59
Max Amp=5.99e-05 cm
0 25 50 75 100
Time [s]

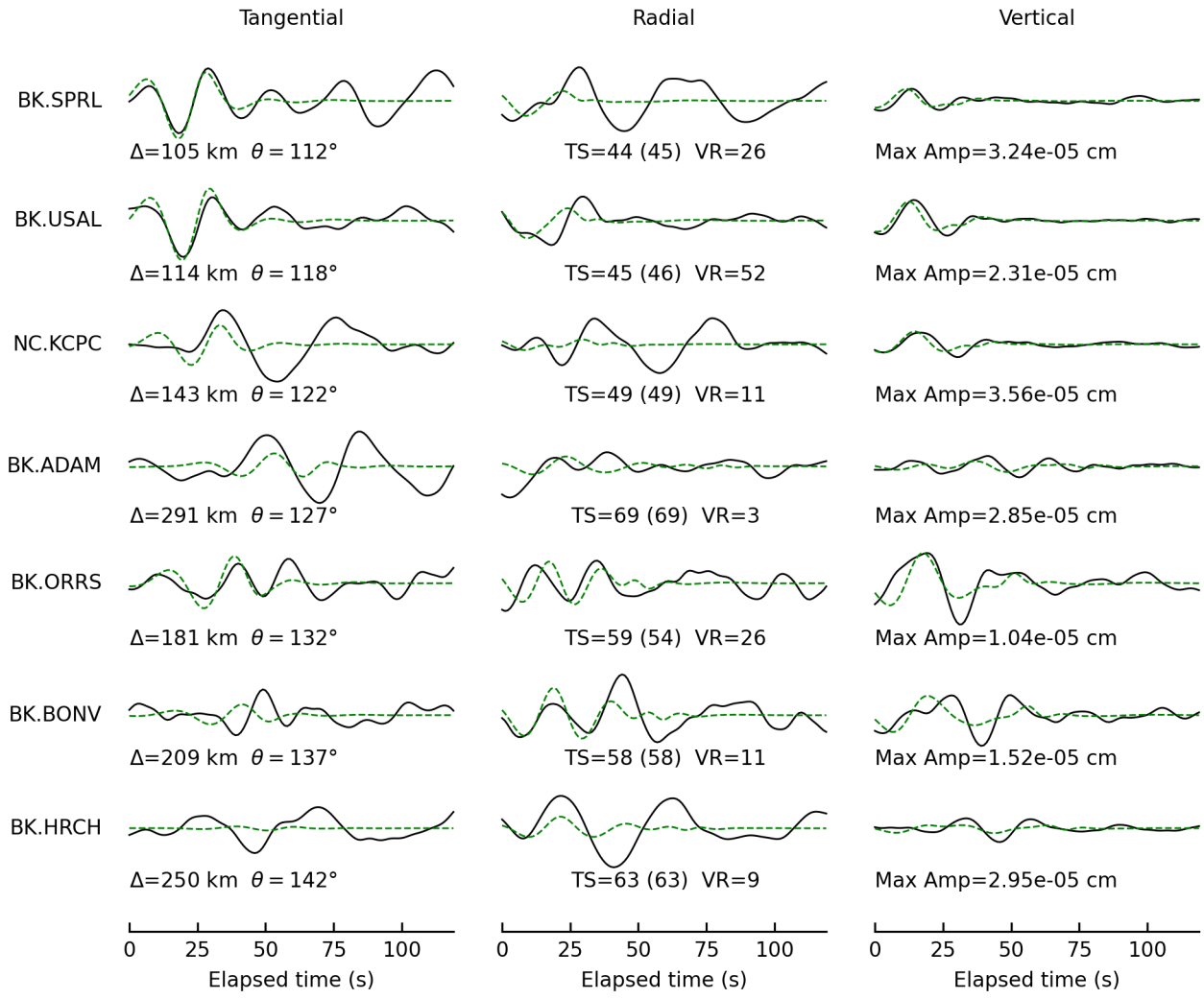

T
R
Z
BK.HRCH
Δ = 236km θ = 145°
TS=61 VR=71
Max Amp=4.00e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75102341
Depth = 12.0 km
Mw = 3.67
M0 = 3.98e+21 dyne-cm
Percent DC/CLVD/ISO = 17/83/0
sdr = (92,62,158) (192,71,30)
npts = 120 vred = 7.692 km/s
VR = 9.23% lune:25,0

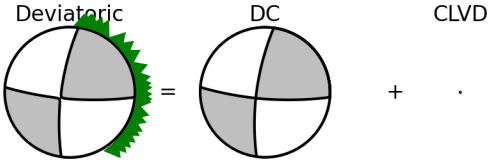


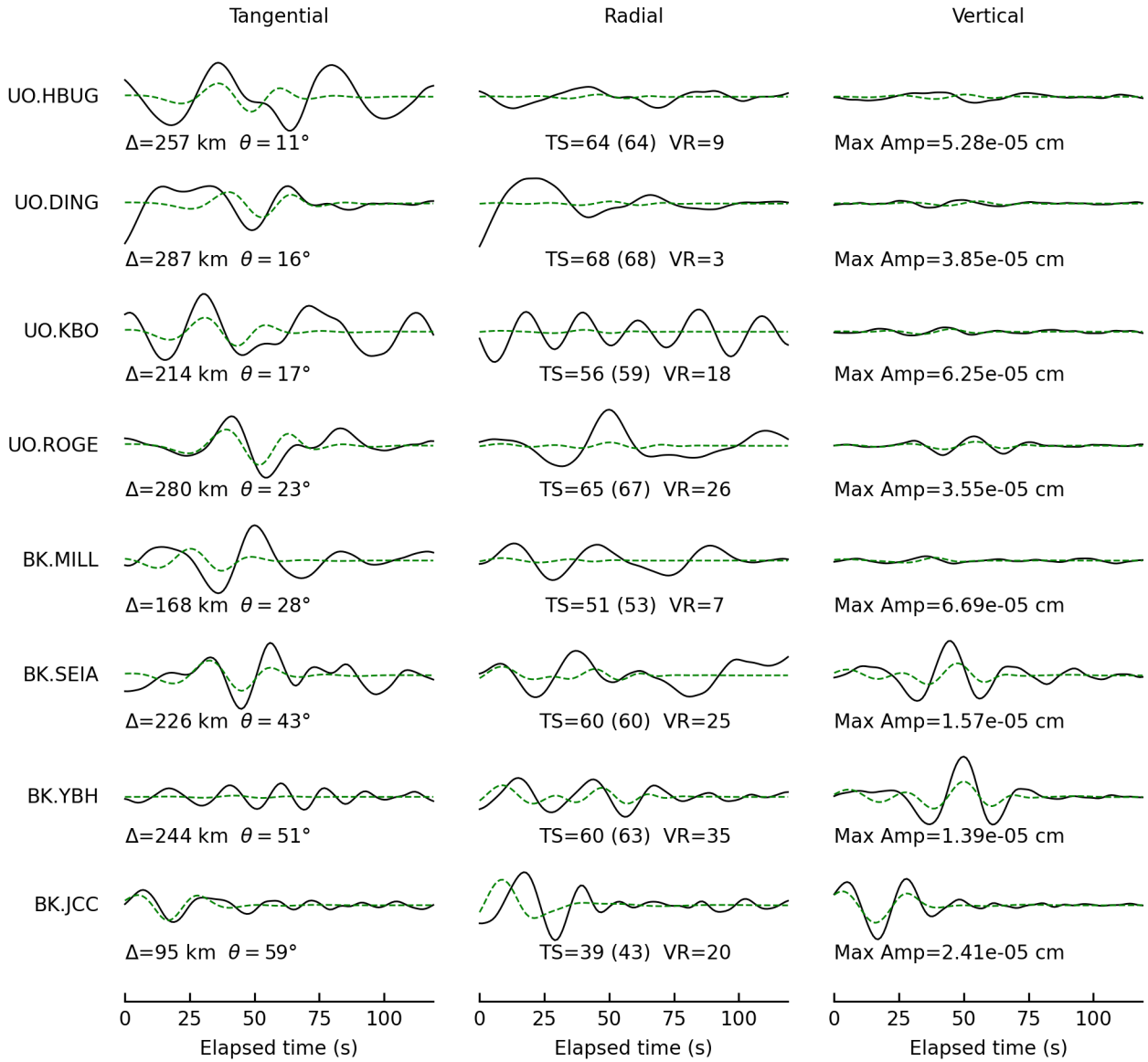


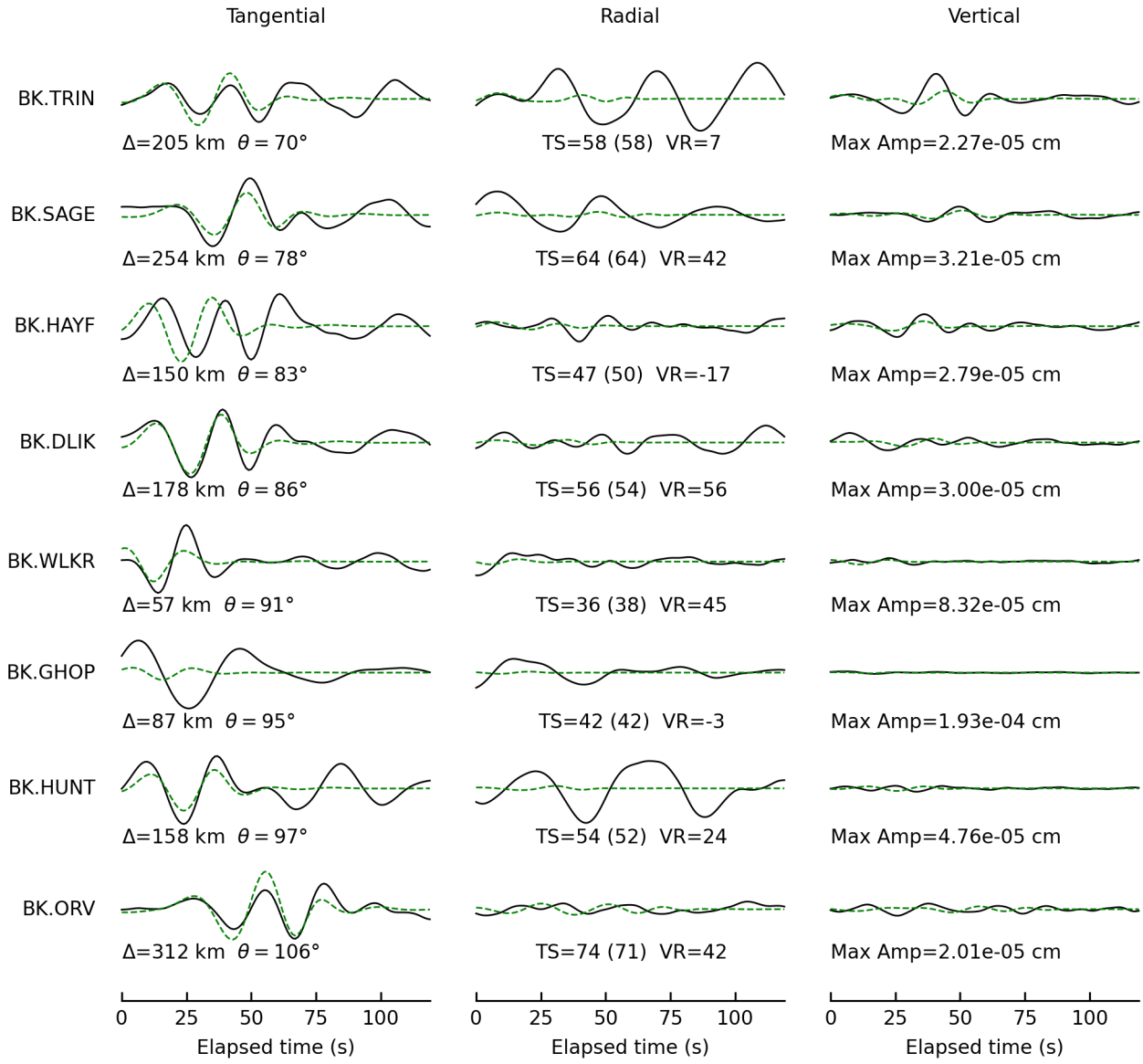

Tangential
Radial
Vertical
BK.TRIN
Δ=205 km θ = 70°
TS=57 (58) VR=10
Max Amp=2.27e-05 cm
BK.SAGE
Δ=254 km θ = 78°
TS=64 (64) VR=35
Max Amp=3.21e-05 cm
BK.HAYF
Δ=150 km θ = 83°
TS=51 (50) VR=48
Max Amp=2.94e-05 cm
BK.DLIK
Δ=178 km θ = 86°
TS=56 (54) VR=56
Max Amp=3.00e-05 cm
BK.WLKR
Δ=57 km θ = 91°
TS=37 (38) VR=51
Max Amp=8.32e-05 cm
BK.GHOP
Δ=87 km θ = 95°
TS=42 (42) VR=-3
Max Amp=1.93e-04 cm
BK.HUNT
Δ=158 km θ = 97°
TS=54 (52) VR=21
Max Amp=4.76e-05 cm
BK.ORV
Δ=312 km θ = 106°
TS=73 (71) VR=47
Max Amp=2.10e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

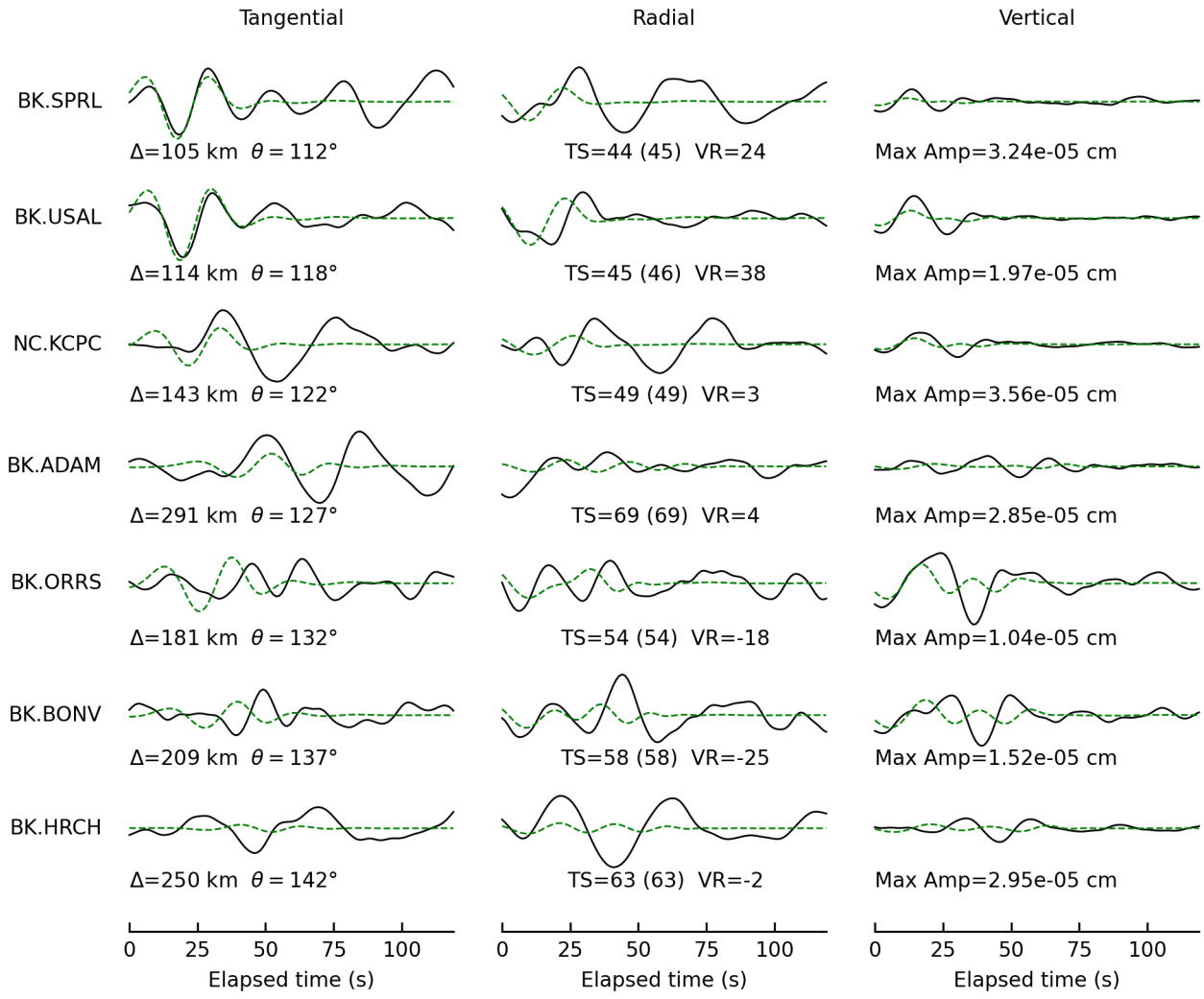

Tangential
Radial
Vertical
BK.SPRL
Δ=105 km θ = 112°
TS=44 (45) VR=26
Max Amp=3.24e-05 cm
BK.USAL
Δ=114 km θ = 118°
TS=45 (46) VR=52
Max Amp=2.31e-05 cm
NC.KCPC
Δ=143 km θ = 122°
TS=49 (49) VR=11
Max Amp=3.56e-05 cm
BK.ADAM
Δ=291 km θ = 127°
TS=69 (69) VR=3
Max Amp=2.85e-05 cm
BK.ORRS
Δ=181 km θ = 132°
TS=59 (54) VR=26
Max Amp=1.04e-05 cm
BK.BONV
Δ=209 km θ = 137°
TS=58 (58) VR=11
Max Amp=1.52e-05 cm
BK.HRCH
Δ=250 km θ = 142°
TS=63 (63) VR=9
Max Amp=2.95e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75102341
Depth = 29.0 km
Mw = 3.84
M0 = 7.05e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (94,78,165) (188,75,12)
npts = 120 vred = 7.692 km/s
VR = 8.92% lune:0,0

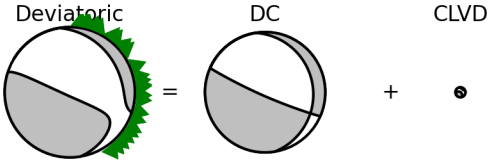


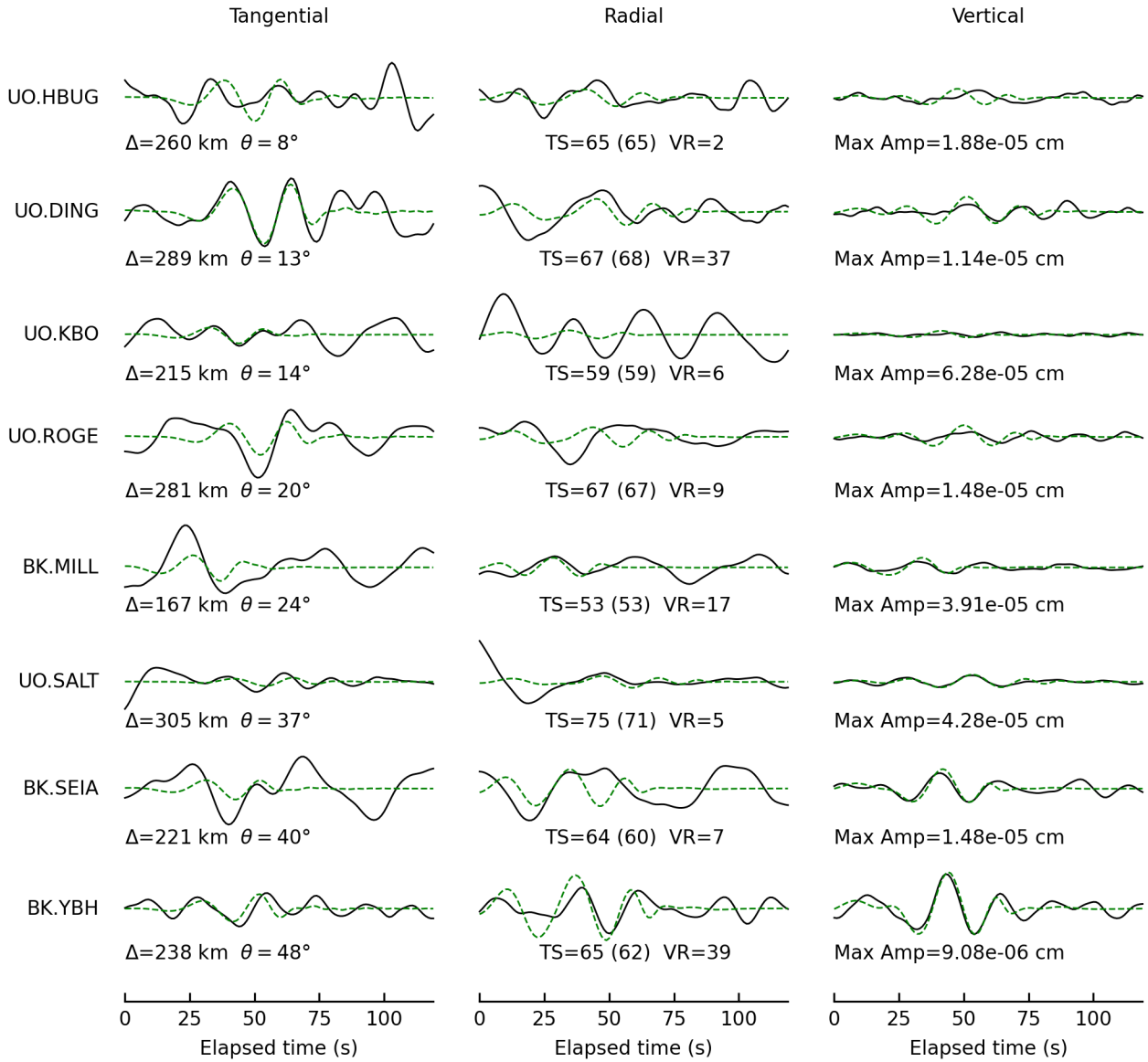


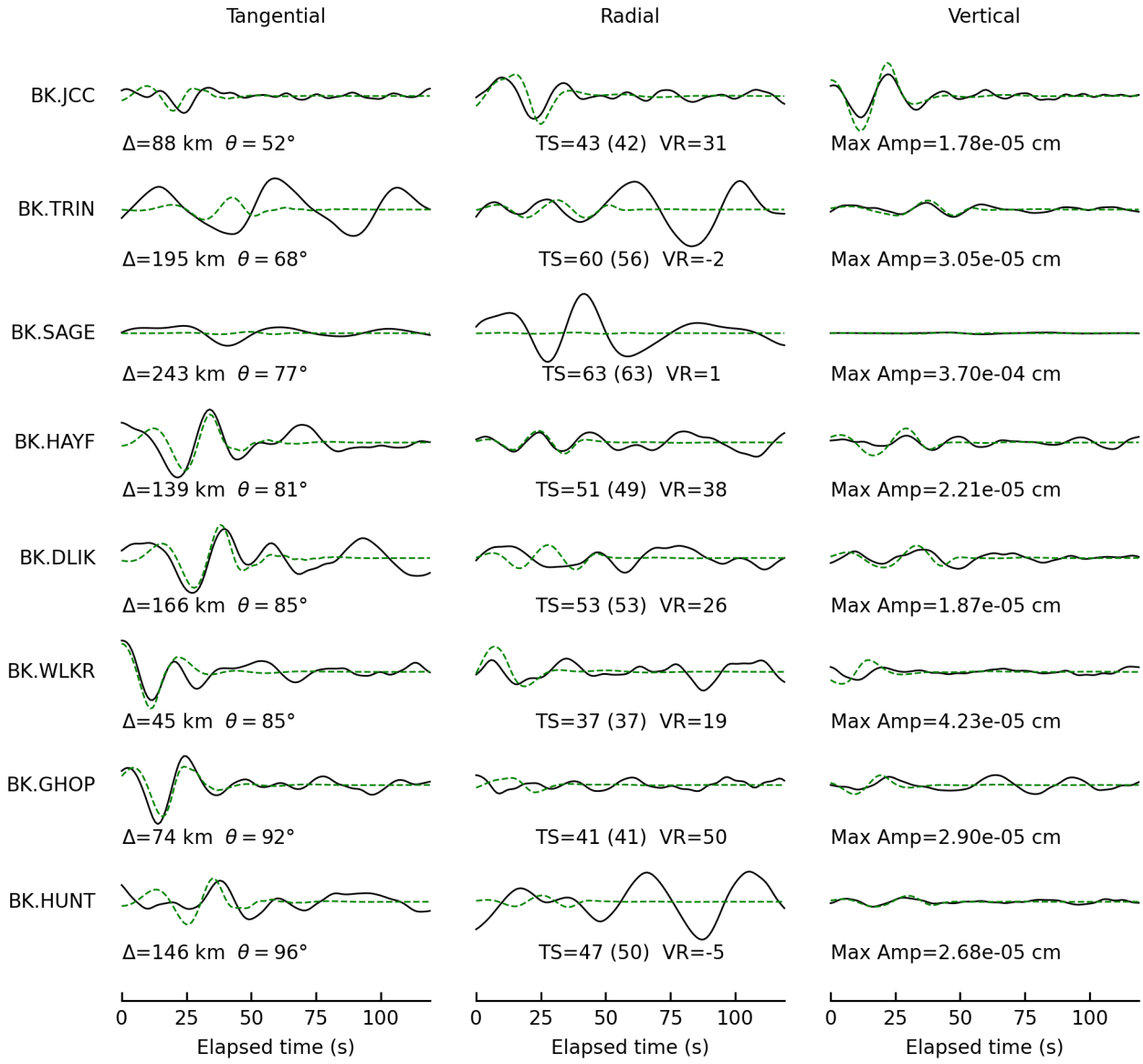

Tangential
Radial
Vertical
BK.TRIN
Δ=205 km θ = 70°
TS=58 (58) VR=7
Max Amp=2.27e-05 cm
BK.SAGE
Δ=254 km θ = 78°
TS=64 (64) VR=42
Max Amp=3.21e-05 cm
BK.HAYF
Δ=150 km θ = 83°
TS=47 (50) VR=-17
Max Amp=2.79e-05 cm
BK.DLIK
Δ=178 km θ = 86°
TS=56 (54) VR=56
Max Amp=3.00e-05 cm
BK.WLKR
Δ=57 km θ = 91°
TS=36 (38) VR=45
Max Amp=8.32e-05 cm
BK.GHOP
Δ=87 km θ = 95°
TS=42 (42) VR=-3
Max Amp=1.93e-04 cm
BK.HUNT
Δ=158 km θ = 97°
TS=54 (52) VR=24
Max Amp=4.76e-05 cm
BK.ORV
Δ=312 km θ = 106°
TS=74 (71) VR=42
Max Amp=2.01e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

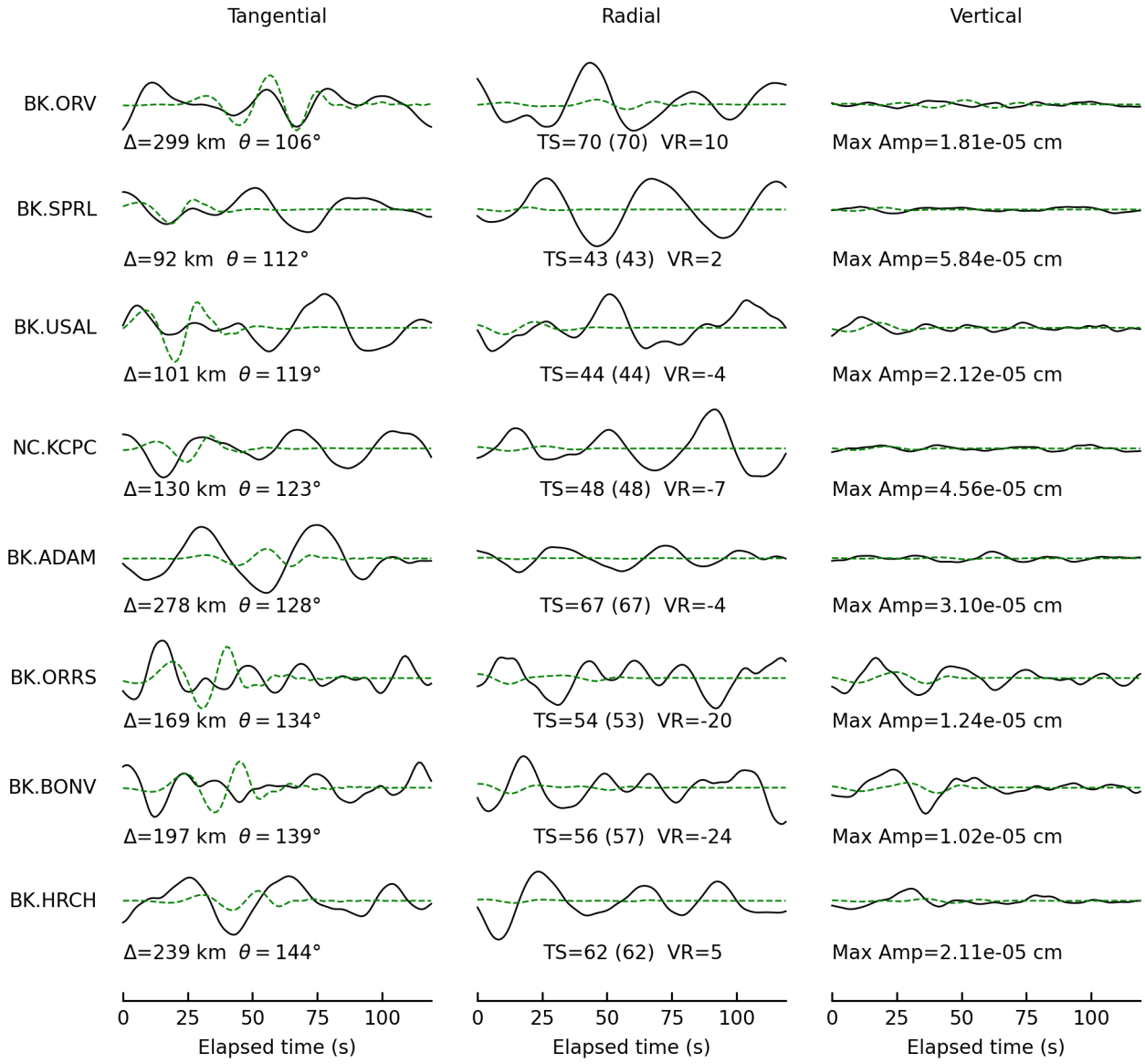

Tangential
Radial
Vertical
BK.SPRL
Δ=105 km θ = 112°
TS=44 (45) VR=24
Max Amp=3.24e-05 cm
BK.USAL
Δ=114 km θ = 118°
TS=45 (46) VR=38
Max Amp=1.97e-05 cm
NC.KCPC
Δ=143 km θ = 122°
TS=49 (49) VR=3
Max Amp=3.56e-05 cm
BK.ADAM
Δ=291 km θ = 127°
TS=69 (69) VR=4
Max Amp=2.85e-05 cm
BK.ORRS
Δ=181 km θ = 132°
TS=54 (54) VR=-18
Max Amp=1.04e-05 cm
BK.BONV
Δ=209 km θ = 137°
TS=58 (58) VR=-25
Max Amp=1.52e-05 cm
BK.HRCH
Δ=250 km θ = 142°
TS=63 (63) VR=-2
Max Amp=2.95e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75102586
Depth = 1.0 km
Mw = 3.78
M0 = 5.82e+21 dyne-cm
Percent DC/CLVD/ISO = 92/8/0
sdr = (351,13,-34) (114,83,-101)
npts = 120 vred = 7.692 km/s
VR = 1.82% lune:-2,0

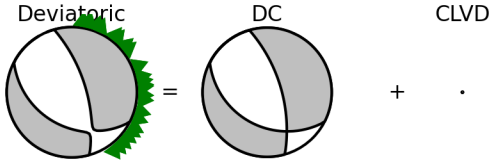





Tangential
Radial
Vertical
BK.JCC
Δ=88 km θ = 52°
TS=43 (42) VR=31
Max Amp=1.78e-05 cm
BK.TRIN
Δ=195 km θ = 68°
TS=60 (56) VR=-2
Max Amp=3.05e-05 cm
BK.SAGE
Δ=243 km θ = 77°
TS=63 (63) VR=1
Max Amp=3.70e-04 cm
BK.HAYF
Δ=139 km θ = 81°
TS=51 (49) VR=38
Max Amp=2.21e-05 cm
BK.DLIK
Δ=166 km θ = 85°
TS=53 (53) VR=26
Max Amp=1.87e-05 cm
BK.WLKR
Δ=45 km θ = 85°
TS=37 (37) VR=19
Max Amp=4.23e-05 cm
BK.GHOP
Δ=74 km θ = 92°
TS=41 (41) VR=50
Max Amp=2.90e-05 cm
BK.HUNT
Δ=146 km θ = 96°
TS=47 (50) VR=-5
Max Amp=2.68e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.ORV
Δ=299 km θ = 106°
TS=70 (70) VR=10
Max Amp=1.81e-05 cm
BK.SPRL
Δ=92 km θ = 112°
TS=43 (43) VR=2
Max Amp=5.84e-05 cm
BK.USAL
Δ=101 km θ = 119°
TS=44 (44) VR=-4
Max Amp=2.12e-05 cm
NC.KCPC
Δ=130 km θ = 123°
TS=48 (48) VR=-7
Max Amp=4.56e-05 cm
BK.ADAM
Δ=278 km θ = 128°
TS=67 (67) VR=-4
Max Amp=3.10e-05 cm
BK.ORRS
Δ=169 km θ = 134°
TS=54 (53) VR=-20
Max Amp=1.24e-05 cm
BK.BONV
Δ=197 km θ = 139°
TS=56 (57) VR=-24
Max Amp=1.02e-05 cm
BK.HRCH
Δ=239 km θ = 144°
TS=62 (62) VR=5
Max Amp=2.11e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75102586
Depth = 11.0 km
Mw = 3.65
M0 = 3.66e+21 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (117,34,-131) (344,65,-66)
npts = 120 vred = 7.692 km/s
VR = 1.49% lune:0,0



Tangential | Radial | Vertical

UO.HBUG
Δ=260 km θ = 8° | TS=65 (65) VR=10 | Max Amp=1.88e-05 cm

UO.DING
Δ=289 km θ = 13° | TS=69 (68) VR=42 | Max Amp=1.14e-05 cm

UO.KBO
Δ=215 km θ = 14° | TS=59 (59) VR=2 | Max Amp=6.28e-05 cm

UO.ROGE
Δ=281 km θ = 20° | TS=67 (67) VR=9 | Max Amp=1.48e-05 cm

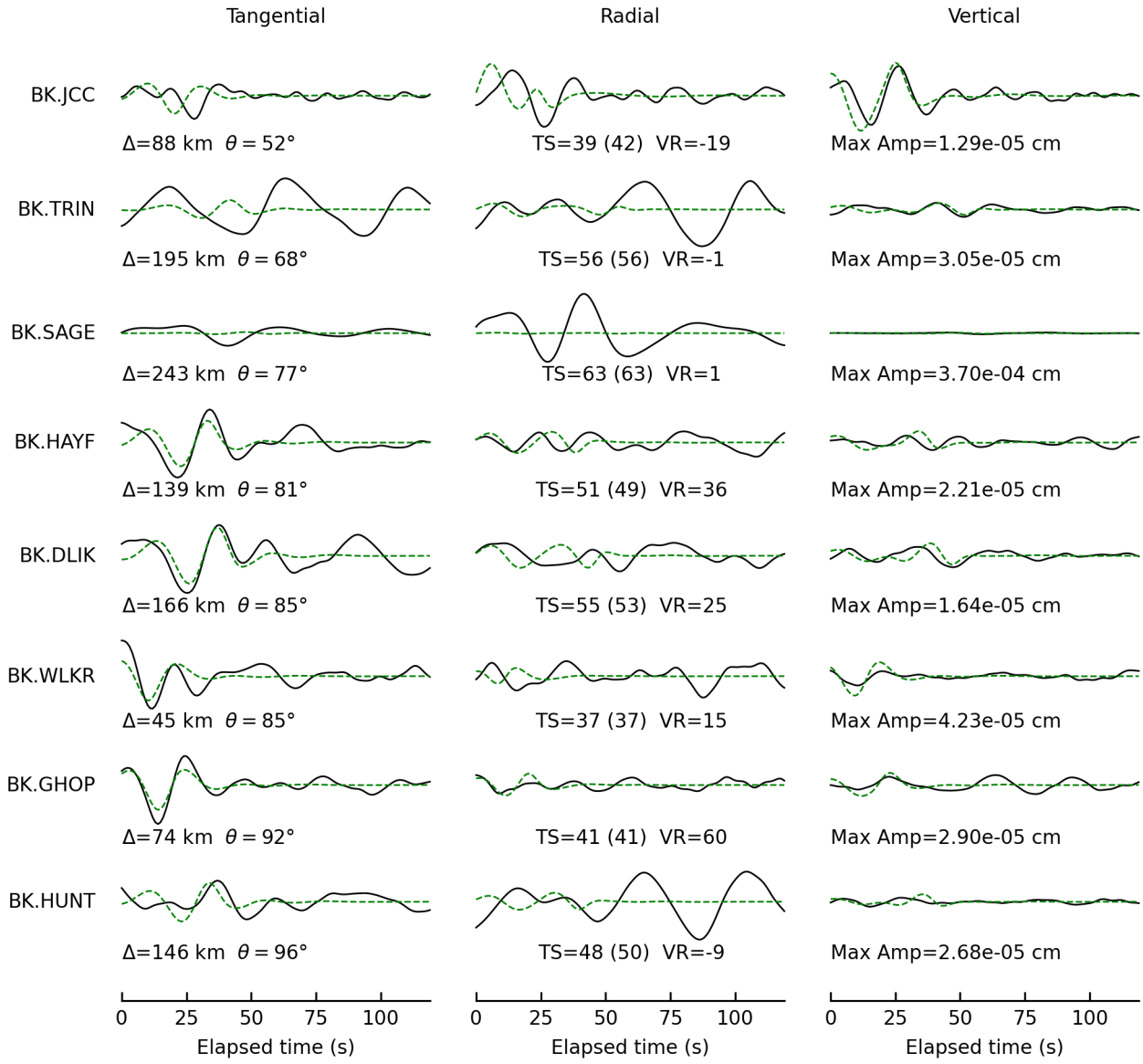
BK.MILL
Δ=167 km θ = 24° | TS=53 (53) VR=20 | Max Amp=3.91e-05 cm

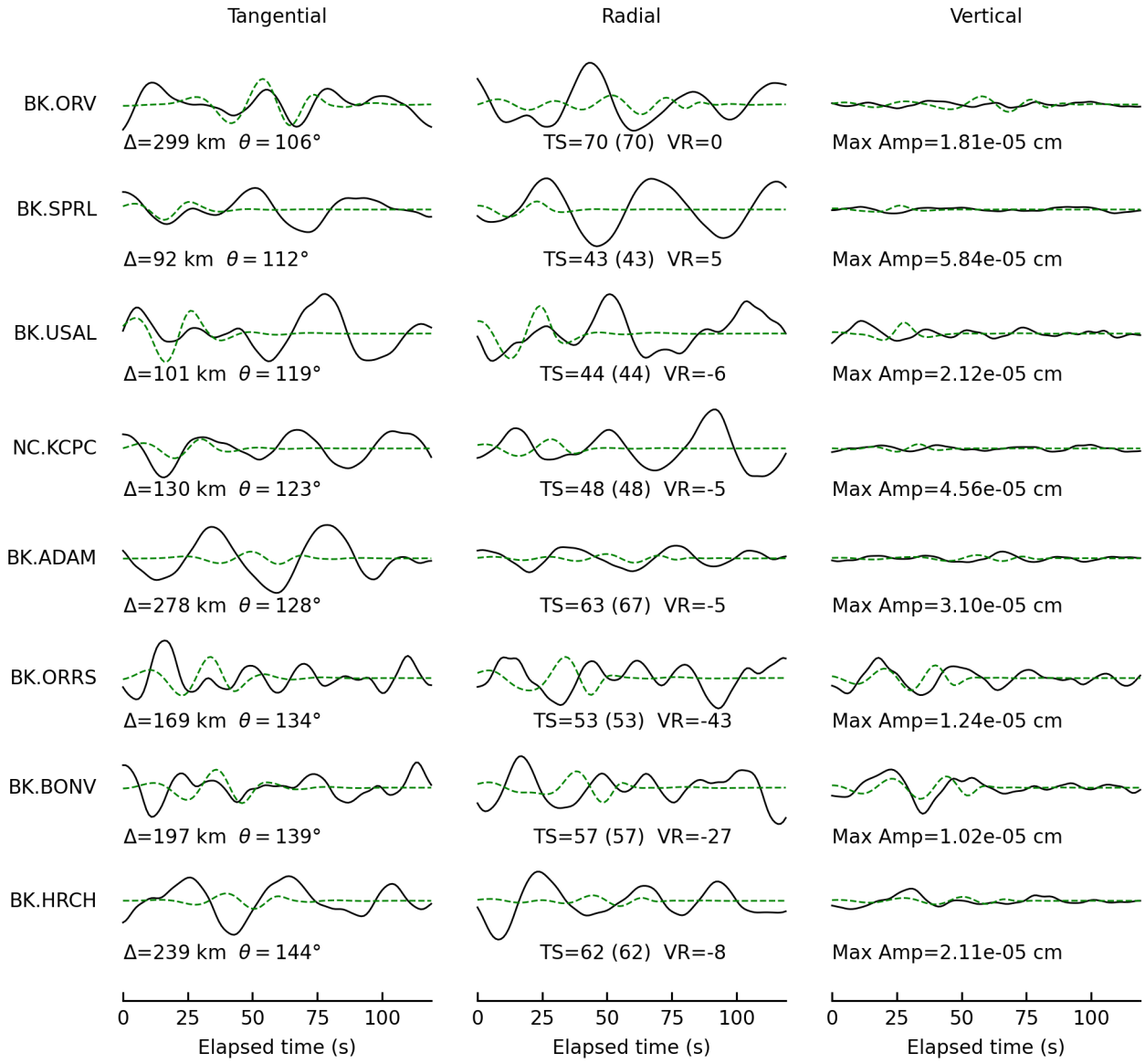
UO.SALT
Δ=305 km θ = 37° | TS=75 (71) VR=12 | Max Amp=4.28e-05 cm

BK.SEIA
Δ=221 km θ = 40° | TS=60 (60) VR=16 | Max Amp=1.48e-05 cm

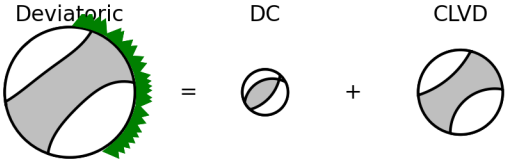
BK.YBH
Δ=238 km θ = 48° | TS=65 (62) VR=9 | Max Amp=8.61e-06 cm

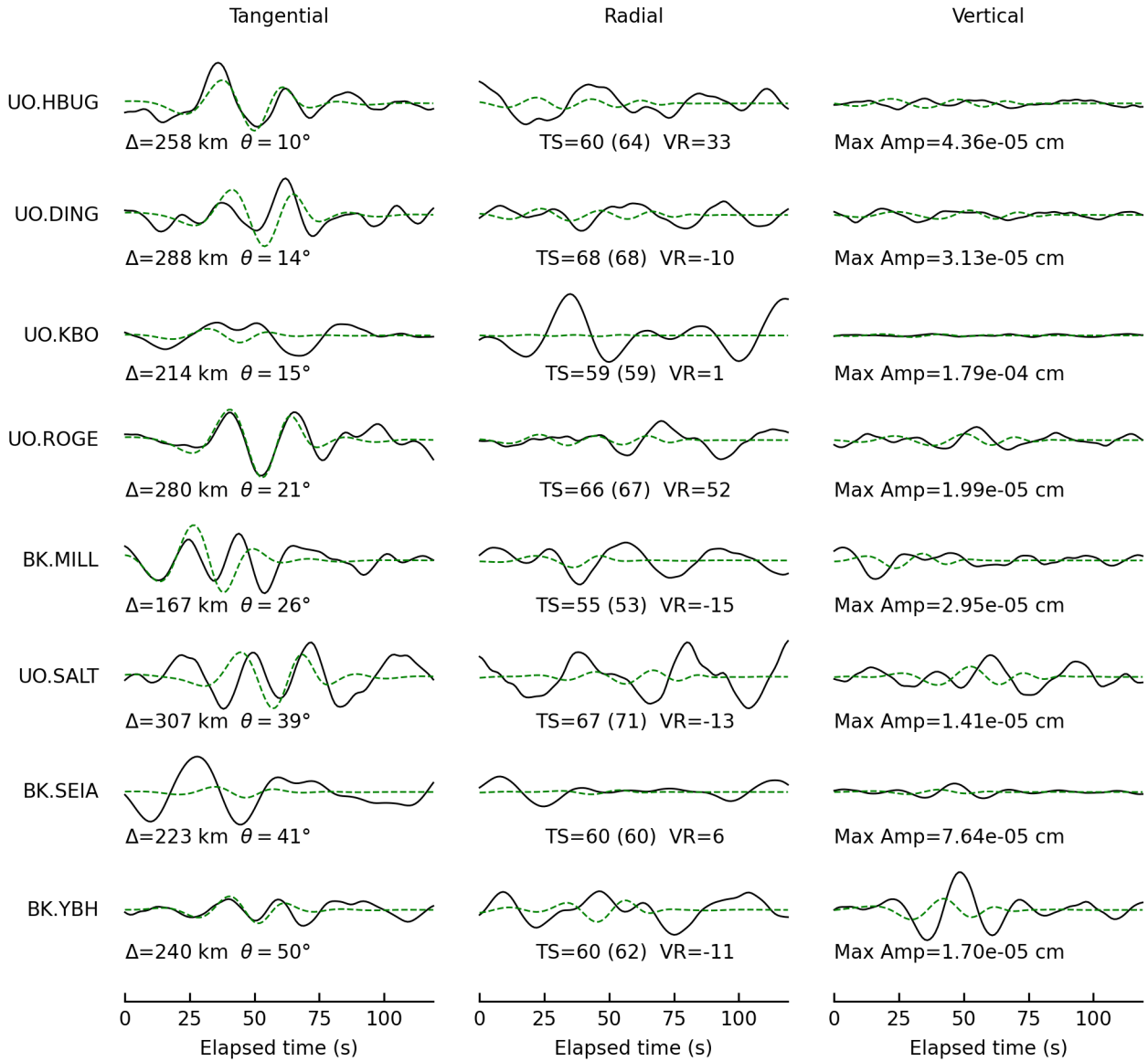
0 25 50 75 100
Elapsed time (s)

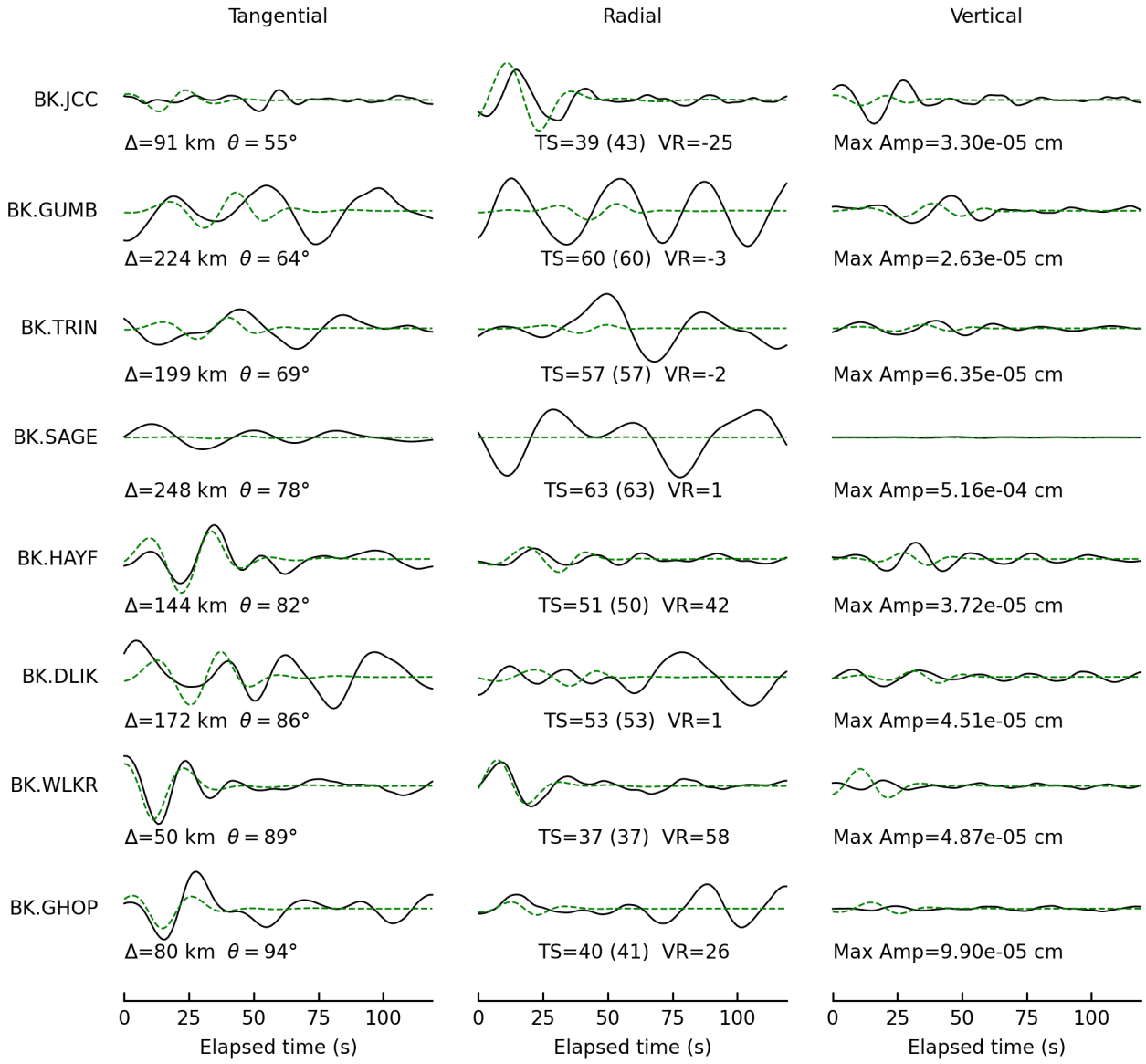

Tangential
Radial
Vertical
BK.JCC
Δ=88 km θ = 52°
TS=39 (42) VR=-19
Max Amp=1.29e-05 cm
BK.TRIN
Δ=195 km θ = 68°
TS=56 (56) VR=-1
Max Amp=3.05e-05 cm
BK.SAGE
Δ=243 km θ = 77°
TS=63 (63) VR=1
Max Amp=3.70e-04 cm
BK.HAYF
Δ=139 km θ = 81°
TS=51 (49) VR=36
Max Amp=2.21e-05 cm
BK.DLIK
Δ=166 km θ = 85°
TS=55 (53) VR=25
Max Amp=1.64e-05 cm
BK.WLKR
Δ=45 km θ = 85°
TS=37 (37) VR=15
Max Amp=4.23e-05 cm
BK.GHOP
Δ=74 km θ = 92°
TS=41 (41) VR=60
Max Amp=2.90e-05 cm
BK.HUNT
Δ=146 km θ = 96°
TS=48 (50) VR=-9
Max Amp=2.68e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

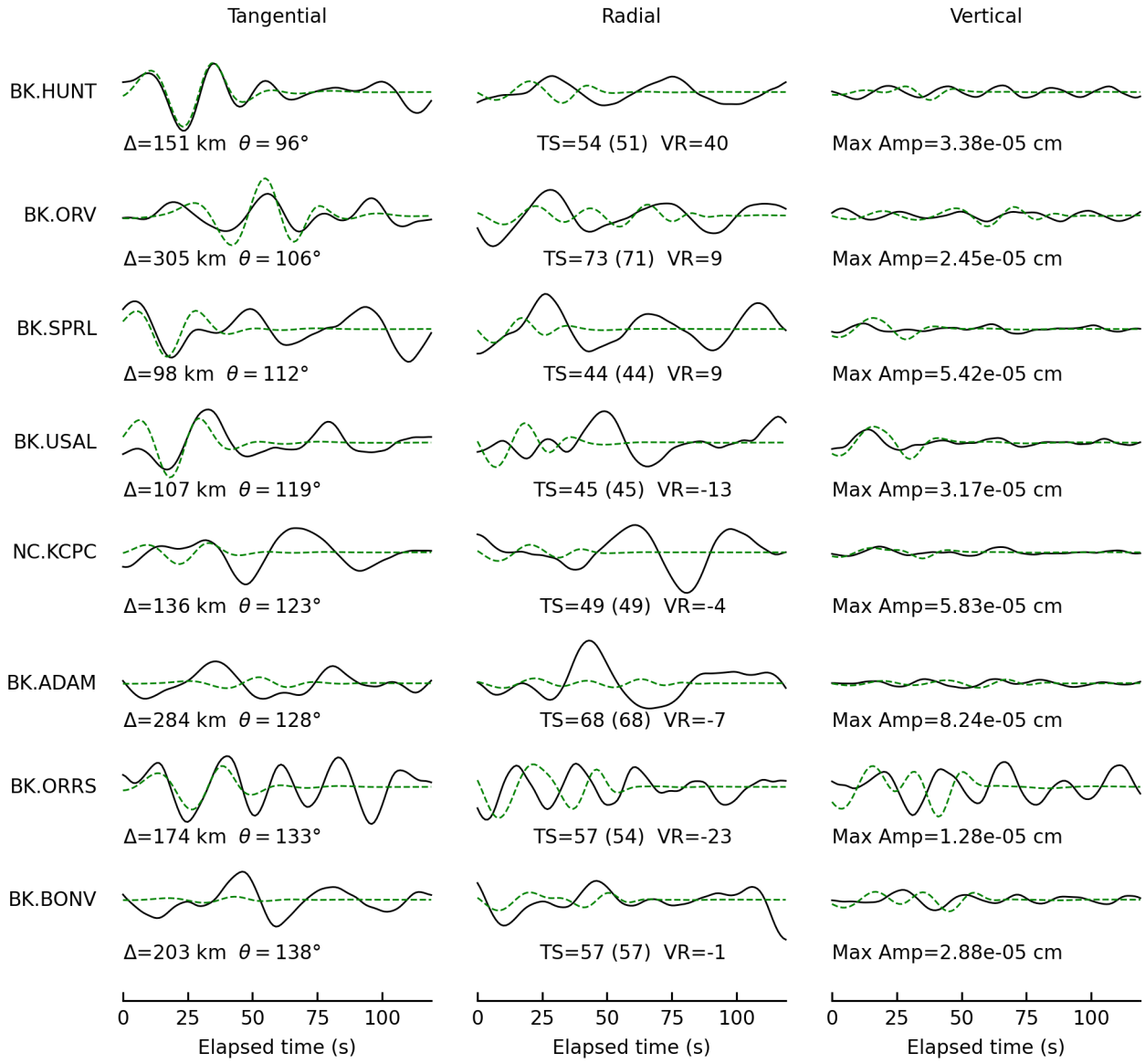

Tangential
Radial
Vertical
BK.ORV
Δ=299 km θ = 106°
TS=70 (70) VR=0
Max Amp=1.81e-05 cm
BK.SPRL
Δ=92 km θ = 112°
TS=43 (43) VR=5
Max Amp=5.84e-05 cm
BK.USAL
Δ=101 km θ = 119°
TS=44 (44) VR=-6
Max Amp=2.12e-05 cm
NC.KCPC
Δ=130 km θ = 123°
TS=48 (48) VR=-5
Max Amp=4.56e-05 cm
BK.ADAM
Δ=278 km θ = 128°
TS=63 (67) VR=-5
Max Amp=3.10e-05 cm
BK.ORRS
Δ=169 km θ = 134°
TS=53 (53) VR=-43
Max Amp=1.24e-05 cm
BK.BONV
Δ=197 km θ = 139°
TS=57 (57) VR=-27
Max Amp=1.02e-05 cm
BK.HRCH
Δ=239 km θ = 144°
TS=62 (62) VR=-8
Max Amp=2.11e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

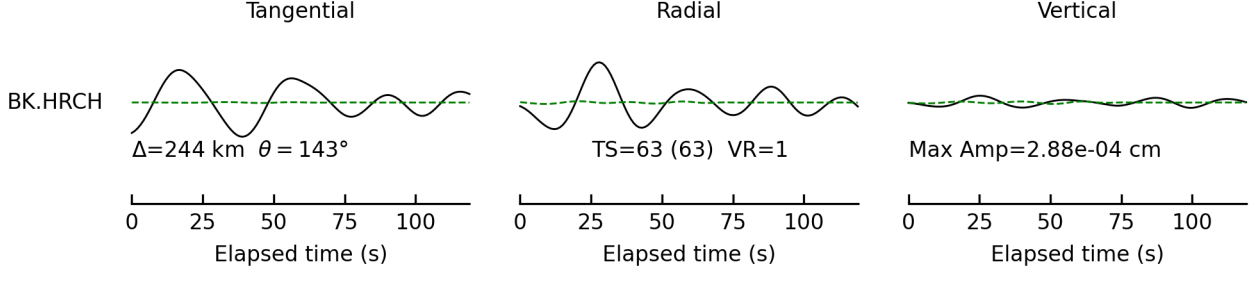
Deviatoric Moment Tensor Inversion
Evid = 75103096
Depth = 25.0 km
Mw = 3.92
M0 = 9.41e+21 dyne-cm
Percent DC/CLVD/ISO = 35/65/0
sdr = (244,35,109) (41,57,77)
npts = 120 vred = 7.692 km/s
VR = 0.92% lune:19,0



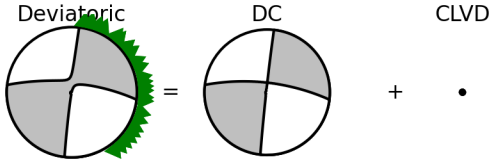


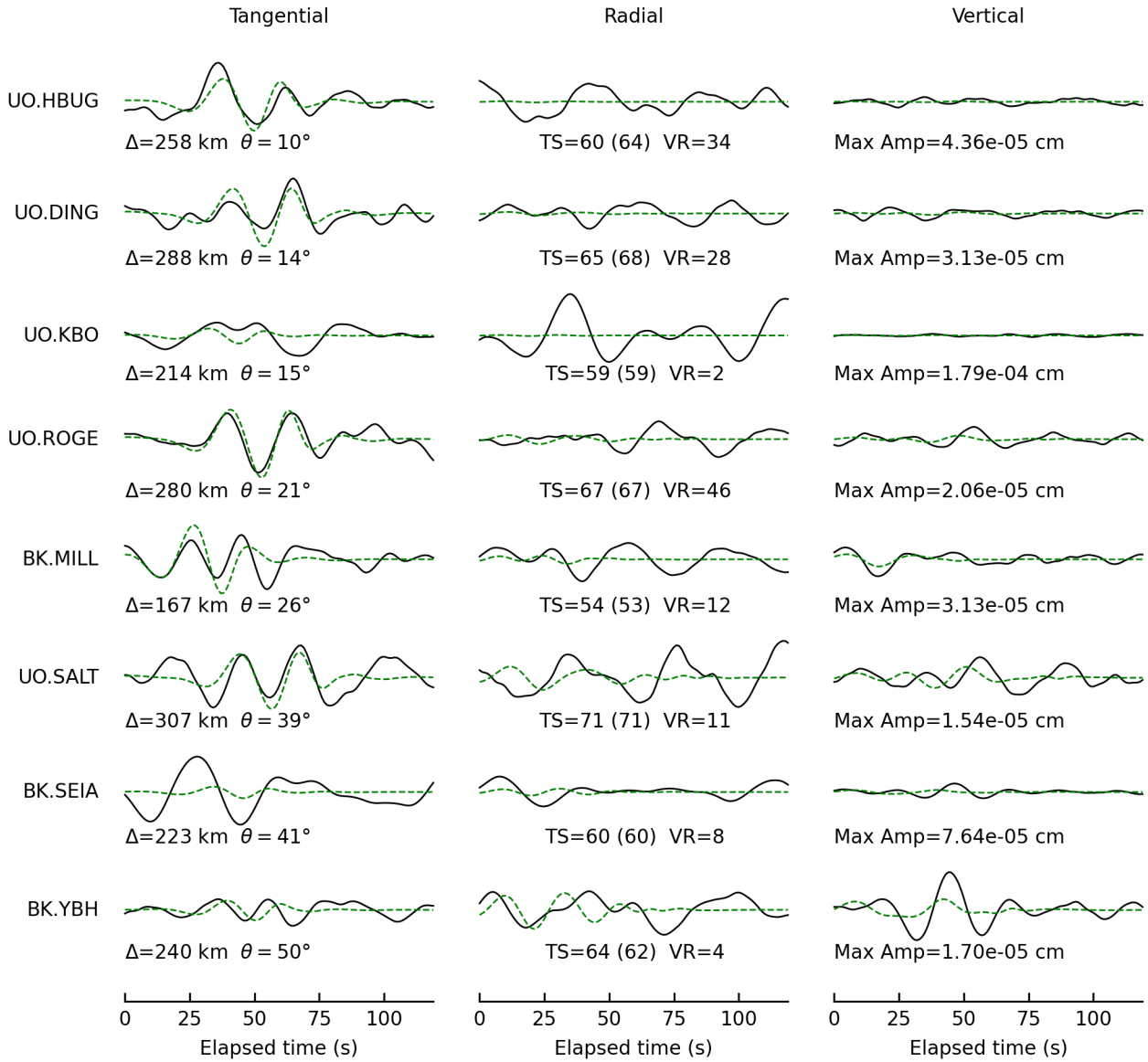

Tangential
Radial
Vertical
BK.JCC
Δ=91 km θ = 55°
TS=39 (43) VR=-25
Max Amp=3.30e-05 cm
BK.GUMB
Δ=224 km θ = 64°
TS=60 (60) VR=-3
Max Amp=2.63e-05 cm
BK.TRIN
Δ=199 km θ = 69°
TS=57 (57) VR=-2
Max Amp=6.35e-05 cm
BK.SAGE
Δ=248 km θ = 78°
TS=63 (63) VR=1
Max Amp=5.16e-04 cm
BK.HAYF
Δ=144 km θ = 82°
TS=51 (50) VR=42
Max Amp=3.72e-05 cm
BK.DLIK
Δ=172 km θ = 86°
TS=53 (53) VR=1
Max Amp=4.51e-05 cm
BK.WLKR
Δ=50 km θ = 89°
TS=37 (37) VR=58
Max Amp=4.87e-05 cm
BK.GHOP
Δ=80 km θ = 94°
TS=40 (41) VR=26
Max Amp=9.90e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

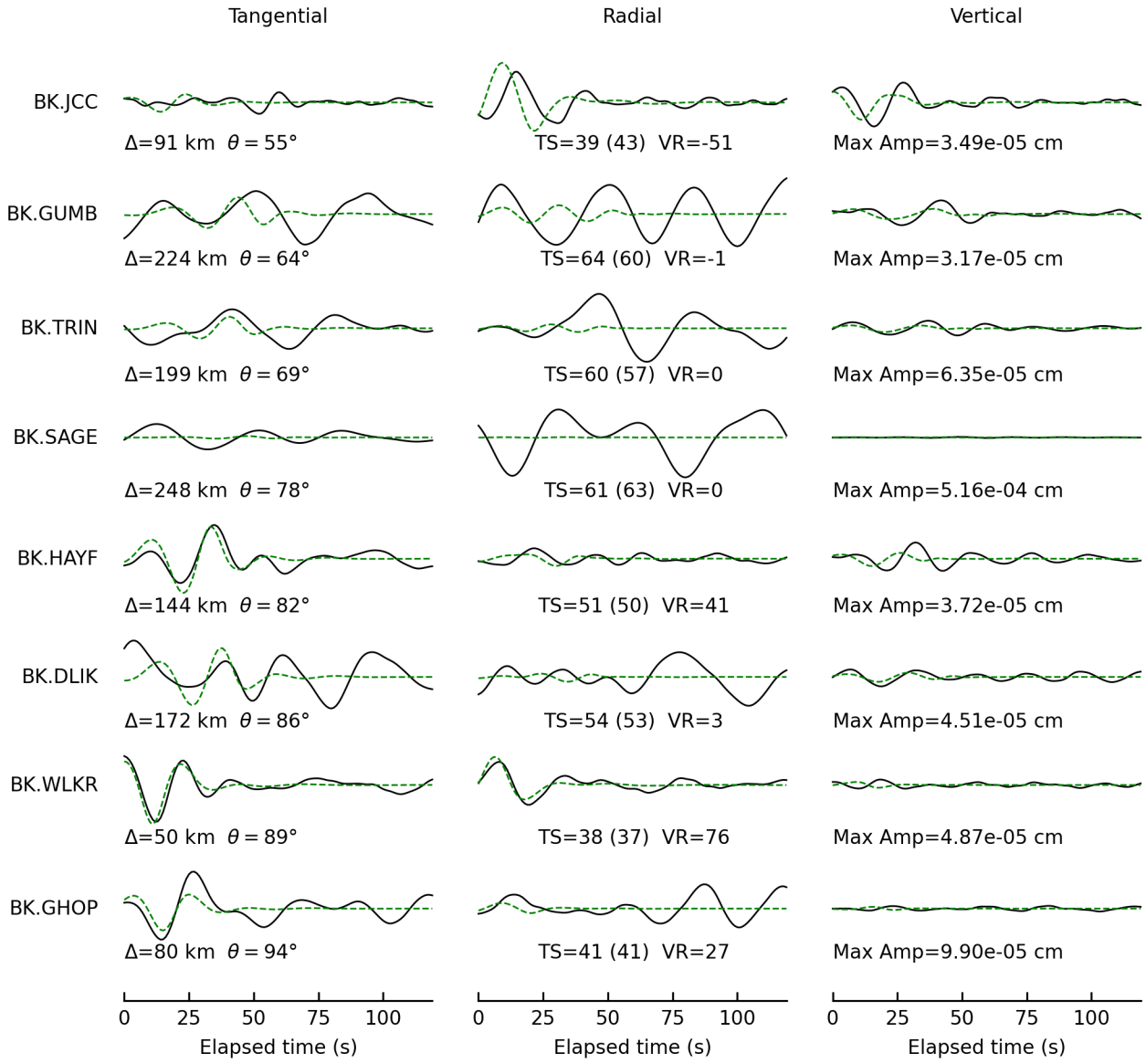

Tangential
Radial
Vertical
BK.HUNT
Δ=151 km θ = 96°
TS=54 (51) VR=40
Max Amp=3.38e-05 cm
BK.ORV
Δ=305 km θ = 106°
TS=73 (71) VR=9
Max Amp=2.45e-05 cm
BK.SPRL
Δ=98 km θ = 112°
TS=44 (44) VR=9
Max Amp=5.42e-05 cm
BK.USAL
Δ=107 km θ = 119°
TS=45 (45) VR=-13
Max Amp=3.17e-05 cm
NC.KCPC
Δ=136 km θ = 123°
TS=49 (49) VR=-4
Max Amp=5.83e-05 cm
BK.ADAM
Δ=284 km θ = 128°
TS=68 (68) VR=-7
Max Amp=8.24e-05 cm
BK.ORRS
Δ=174 km θ = 133°
TS=57 (54) VR=-23
Max Amp=1.28e-05 cm
BK.BONV
Δ=203 km θ = 138°
TS=57 (57) VR=-1
Max Amp=2.88e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

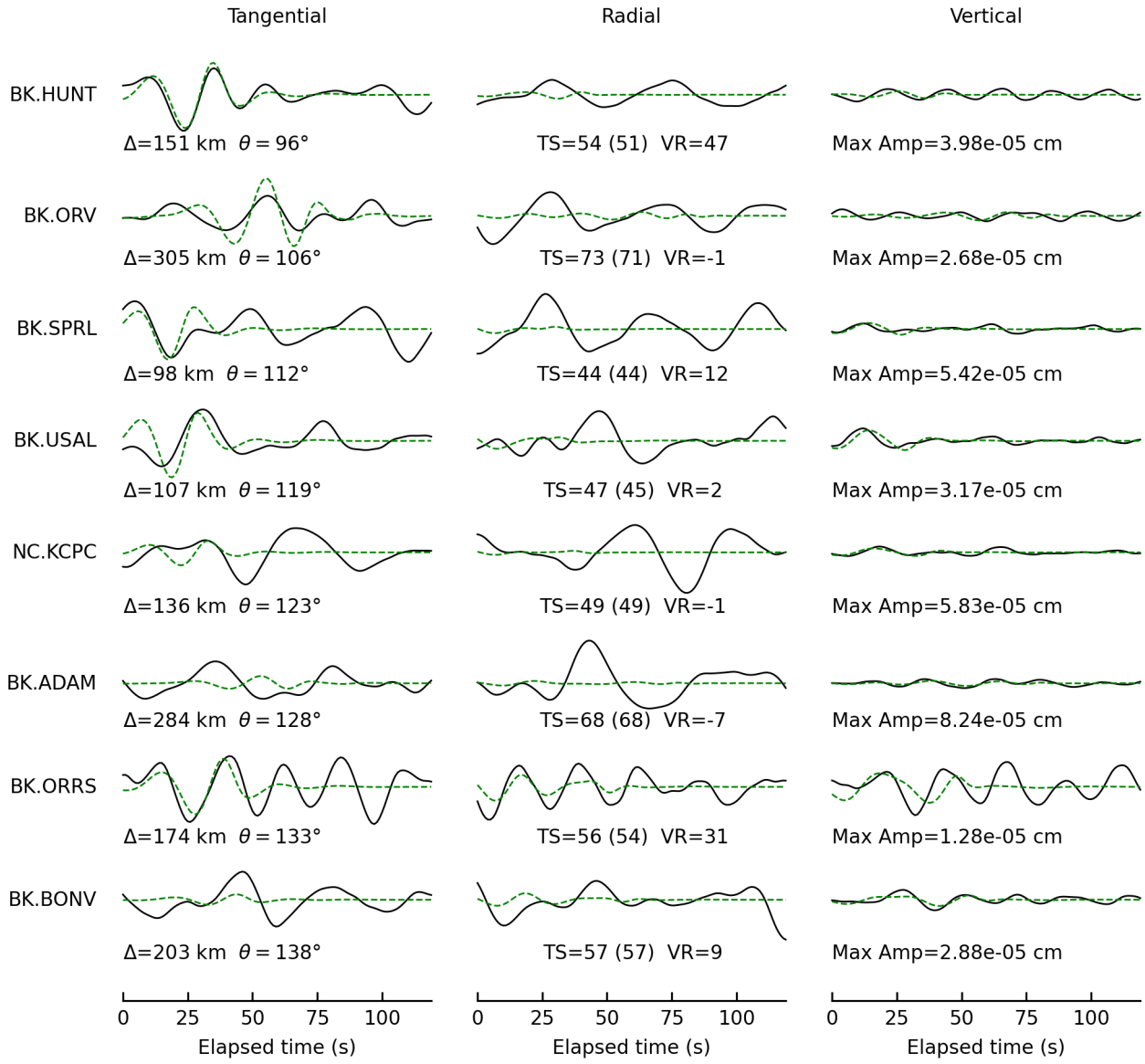

Tangential
Radial
Vertical
BK.HRCH
Δ=244 km θ = 143°
TS=63 (63) VR=1
Max Amp=2.88e-04 cm
0
25
50
75
100
Elapsed time (s)

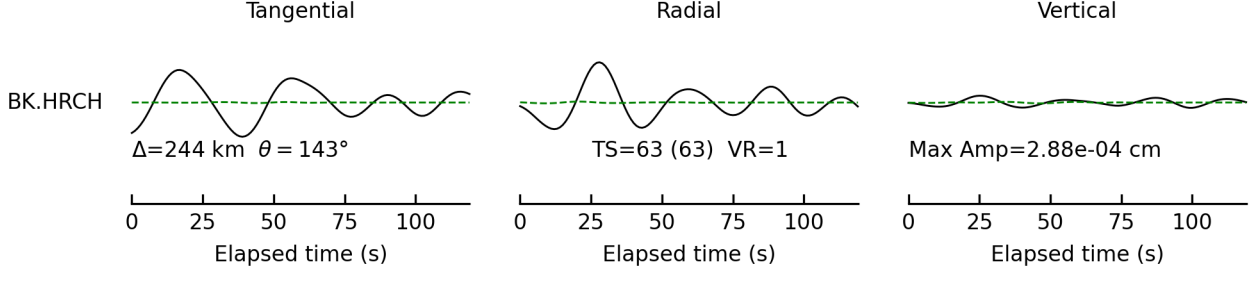
Deviatoric Moment Tensor Inversion
Evid = 75103096
Depth = 13.0 km
Mw = 3.74
M0 = 5.12e+21 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (277,73,-178) (186,88,-17)
npts = 120 vred = 7.692 km/s
VR = 0.87% lune:1,0



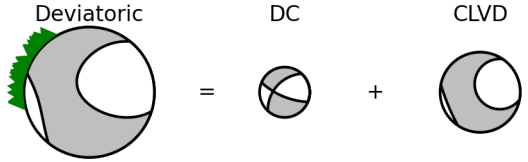


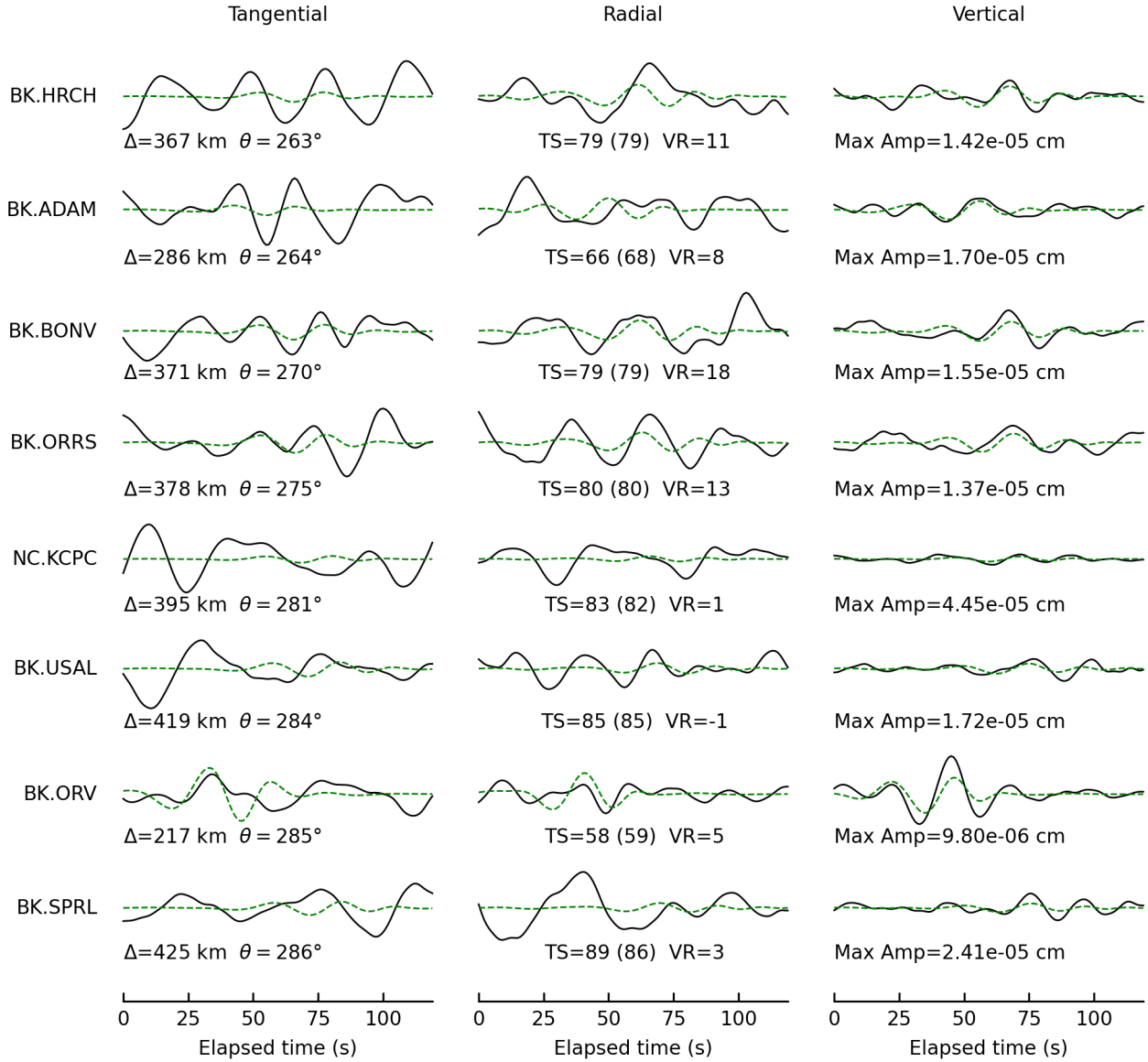

Tangential
Radial
Vertical
BK.JCC
Δ=91 km θ = 55°
TS=39 (43) VR=-51
Max Amp=3.49e-05 cm
BK.GUMB
Δ=224 km θ = 64°
TS=64 (60) VR=-1
Max Amp=3.17e-05 cm
BK.TRIN
Δ=199 km θ = 69°
TS=60 (57) VR=0
Max Amp=6.35e-05 cm
BK.SAGE
Δ=248 km θ = 78°
TS=61 (63) VR=0
Max Amp=5.16e-04 cm
BK.HAYF
Δ=144 km θ = 82°
TS=51 (50) VR=41
Max Amp=3.72e-05 cm
BK.DLIK
Δ=172 km θ = 86°
TS=54 (53) VR=3
Max Amp=4.51e-05 cm
BK.WLKR
Δ=50 km θ = 89°
TS=38 (37) VR=76
Max Amp=4.87e-05 cm
BK.GHOP
Δ=80 km θ = 94°
TS=41 (41) VR=27
Max Amp=9.90e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

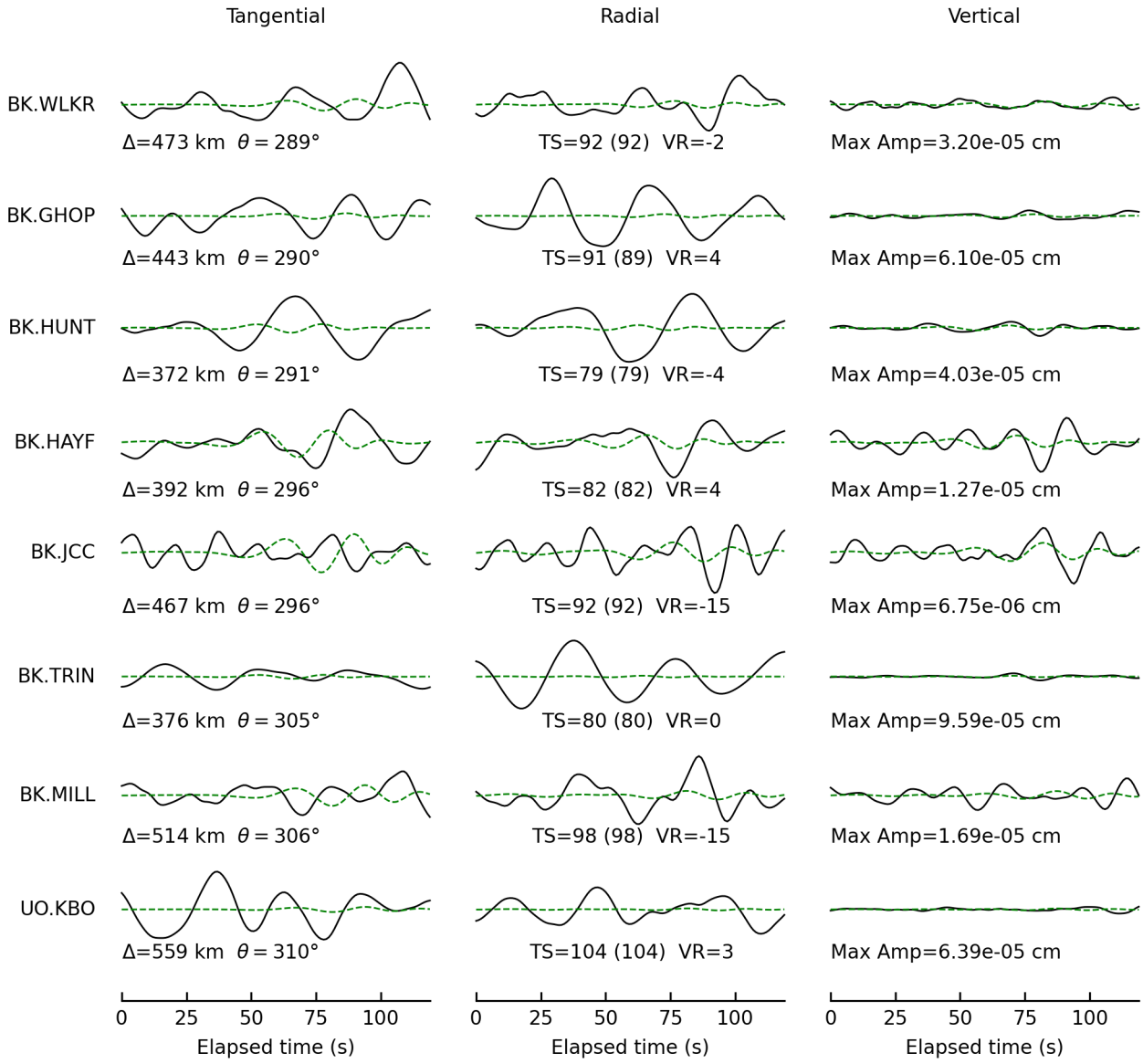

Tangential
Radial
Vertical
BK.HUNT
Δ=151 km θ = 96°
TS=54 (51) VR=47
Max Amp=3.98e-05 cm
BK.ORV
Δ=305 km θ = 106°
TS=73 (71) VR=-1
Max Amp=2.68e-05 cm
BK.SPRL
Δ=98 km θ = 112°
TS=44 (44) VR=12
Max Amp=5.42e-05 cm
BK.USAL
Δ=107 km θ = 119°
TS=47 (45) VR=2
Max Amp=3.17e-05 cm
NC.KCPC
Δ=136 km θ = 123°
TS=49 (49) VR=-1
Max Amp=5.83e-05 cm
BK.ADAM
Δ=284 km θ = 128°
TS=68 (68) VR=-7
Max Amp=8.24e-05 cm
BK.ORRS
Δ=174 km θ = 133°
TS=56 (54) VR=31
Max Amp=1.28e-05 cm
BK.BONV
Δ=203 km θ = 138°
TS=57 (57) VR=9
Max Amp=2.88e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

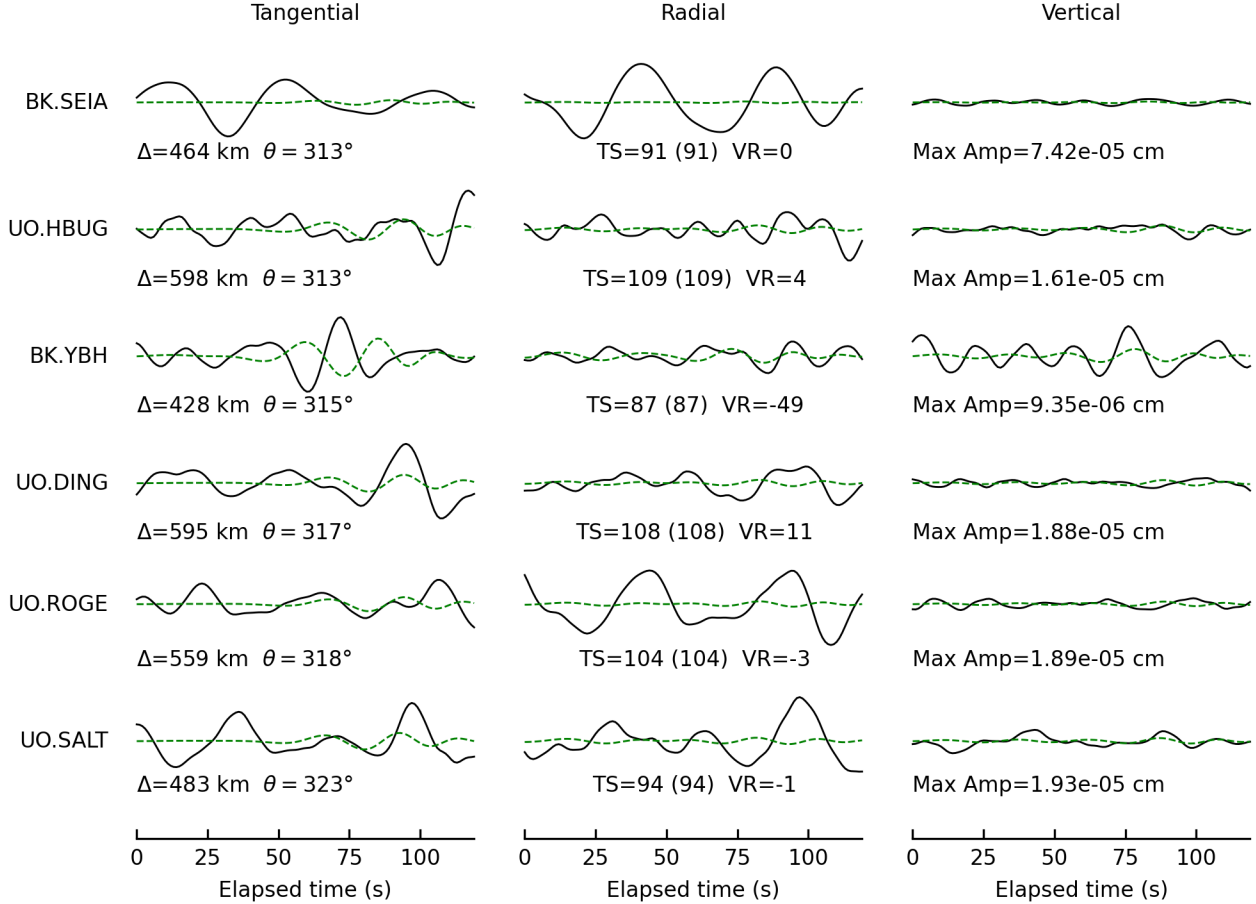

Tangential
Radial
Vertical
BK.HRCH
Δ=244 km θ = 143°
TS=63 (63) VR=1
Max Amp=2.88e-04 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75103256
Depth = 33.0 km
Mw = 3.64
M0 = 3.64e+21 dyne-cm
Percent DC/CLVD/ISO = 39/61/0
sdr = (222,47,-152) (113,70,-47)
npts = 120 vred = 7.692 km/s
VR = 1.04% lune:17,0

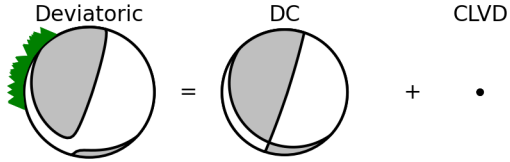


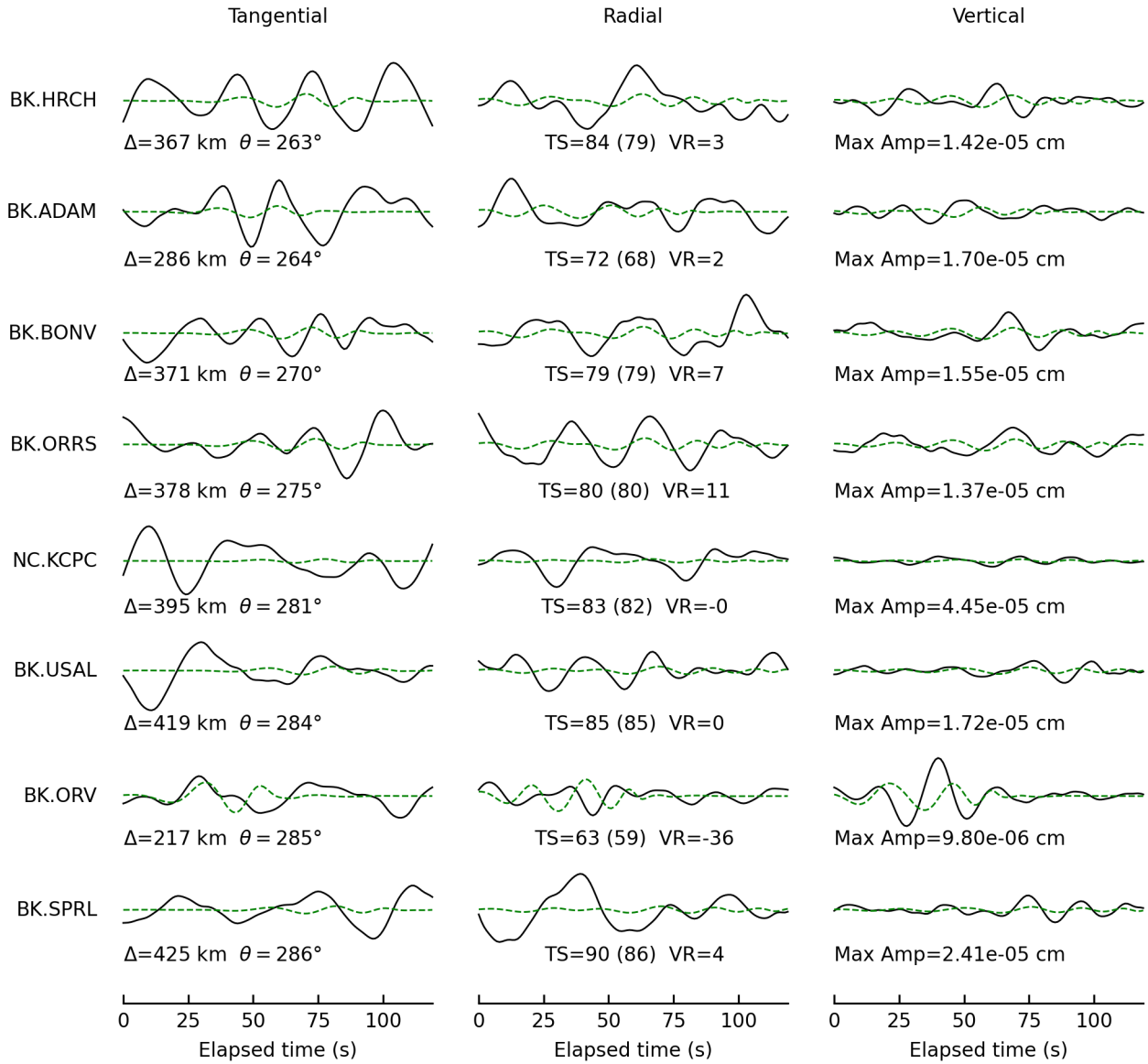


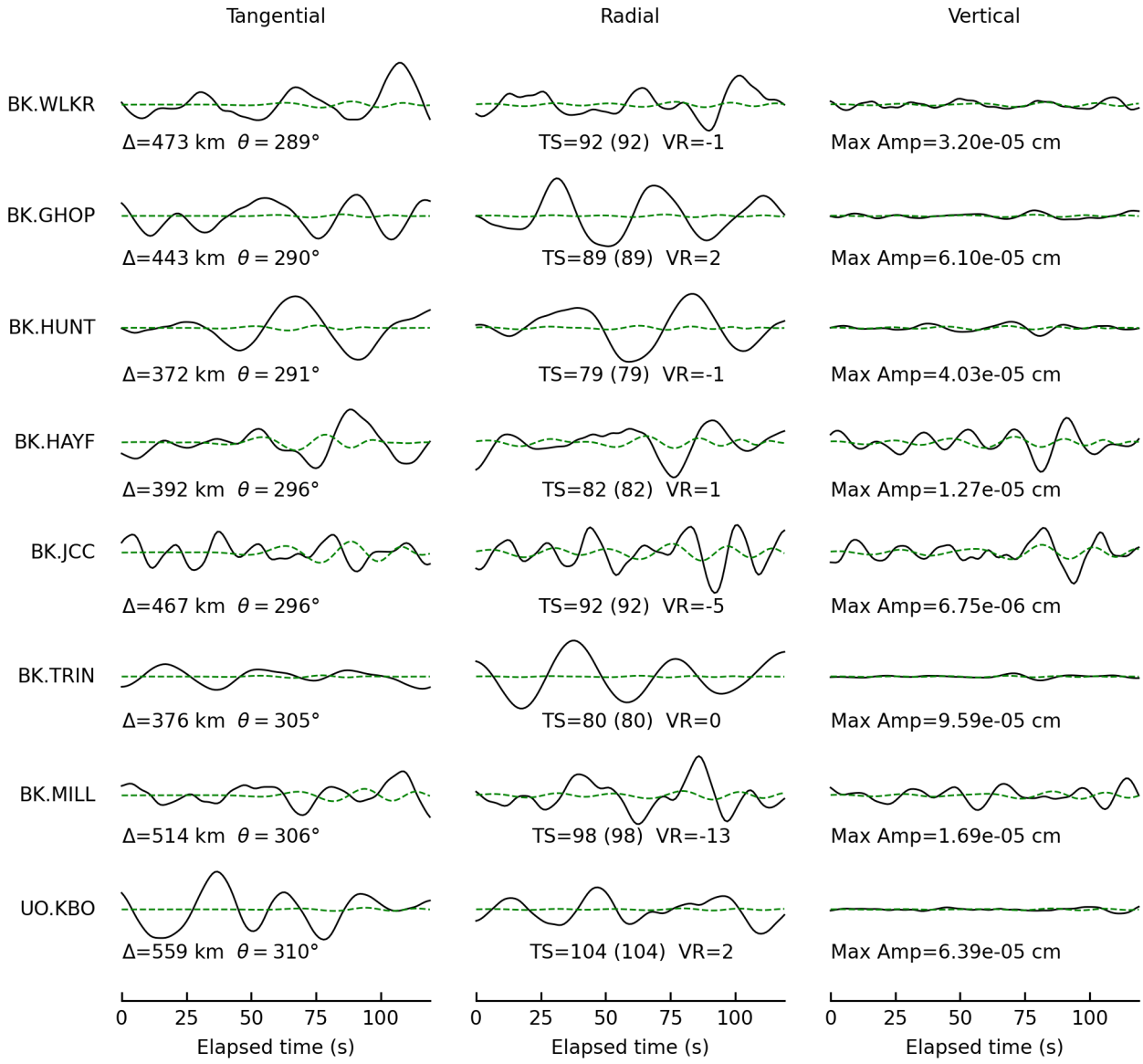

Tangential
Radial
Vertical
BK.WLKR
Δ=473 km θ = 289°
TS=92 (92) VR=-2
Max Amp=3.20e-05 cm
BK.GHOP
Δ=443 km θ = 290°
TS=91 (89) VR=4
Max Amp=6.10e-05 cm
BK.HUNT
Δ=372 km θ = 291°
TS=79 (79) VR=-4
Max Amp=4.03e-05 cm
BK.HAYF
Δ=392 km θ = 296°
TS=82 (82) VR=4
Max Amp=1.27e-05 cm
BK.JCC
Δ=467 km θ = 296°
TS=92 (92) VR=-15
Max Amp=6.75e-06 cm
BK.TRIN
Δ=376 km θ = 305°
TS=80 (80) VR=0
Max Amp=9.59e-05 cm
BK.MILL
Δ=514 km θ = 306°
TS=98 (98) VR=-15
Max Amp=1.69e-05 cm
UO.KBO
Δ=559 km θ = 310°
TS=104 (104) VR=3
Max Amp=6.39e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

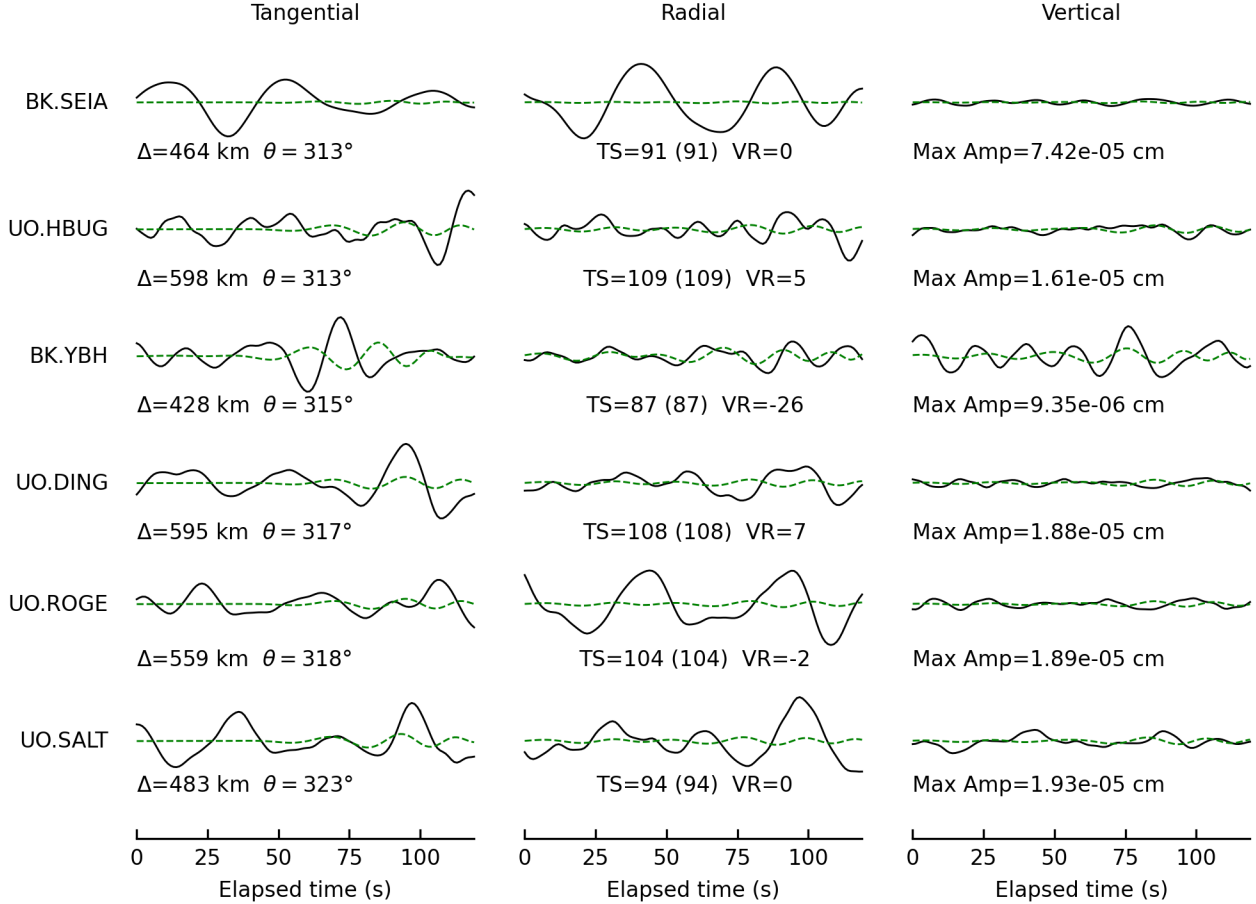

Tangential
Radial
Vertical
BK.SEIA
Δ=464 km θ = 313°
TS=91 (91) VR=0
Max Amp=7.42e-05 cm
UO.HBUG
Δ=598 km θ = 313°
TS=109 (109) VR=4
Max Amp=1.61e-05 cm
BK.YBH
Δ=428 km θ = 315°
TS=87 (87) VR=-49
Max Amp=9.35e-06 cm
UO.DING
Δ=595 km θ = 317°
TS=108 (108) VR=11
Max Amp=1.88e-05 cm
UO.ROGE
Δ=559 km θ = 318°
TS=104 (104) VR=-3
Max Amp=1.89e-05 cm
UO.SALT
Δ=483 km θ = 323°
TS=94 (94) VR=-1
Max Amp=1.93e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75103256
Depth = 8.0 km
Mw = 3.59
M0 = 2.99e+21 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (133,11,26) (18,85,100)
npts = 120 vred = 7.692 km/s
VR = 0.59% lune:-1,0

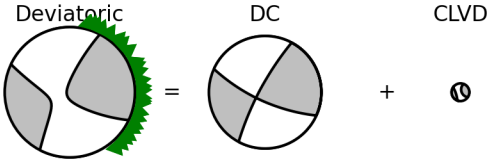


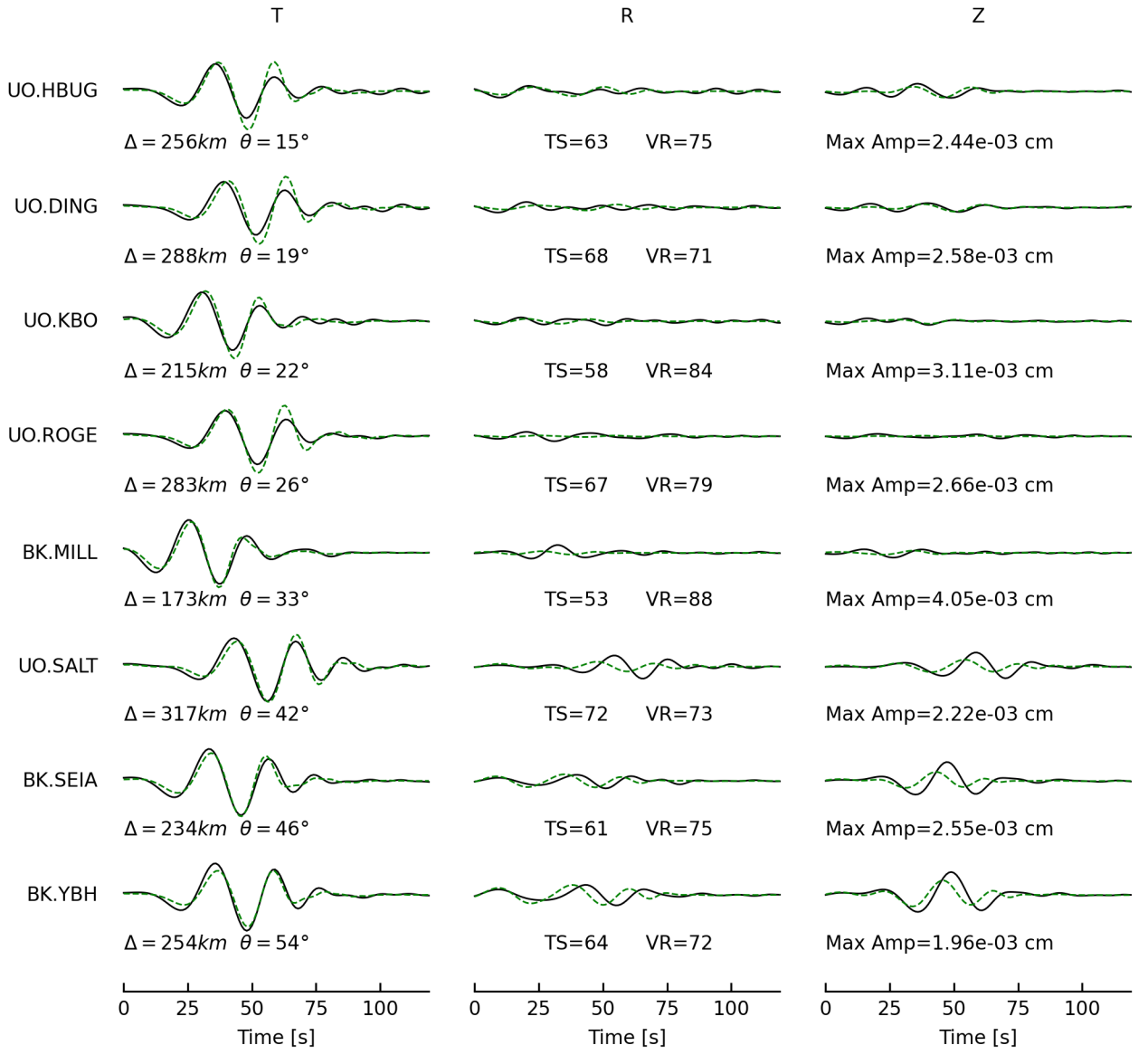


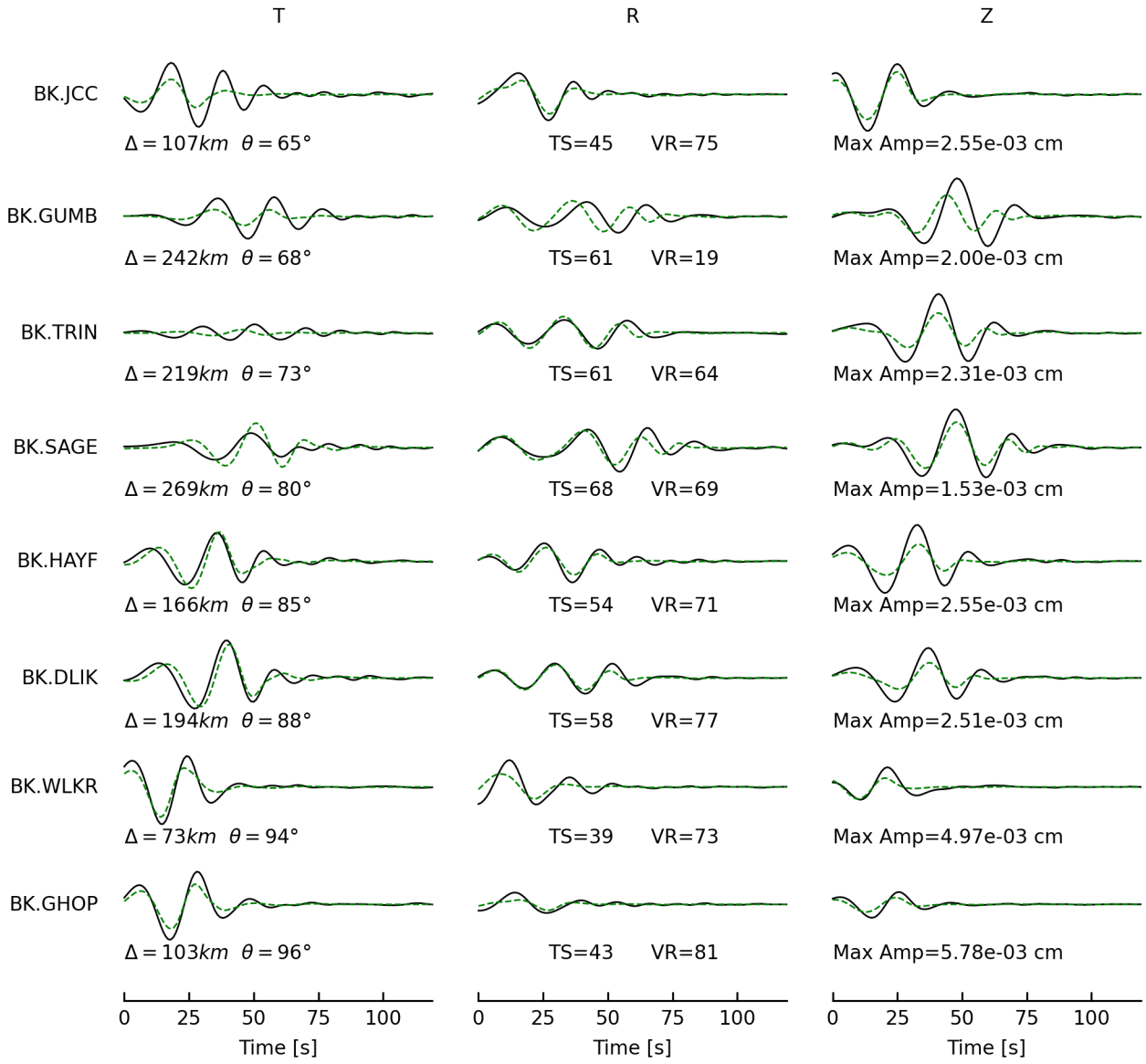

Tangential
Radial
Vertical
BK.WLKR
Δ=473 km θ = 289°
TS=92 (92) VR=-1
Max Amp=3.20e-05 cm
BK.GHOP
Δ=443 km θ = 290°
TS=89 (89) VR=2
Max Amp=6.10e-05 cm
BK.HUNT
Δ=372 km θ = 291°
TS=79 (79) VR=-1
Max Amp=4.03e-05 cm
BK.HAYF
Δ=392 km θ = 296°
TS=82 (82) VR=1
Max Amp=1.27e-05 cm
BK.JCC
Δ=467 km θ = 296°
TS=92 (92) VR=-5
Max Amp=6.75e-06 cm
BK.TRIN
Δ=376 km θ = 305°
TS=80 (80) VR=0
Max Amp=9.59e-05 cm
BK.MILL
Δ=514 km θ = 306°
TS=98 (98) VR=-13
Max Amp=1.69e-05 cm
UO.KBO
Δ=559 km θ = 310°
TS=104 (104) VR=2
Max Amp=6.39e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

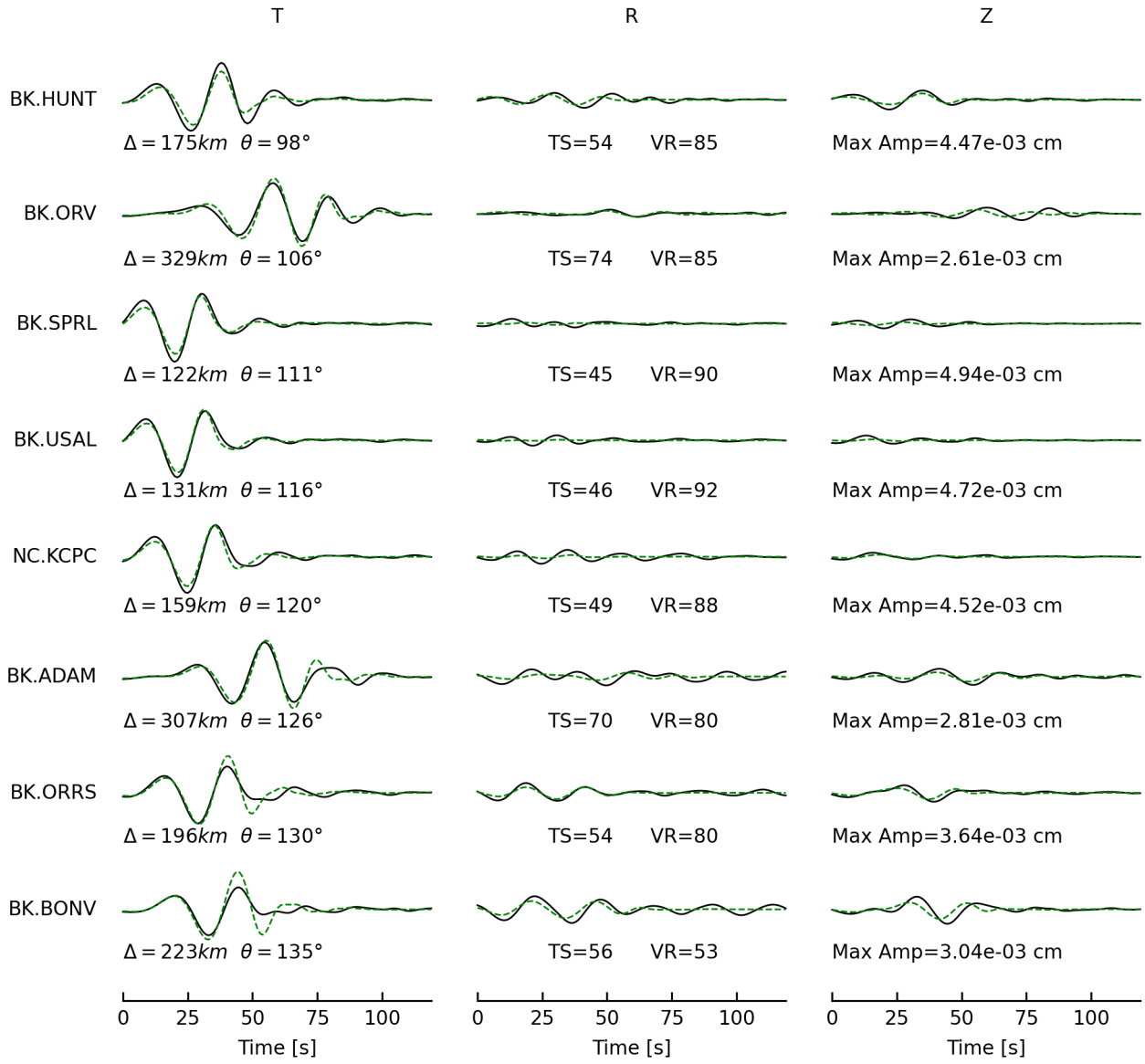

Tangential
Radial
Vertical
BK.SEIA
Δ=464 km θ = 313°
TS=91 (91) VR=0
Max Amp=7.42e-05 cm
UO.HBUG
Δ=598 km θ = 313°
TS=109 (109) VR=5
Max Amp=1.61e-05 cm
BK.YBH
Δ=428 km θ = 315°
TS=87 (87) VR=-26
Max Amp=9.35e-06 cm
UO.DING
Δ=595 km θ = 317°
TS=108 (108) VR=7
Max Amp=1.88e-05 cm
UO.ROGE
Δ=559 km θ = 318°
TS=104 (104) VR=-2
Max Amp=1.89e-05 cm
UO.SALT
Δ=483 km θ = 323°
TS=94 (94) VR=0
Max Amp=1.93e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

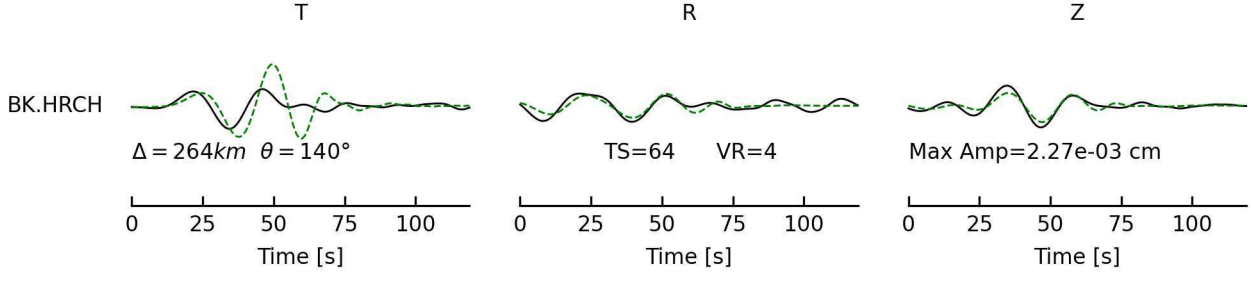
Deviatoric Moment Tensor Inversion
Evid = 75103356
Depth = 3.0 km
Mw = 5.03
M0 = 4.34e+23 dyne-cm
Percent DC/CLVD/ISO = 86/14/0
sdr = (208,79,18) (114,72,168)
npts = 120 vred = 7.692 km/s
VR = 76.76% lune:-3,0



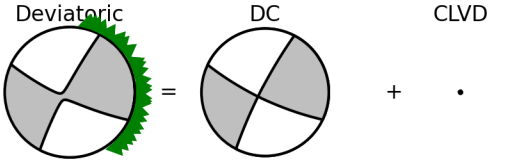


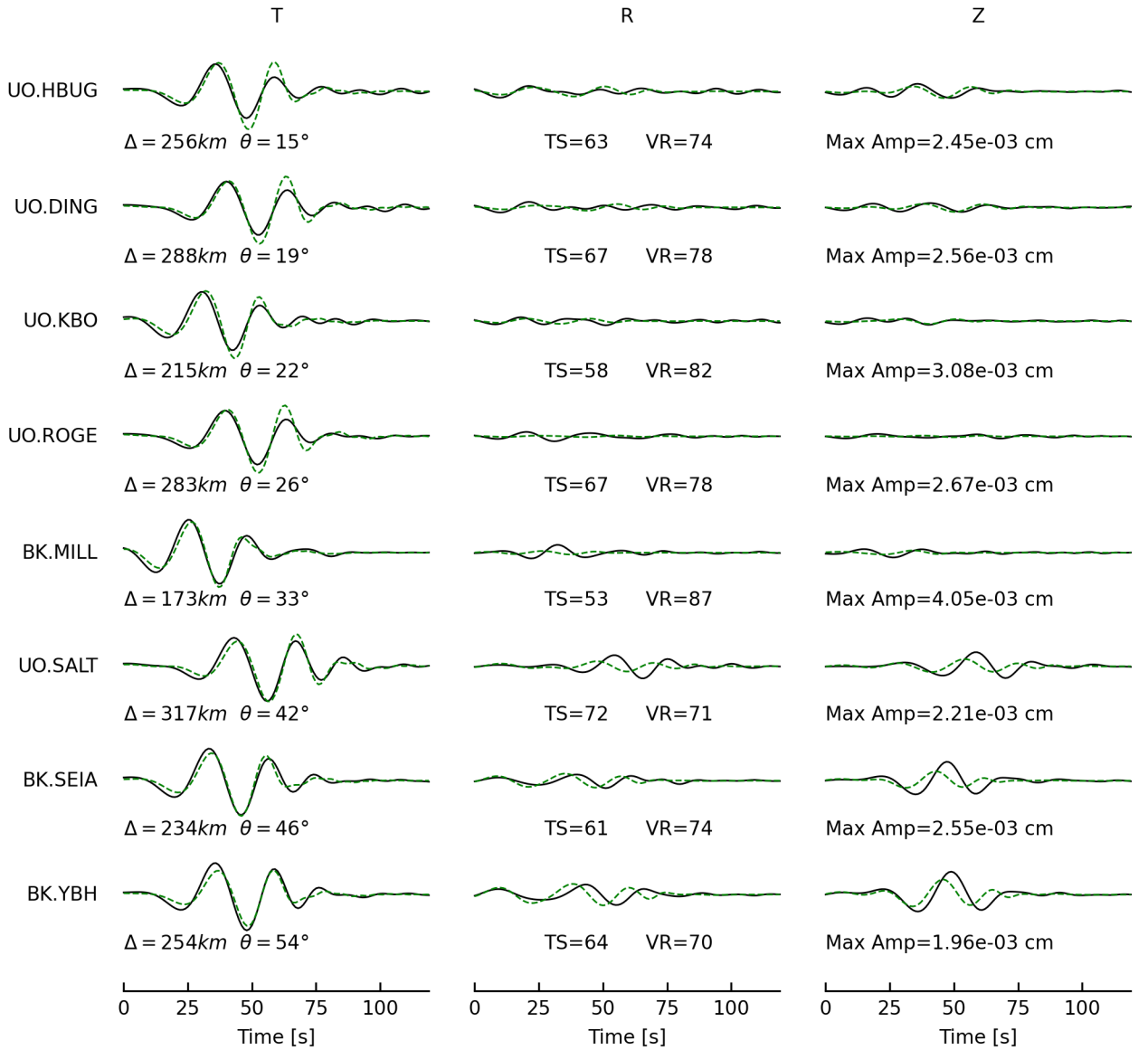

T
R
Z
BK.JCC
Δ = 107km θ = 65°
TS=45 VR=75
Max Amp=2.55e-03 cm
BK.GUMB
Δ = 242km θ = 68°
TS=61 VR=19
Max Amp=2.00e-03 cm
BK.TRIN
Δ = 219km θ = 73°
TS=61 VR=64
Max Amp=2.31e-03 cm
BK.SAGE
Δ = 269km θ = 80°
TS=68 VR=69
Max Amp=1.53e-03 cm
BK.HAYF
Δ = 166km θ = 85°
TS=54 VR=71
Max Amp=2.55e-03 cm
BK.DLIK
Δ = 194km θ = 88°
TS=58 VR=77
Max Amp=2.51e-03 cm
BK.WLKR
Δ = 73km θ = 94°
TS=39 VR=73
Max Amp=4.97e-03 cm
BK.GHOP
Δ = 103km θ = 96°
TS=43 VR=81
Max Amp=5.78e-03 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

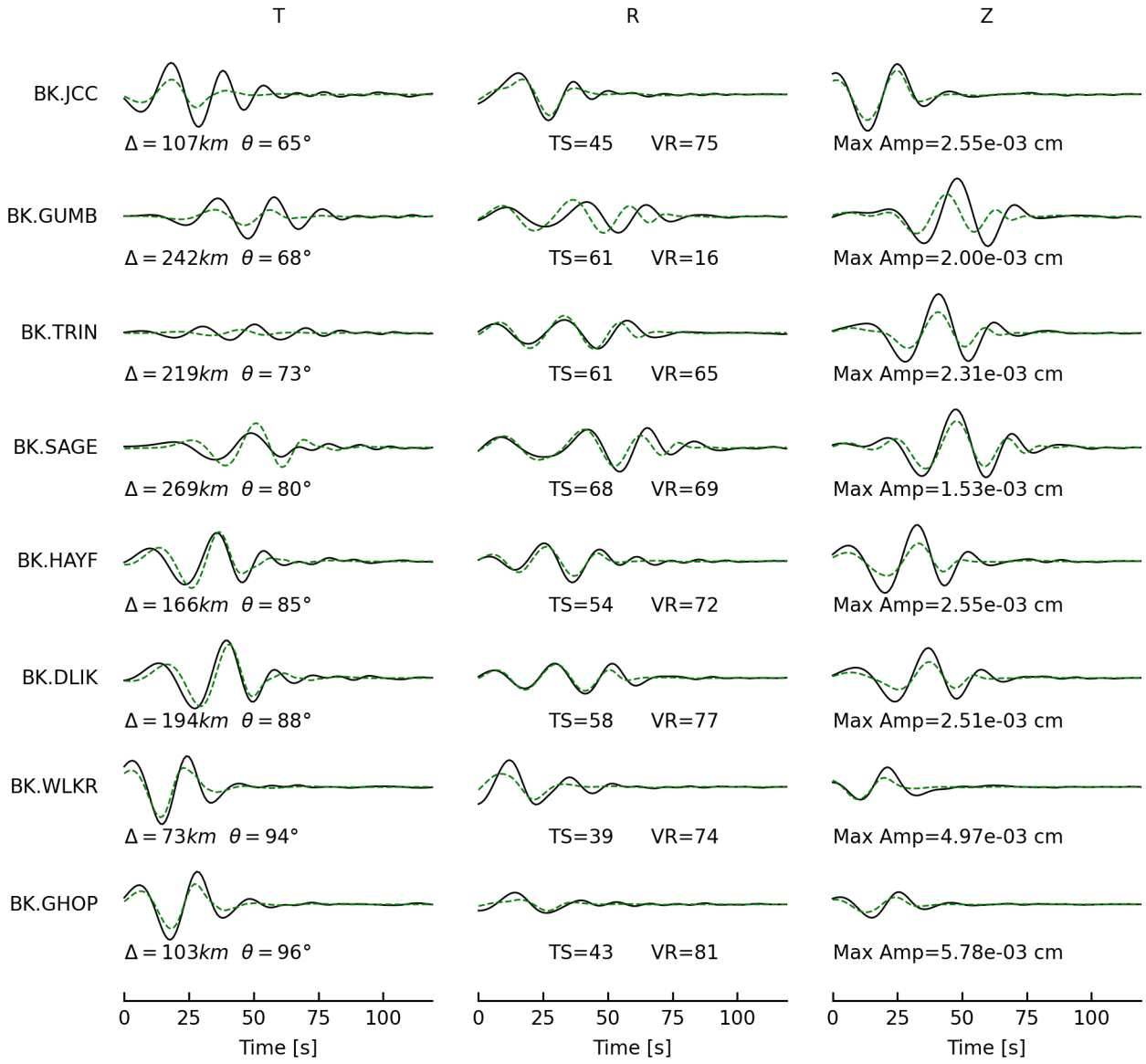

T
R
Z
BK.HUNT
Δ = 175km θ = 98°
TS=54 VR=85
Max Amp=4.47e-03 cm
BK.ORV
Δ = 329km θ = 106°
TS=74 VR=85
Max Amp=2.61e-03 cm
BK.SPRL
Δ = 122km θ = 111°
TS=45 VR=90
Max Amp=4.94e-03 cm
BK.USAL
Δ = 131km θ = 116°
TS=46 VR=92
Max Amp=4.72e-03 cm
NC.KCPC
Δ = 159km θ = 120°
TS=49 VR=88
Max Amp=4.52e-03 cm
BK.ADAM
Δ = 307km θ = 126°
TS=70 VR=80
Max Amp=2.81e-03 cm
BK.ORRS
Δ = 196km θ = 130°
TS=54 VR=80
Max Amp=3.64e-03 cm
BK.BONV
Δ = 223km θ = 135°
TS=56 VR=53
Max Amp=3.04e-03 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

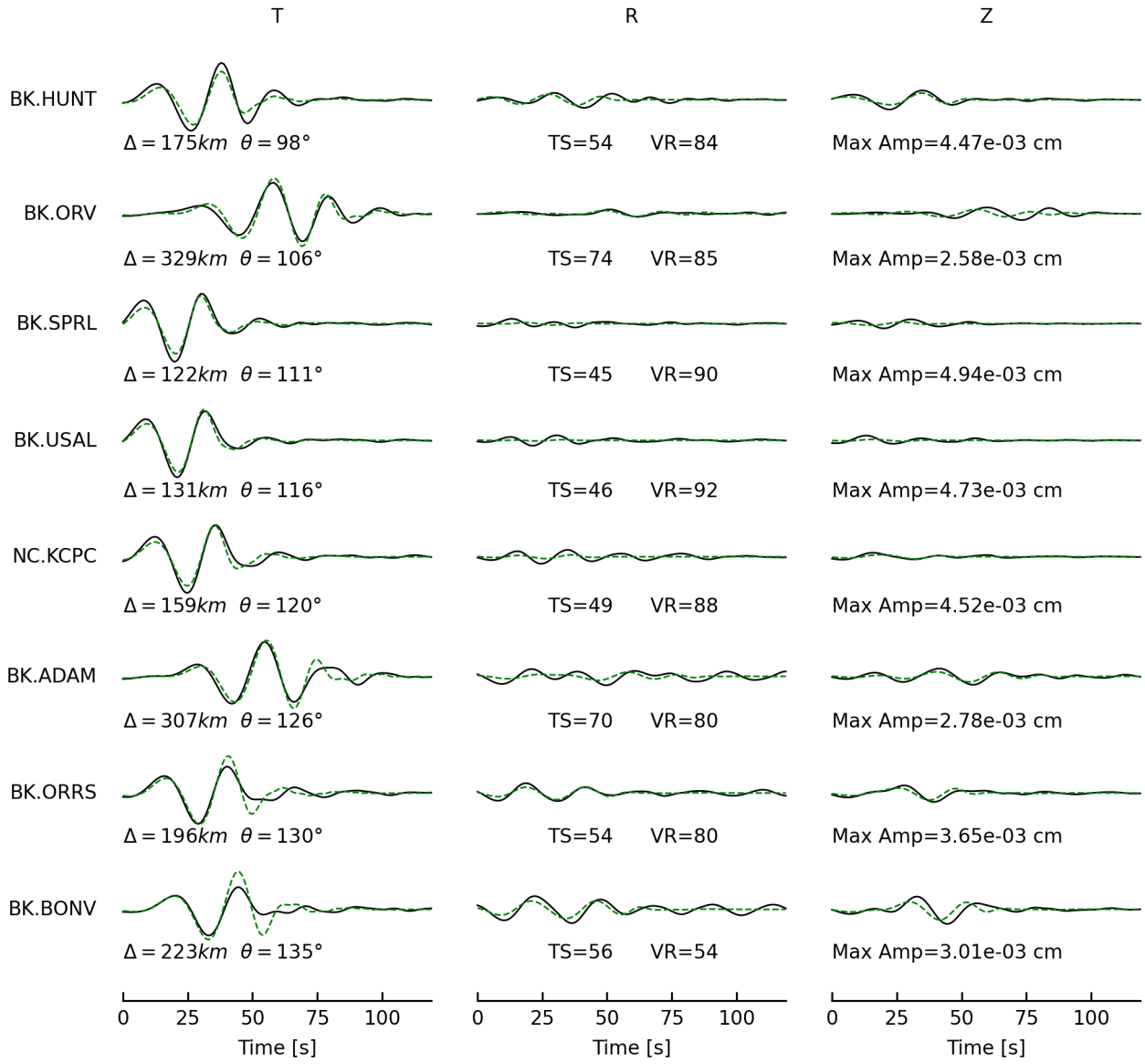

T
R
Z
BK.HRCH
Δ = 264km θ = 140°
TS=64 VR=4
Max Amp=2.27e-03 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

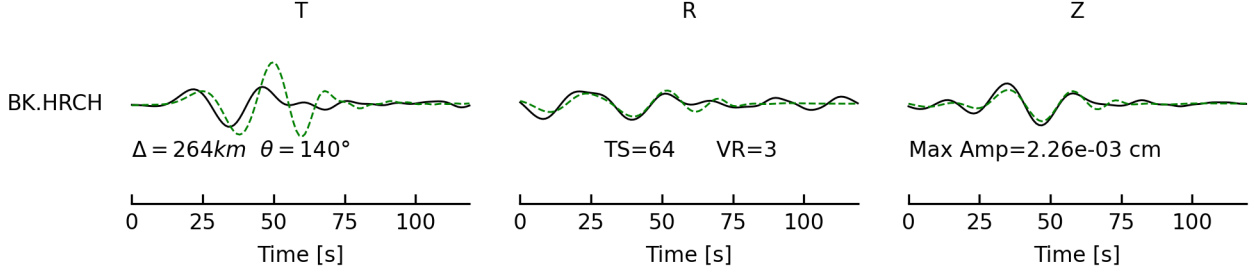
Deviatoric Moment Tensor Inversion
Evid = 75103356
Depth = 2.0 km
Mw = 5.01
M0 = 4.02e+23 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (207,82,13) (115,78,172)
npts = 120 vred = 7.692 km/s
VR = 76.69% lune:1,0



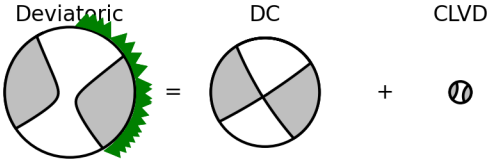


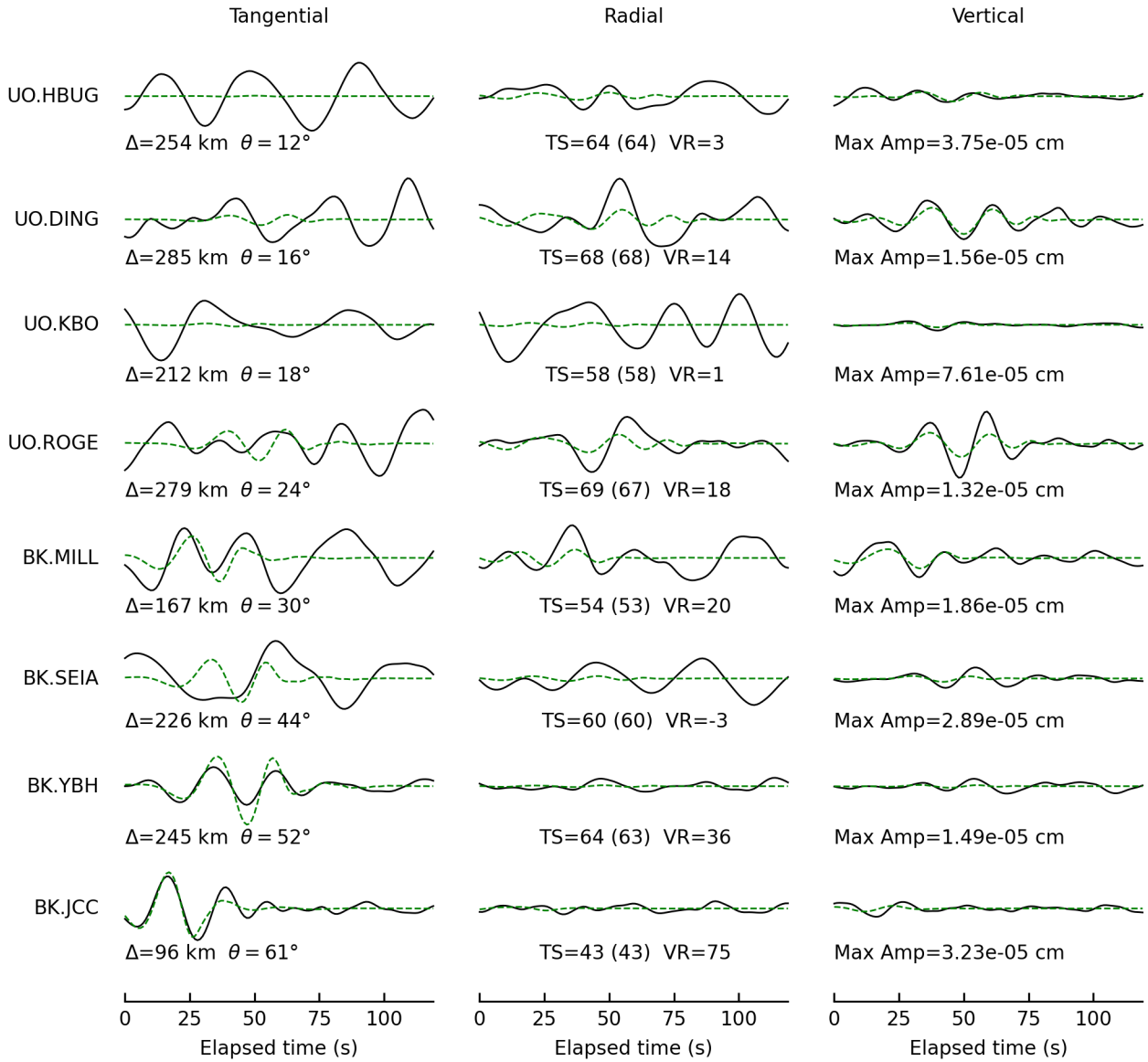

T
R
Z
BK.JCC
Δ = 107km θ = 65°
TS=45 VR=75
Max Amp=2.55e-03 cm
BK.GUMB
Δ = 242km θ = 68°
TS=61 VR=16
Max Amp=2.00e-03 cm
BK.TRIN
Δ = 219km θ = 73°
TS=61 VR=65
Max Amp=2.31e-03 cm
BK.SAGE
Δ = 269km θ = 80°
TS=68 VR=69
Max Amp=1.53e-03 cm
BK.HAYF
Δ = 166km θ = 85°
TS=54 VR=72
Max Amp=2.55e-03 cm
BK.DLIK
Δ = 194km θ = 88°
TS=58 VR=77
Max Amp=2.51e-03 cm
BK.WLKR
Δ = 73km θ = 94°
TS=39 VR=74
Max Amp=4.97e-03 cm
BK.GHOP
Δ = 103km θ = 96°
TS=43 VR=81
Max Amp=5.78e-03 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

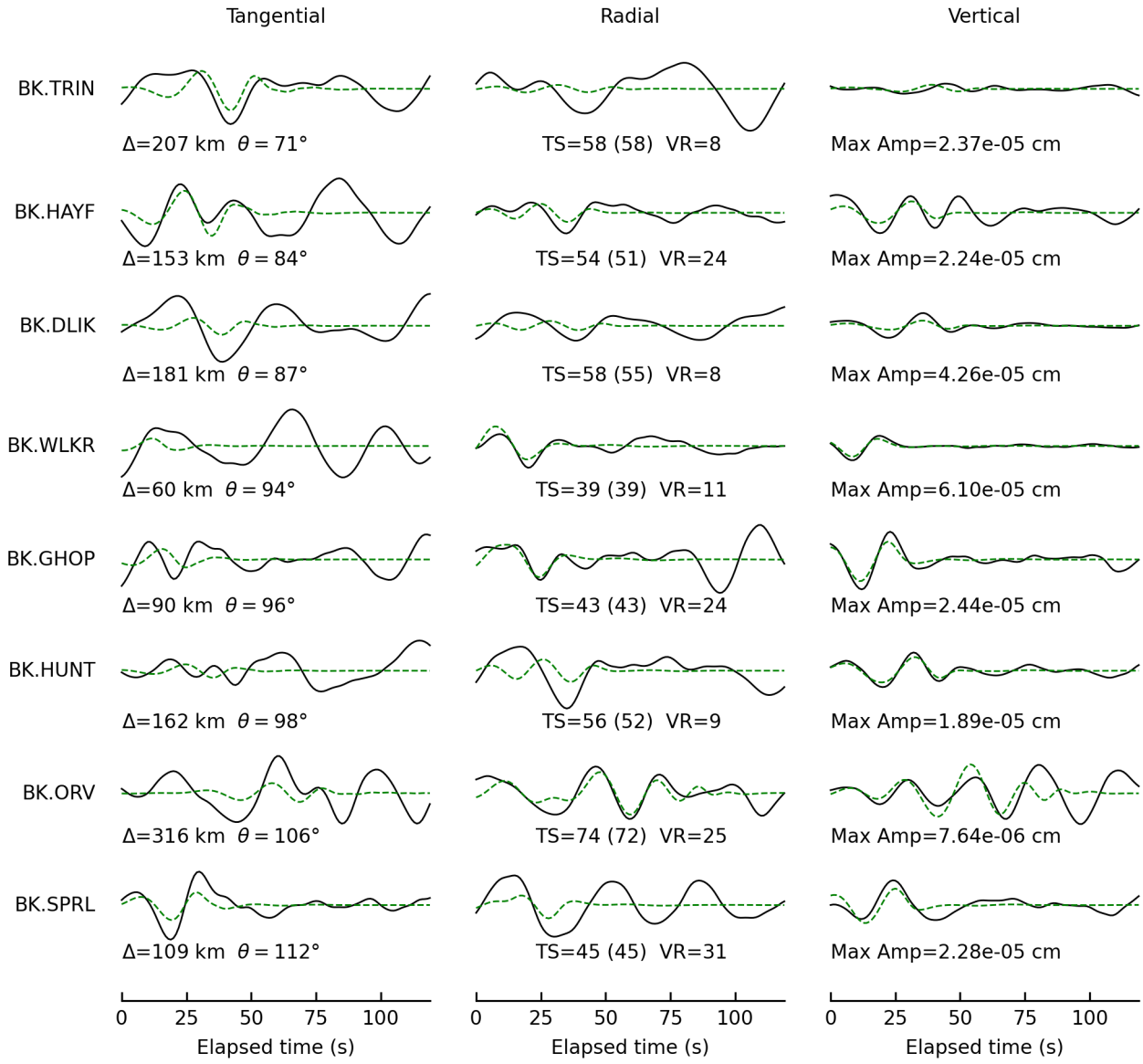

T
R
Z
BK.HUNT
Δ = 175km θ = 98°
TS=54 VR=84
Max Amp=4.47e-03 cm
BK.ORV
Δ = 329km θ = 106°
TS=74 VR=85
Max Amp=2.58e-03 cm
BK.SPRL
Δ = 122km θ = 111°
TS=45 VR=90
Max Amp=4.94e-03 cm
BK.USAL
Δ = 131km θ = 116°
TS=46 VR=92
Max Amp=4.73e-03 cm
NC.KCPC
Δ = 159km θ = 120°
TS=49 VR=88
Max Amp=4.52e-03 cm
BK.ADAM
Δ = 307km θ = 126°
TS=70 VR=80
Max Amp=2.78e-03 cm
BK.ORRS
Δ = 196km θ = 130°
TS=54 VR=80
Max Amp=3.65e-03 cm
BK.BONV
Δ = 223km θ = 135°
TS=56 VR=54
Max Amp=3.01e-03 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

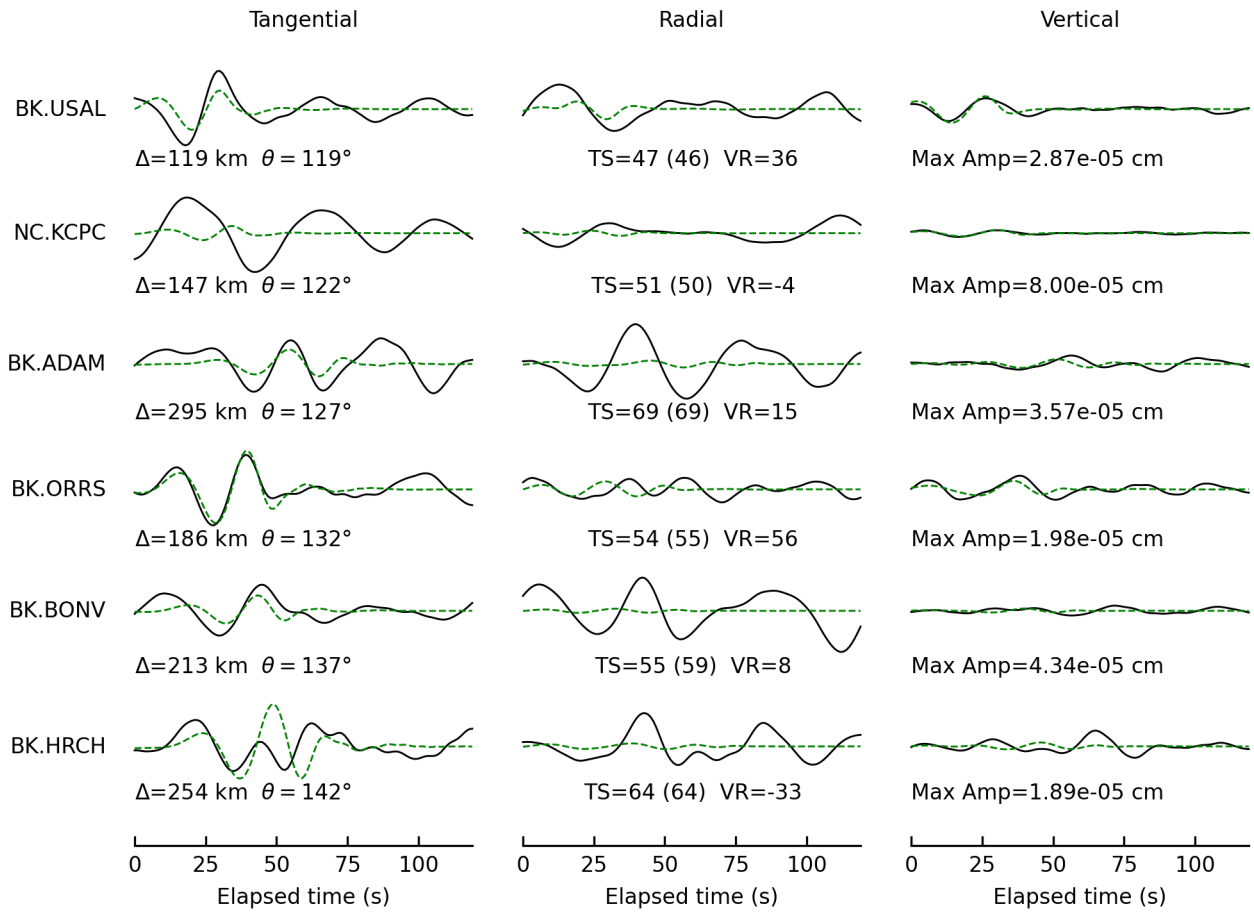

T
R
Z
BK.HRCH
Δ = 264km θ = 140°
TS=64 VR=3
Max Amp=2.26e-03 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75103591
Depth = 3.0 km
Mw = 3.51
M0 = 2.25e+21 dyne-cm
Percent DC/CLVD/ISO = 83/17/0
sdr = (57,84,-9) (148,81,-174)
npts = 120 vred = 7.692 km/s
VR = 5.66% lune:-4,0

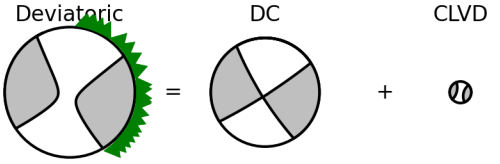


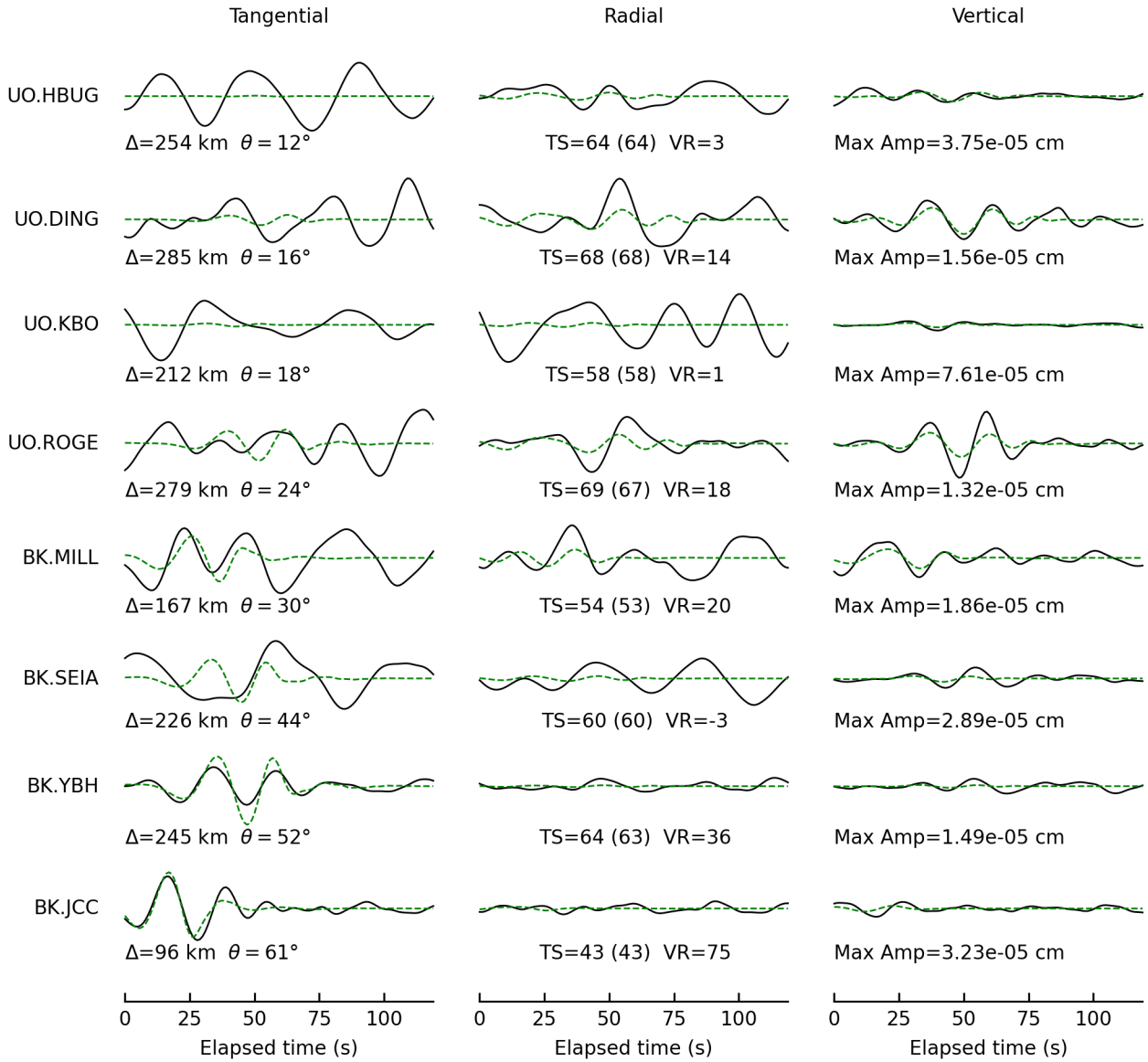


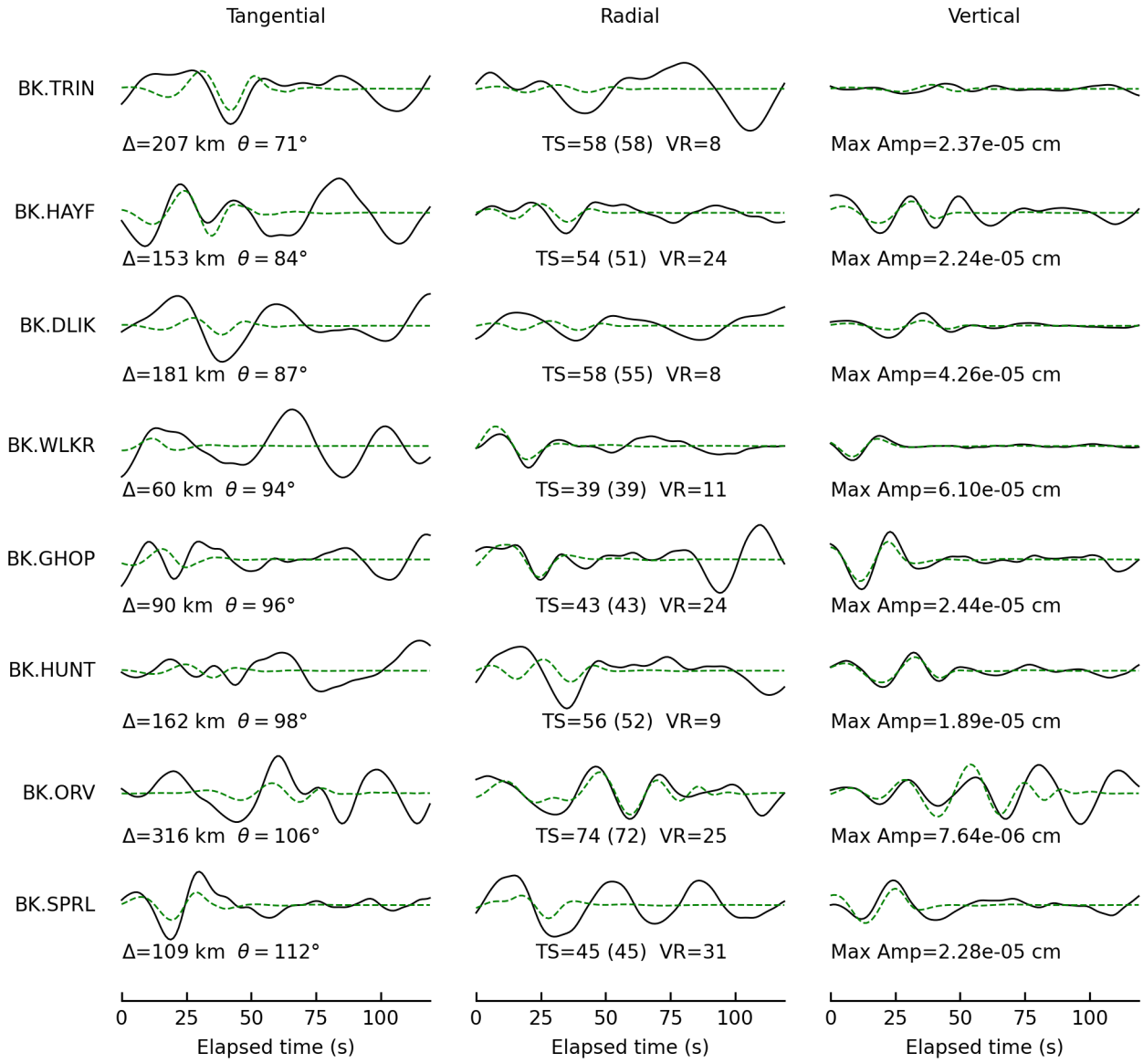

Tangential
Radial
Vertical
BK.TRIN
Δ=207 km θ = 71°
TS=58 (58) VR=8
Max Amp=2.37e-05 cm
BK.HAYF
Δ=153 km θ = 84°
TS=54 (51) VR=24
Max Amp=2.24e-05 cm
BK.DLIK
Δ=181 km θ = 87°
TS=58 (55) VR=8
Max Amp=4.26e-05 cm
BK.WLKR
Δ=60 km θ = 94°
TS=39 (39) VR=11
Max Amp=6.10e-05 cm
BK.GHOP
Δ=90 km θ = 96°
TS=43 (43) VR=24
Max Amp=2.44e-05 cm
BK.HUNT
Δ=162 km θ = 98°
TS=56 (52) VR=9
Max Amp=1.89e-05 cm
BK.ORV
Δ=316 km θ = 106°
TS=74 (72) VR=25
Max Amp=7.64e-06 cm
BK.SPRL
Δ=109 km θ = 112°
TS=45 (45) VR=31
Max Amp=2.28e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

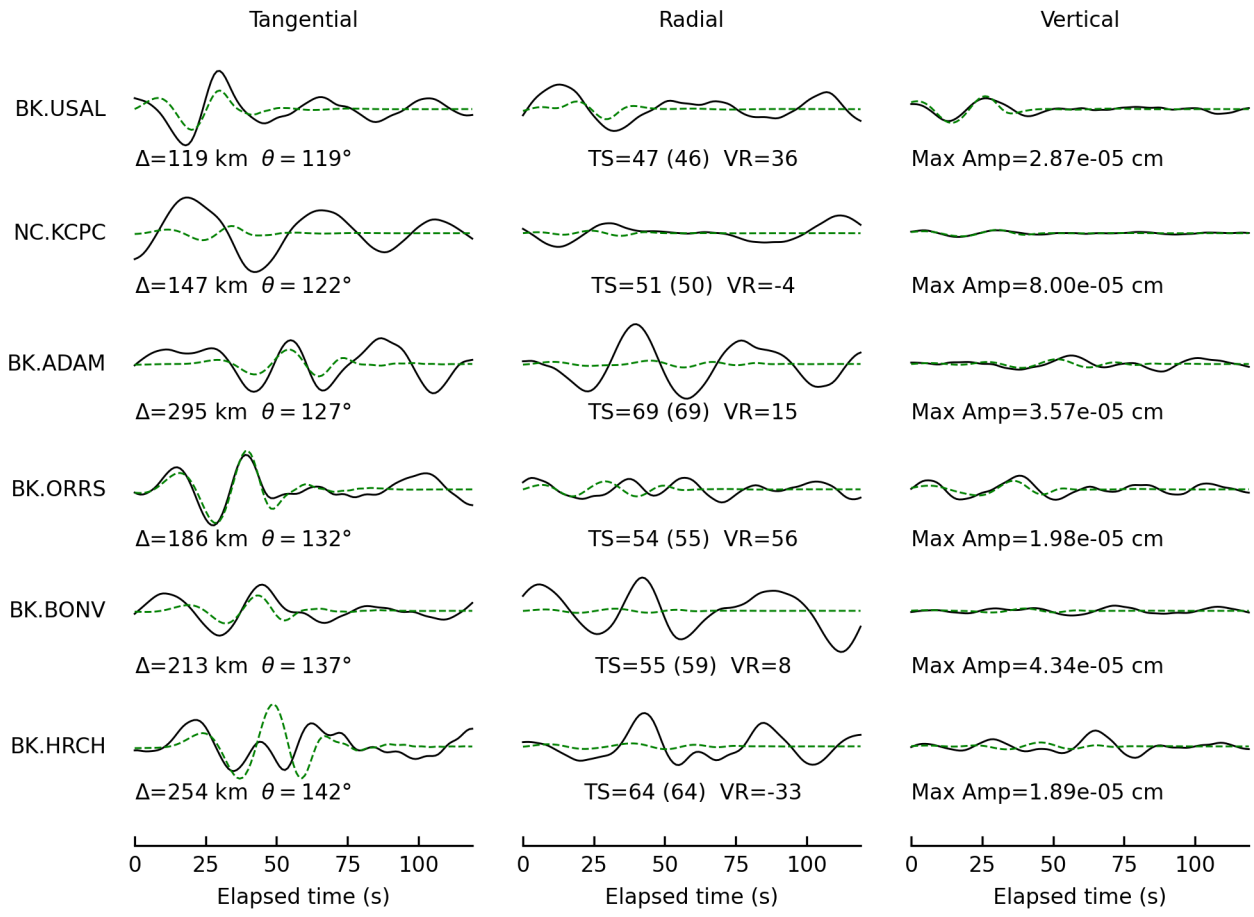

Tangential
Radial
Vertical
BK.USAL
Δ=119 km θ = 119°
TS=47 (46) VR=36
Max Amp=2.87e-05 cm
NC.KCPC
Δ=147 km θ = 122°
TS=51 (50) VR=-4
Max Amp=8.00e-05 cm
BK.ADAM
Δ=295 km θ = 127°
TS=69 (69) VR=15
Max Amp=3.57e-05 cm
BK.ORRS
Δ=186 km θ = 132°
TS=54 (55) VR=56
Max Amp=1.98e-05 cm
BK.BONV
Δ=213 km θ = 137°
TS=55 (59) VR=8
Max Amp=4.34e-05 cm
BK.HRCH
Δ=254 km θ = 142°
TS=64 (64) VR=-33
Max Amp=1.89e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75103591
Depth = 3.0 km
Mw = 3.51
M0 = 2.25e+21 dyne-cm
Percent DC/CLVD/ISO = 83/17/0
sdr = (57,84,-9) (148,81,-174)
npts = 120 vred = 7.692 km/s
VR = 5.66% lune:-4,0

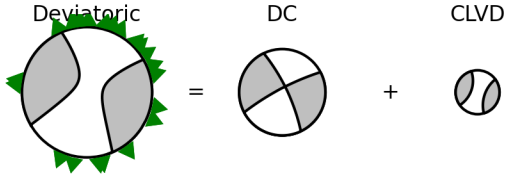


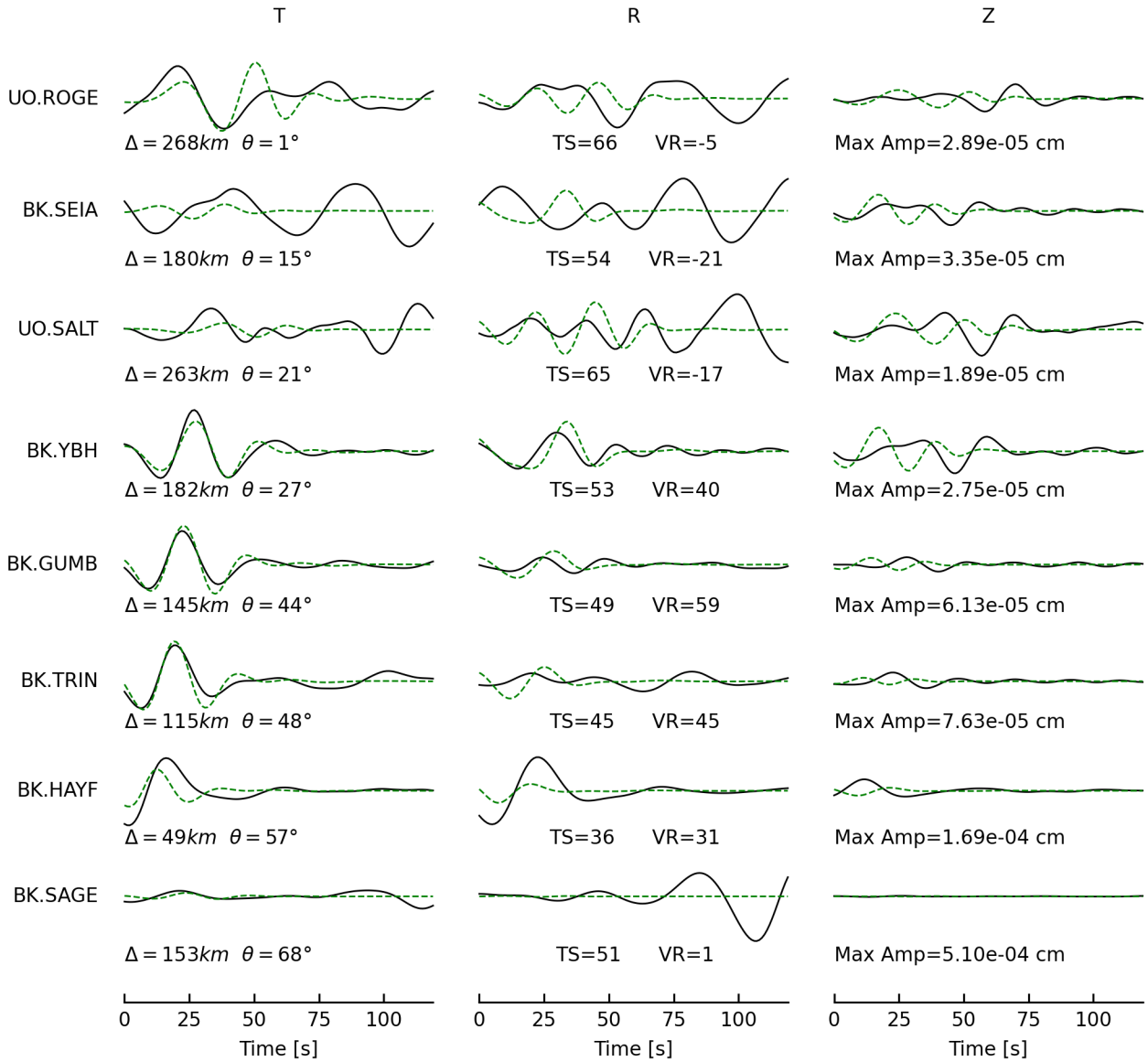


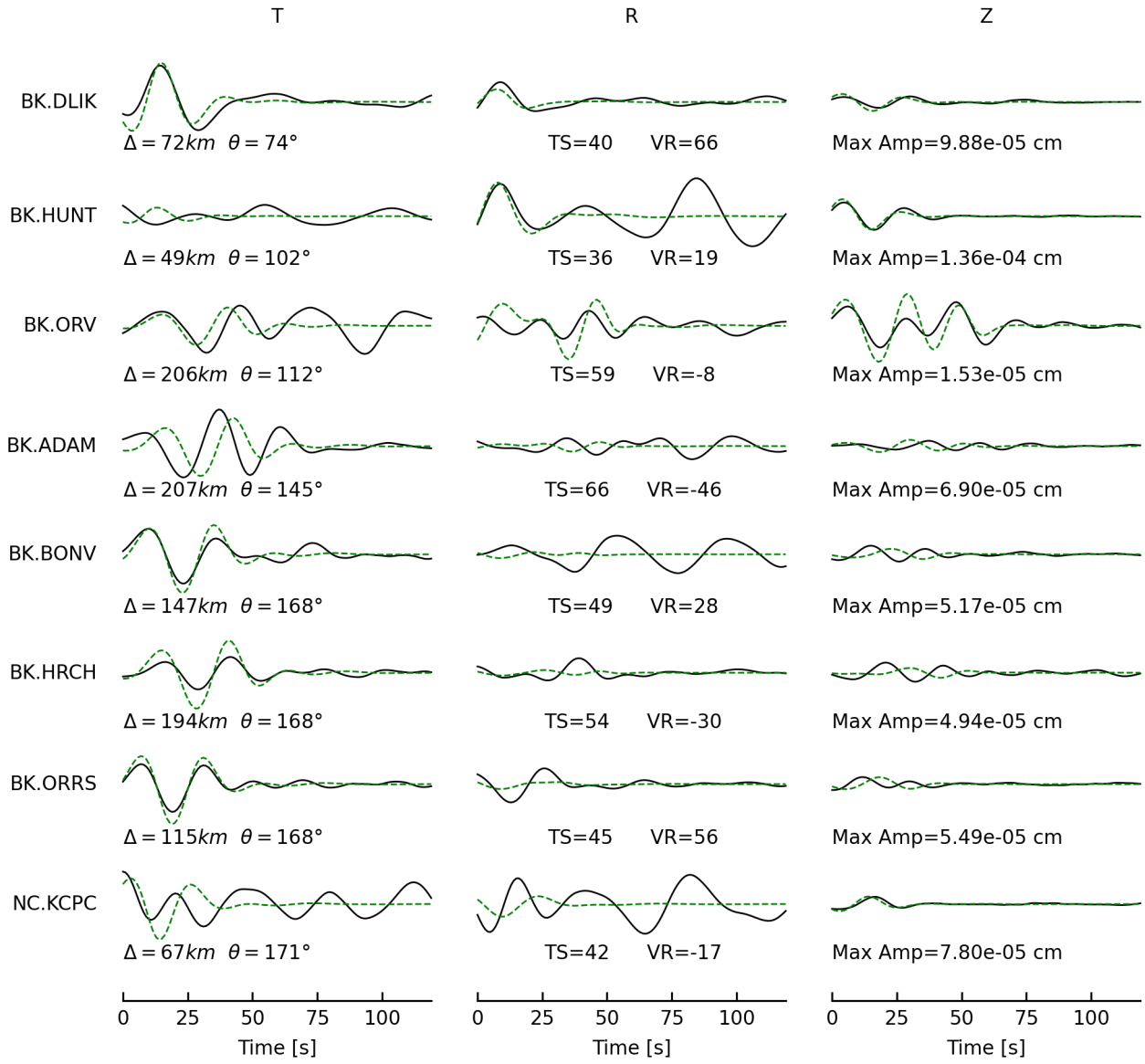

Tangential
Radial
Vertical
BK.TRIN
Δ=207 km θ = 71°
TS=58 (58) VR=8
Max Amp=2.37e-05 cm
BK.HAYF
Δ=153 km θ = 84°
TS=54 (51) VR=24
Max Amp=2.24e-05 cm
BK.DLIK
Δ=181 km θ = 87°
TS=58 (55) VR=8
Max Amp=4.26e-05 cm
BK.WLKR
Δ=60 km θ = 94°
TS=39 (39) VR=11
Max Amp=6.10e-05 cm
BK.GHOP
Δ=90 km θ = 96°
TS=43 (43) VR=24
Max Amp=2.44e-05 cm
BK.HUNT
Δ=162 km θ = 98°
TS=56 (52) VR=9
Max Amp=1.89e-05 cm
BK.ORV
Δ=316 km θ = 106°
TS=74 (72) VR=25
Max Amp=7.64e-06 cm
BK.SPRL
Δ=109 km θ = 112°
TS=45 (45) VR=31
Max Amp=2.28e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

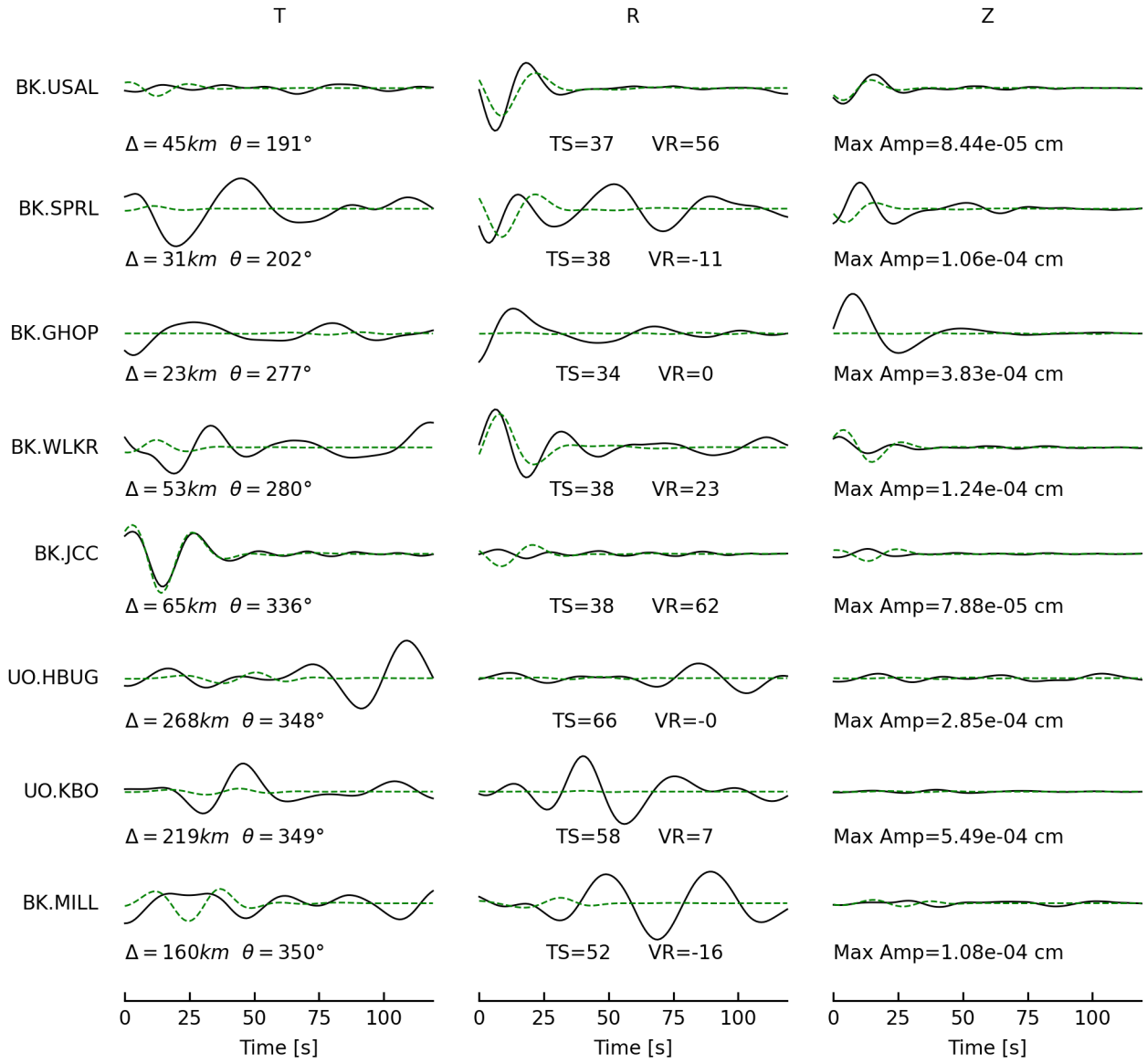

Tangential
Radial
Vertical
BK.USAL
Δ=119 km θ = 119°
TS=47 (46) VR=36
Max Amp=2.87e-05 cm
NC.KCPC
Δ=147 km θ = 122°
TS=51 (50) VR=-4
Max Amp=8.00e-05 cm
BK.ADAM
Δ=295 km θ = 127°
TS=69 (69) VR=15
Max Amp=3.57e-05 cm
BK.ORRS
Δ=186 km θ = 132°
TS=54 (55) VR=56
Max Amp=1.98e-05 cm
BK.BONV
Δ=213 km θ = 137°
TS=55 (59) VR=8
Max Amp=4.34e-05 cm
BK.HRCH
Δ=254 km θ = 142°
TS=64 (64) VR=-33
Max Amp=1.89e-05 cm
0 25 50 75 100
Elapsed time (s)

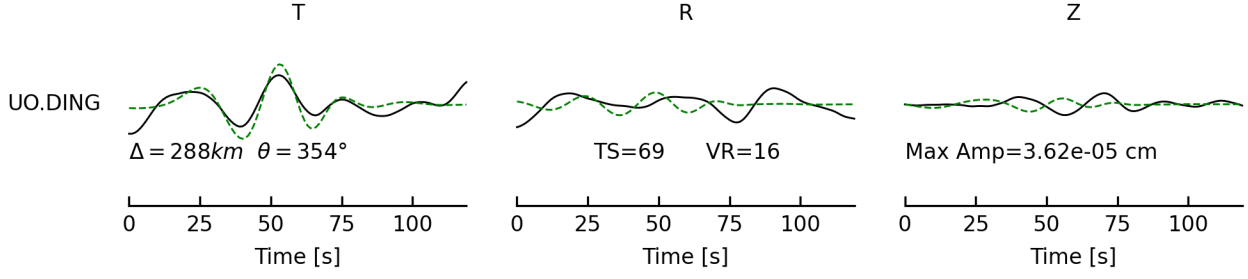
Deviatoric Moment Tensor Inversion
Evid = 75104216
Depth = 35.0 km
Mw = 4.10
M0 = 1.78e+22 dyne-cm
Percent DC/CLVD/ISO = 66/34/0
sdr = (242,80,-13) (335,77,-170)
npts = 120 vred = 7.692 km/s
VR = 3.39% lune:-9,0



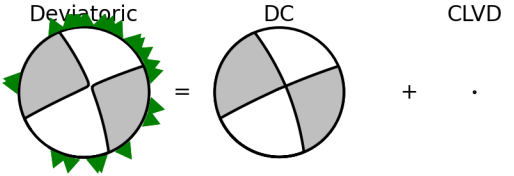


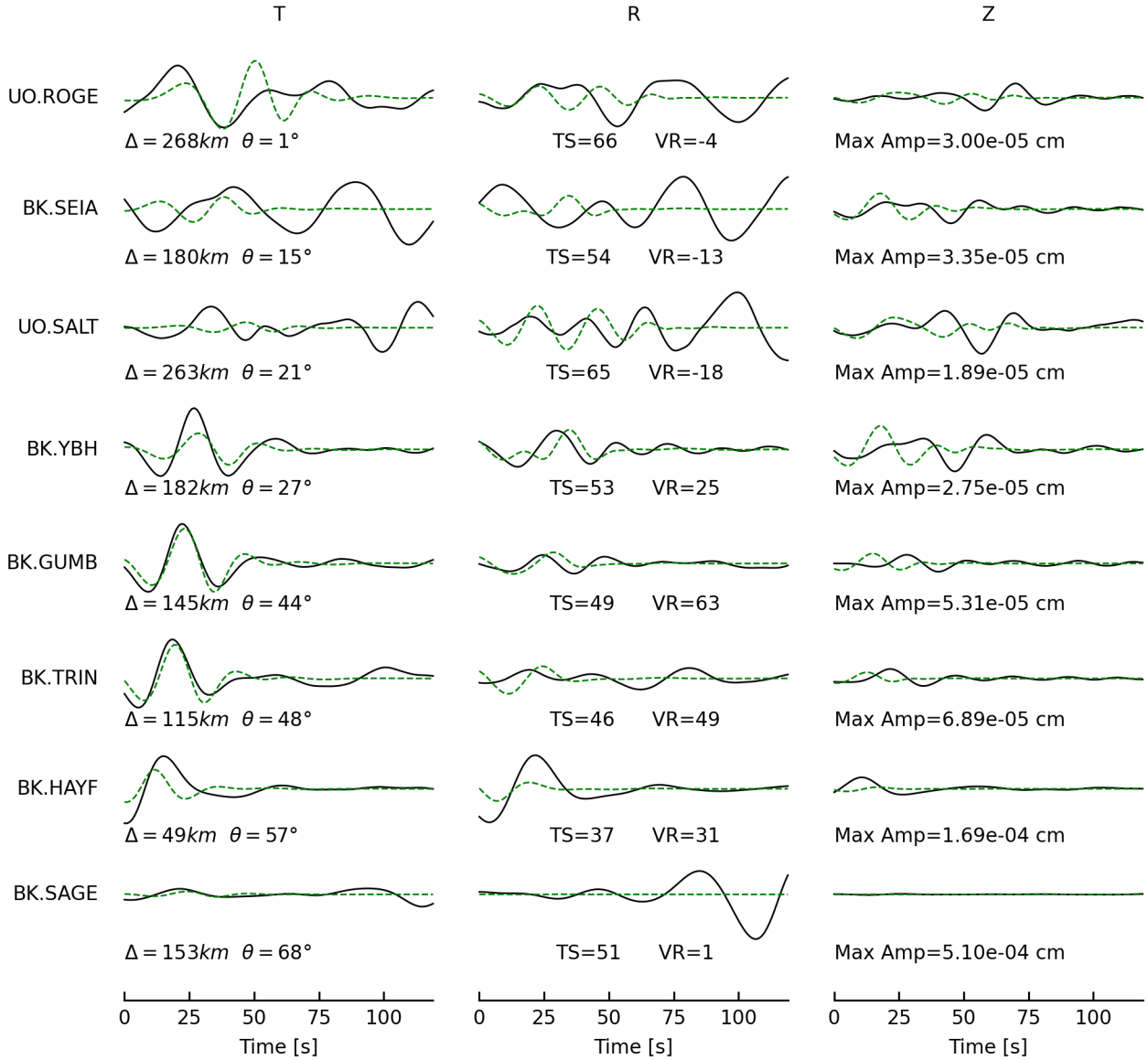

T
R
Z
BK.DLIK
Δ = 72km θ = 74°
TS=40 VR=66
Max Amp=9.88e-05 cm
BK.HUNT
Δ = 49km θ = 102°
TS=36 VR=19
Max Amp=1.36e-04 cm
BK.ORV
Δ = 206km θ = 112°
TS=59 VR=-8
Max Amp=1.53e-05 cm
BK.ADAM
Δ = 207km θ = 145°
TS=66 VR=-46
Max Amp=6.90e-05 cm
BK.BONV
Δ = 147km θ = 168°
TS=49 VR=28
Max Amp=5.17e-05 cm
BK.HRCH
Δ = 194km θ = 168°
TS=54 VR=-30
Max Amp=4.94e-05 cm
BK.ORRS
Δ = 115km θ = 168°
TS=45 VR=56
Max Amp=5.49e-05 cm
NC.KCPC
Δ = 67km θ = 171°
TS=42 VR=-17
Max Amp=7.80e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

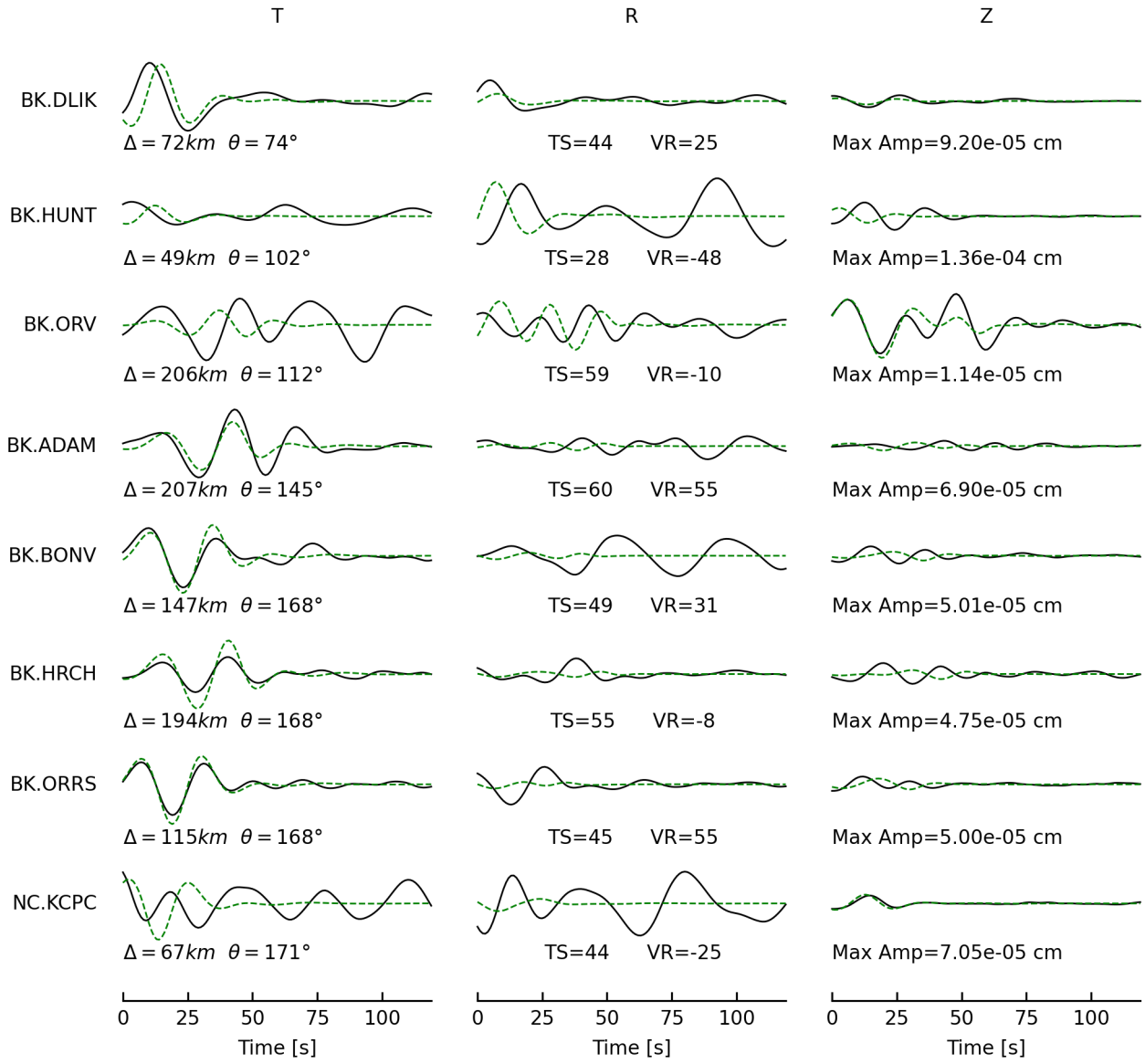

T
R
Z
BK.USAL
Δ = 45km θ = 191°
TS=37 VR=56
Max Amp=8.44e-05 cm
BK.SPRL
Δ = 31km θ = 202°
TS=38 VR=-11
Max Amp=1.06e-04 cm
BK.GHOP
Δ = 23km θ = 277°
TS=34 VR=0
Max Amp=3.83e-04 cm
BK.WLKR
Δ = 53km θ = 280°
TS=38 VR=23
Max Amp=1.24e-04 cm
BK.JCC
Δ = 65km θ = 336°
TS=38 VR=62
Max Amp=7.88e-05 cm
UO.HBUG
Δ = 268km θ = 348°
TS=66 VR=-0
Max Amp=2.85e-04 cm
UO.KBO
Δ = 219km θ = 349°
TS=58 VR=7
Max Amp=5.49e-04 cm
BK.MILL
Δ = 160km θ = 350°
TS=52 VR=-16
Max Amp=1.08e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

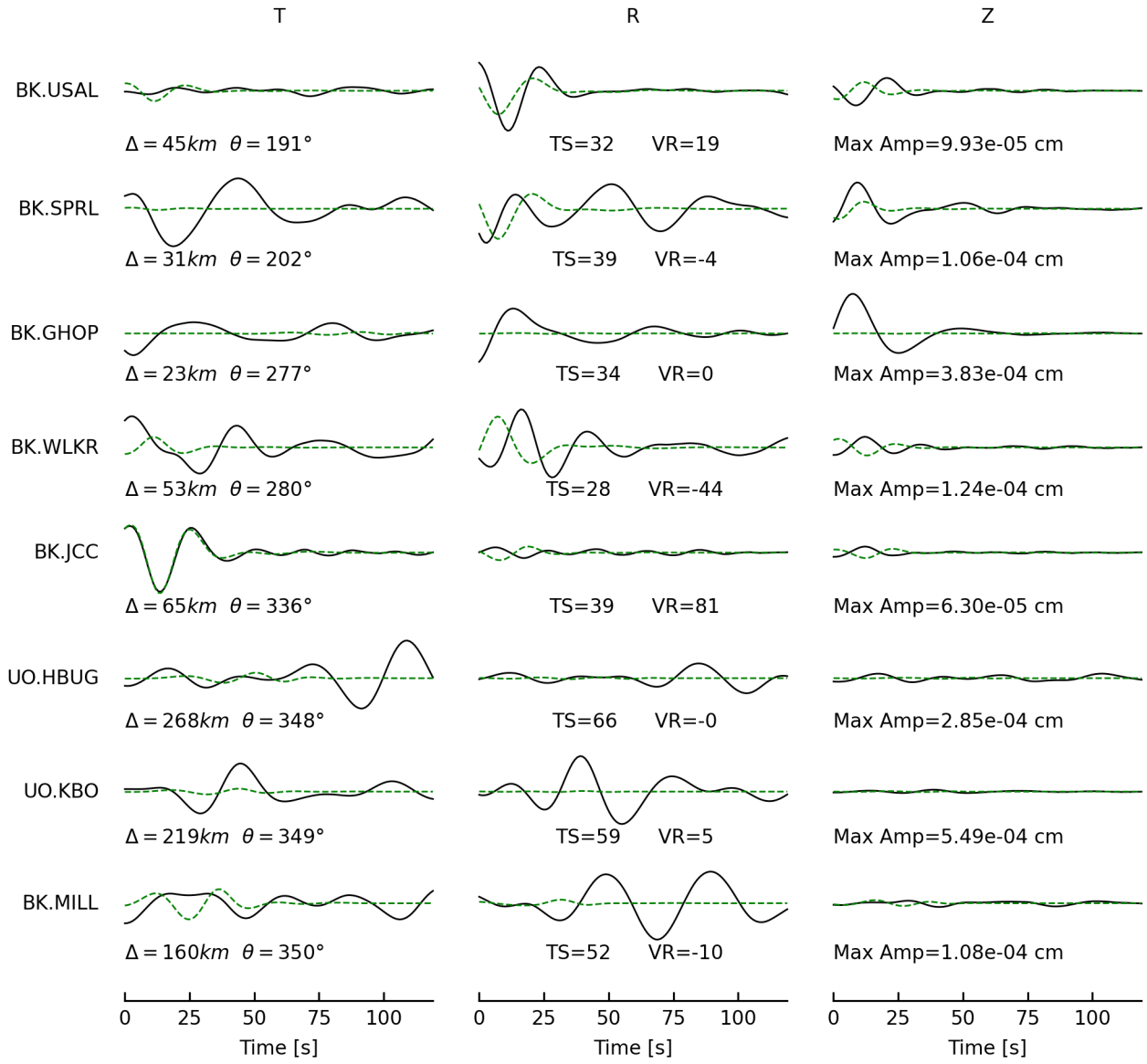

T
R
Z
UO.DING
Δ = 288km θ = 354°
TS=69 VR=16
Max Amp=3.62e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

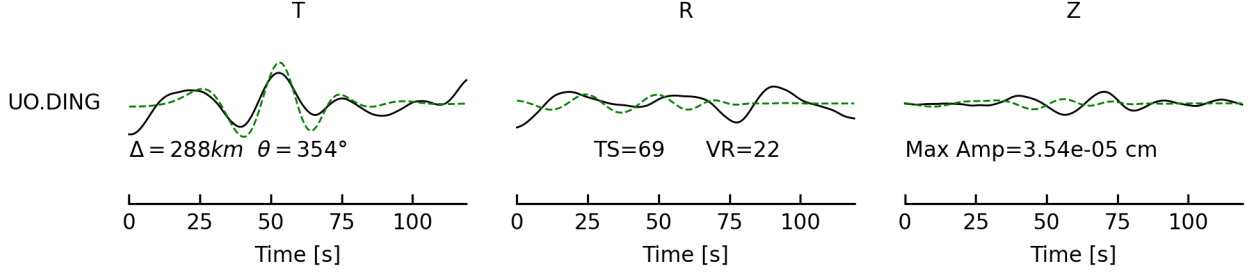
Deviatoric Moment Tensor Inversion
Evid = 75104216
Depth = 25.0 km
Mw = 3.99
M0 = 1.18e+22 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (246,85,-14) (338,76,-174)
npts = 120 vred = 7.692 km/s
VR = 2.51% lune:0,0



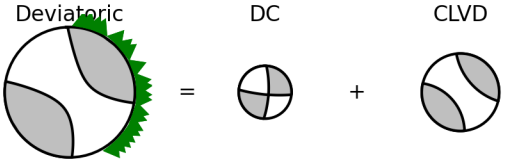


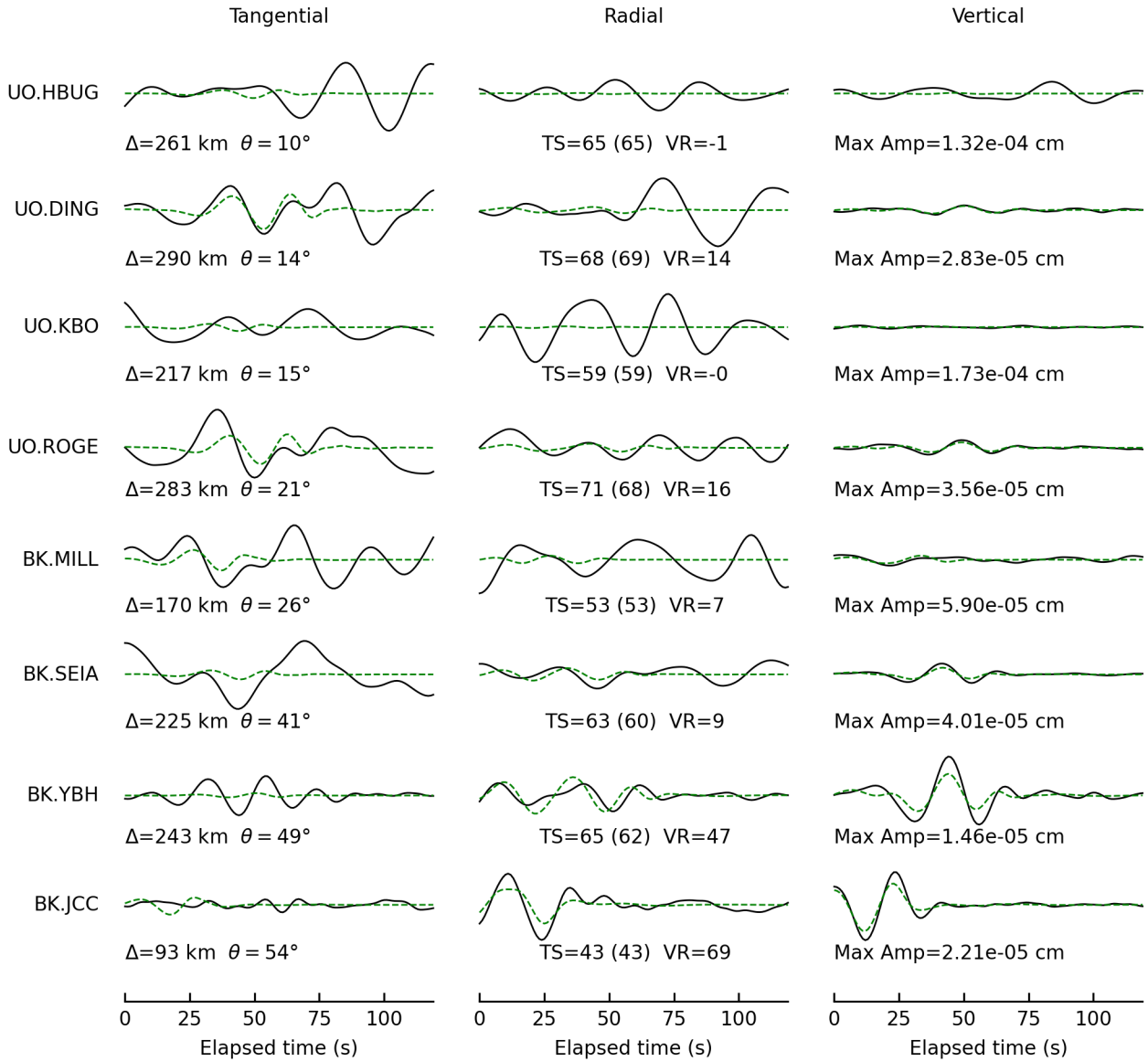

T
R
Z
BK.DLIK
Δ = 72km θ = 74°
TS=44 VR=25
Max Amp=9.20e-05 cm
BK.HUNT
Δ = 49km θ = 102°
TS=28 VR=-48
Max Amp=1.36e-04 cm
BK.ORV
Δ = 206km θ = 112°
TS=59 VR=-10
Max Amp=1.14e-05 cm
BK.ADAM
Δ = 207km θ = 145°
TS=60 VR=55
Max Amp=6.90e-05 cm
BK.BONV
Δ = 147km θ = 168°
TS=49 VR=31
Max Amp=5.01e-05 cm
BK.HRCH
Δ = 194km θ = 168°
TS=55 VR=-8
Max Amp=4.75e-05 cm
BK.ORRS
Δ = 115km θ = 168°
TS=45 VR=55
Max Amp=5.00e-05 cm
NC.KCPC
Δ = 67km θ = 171°
TS=44 VR=-25
Max Amp=7.05e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

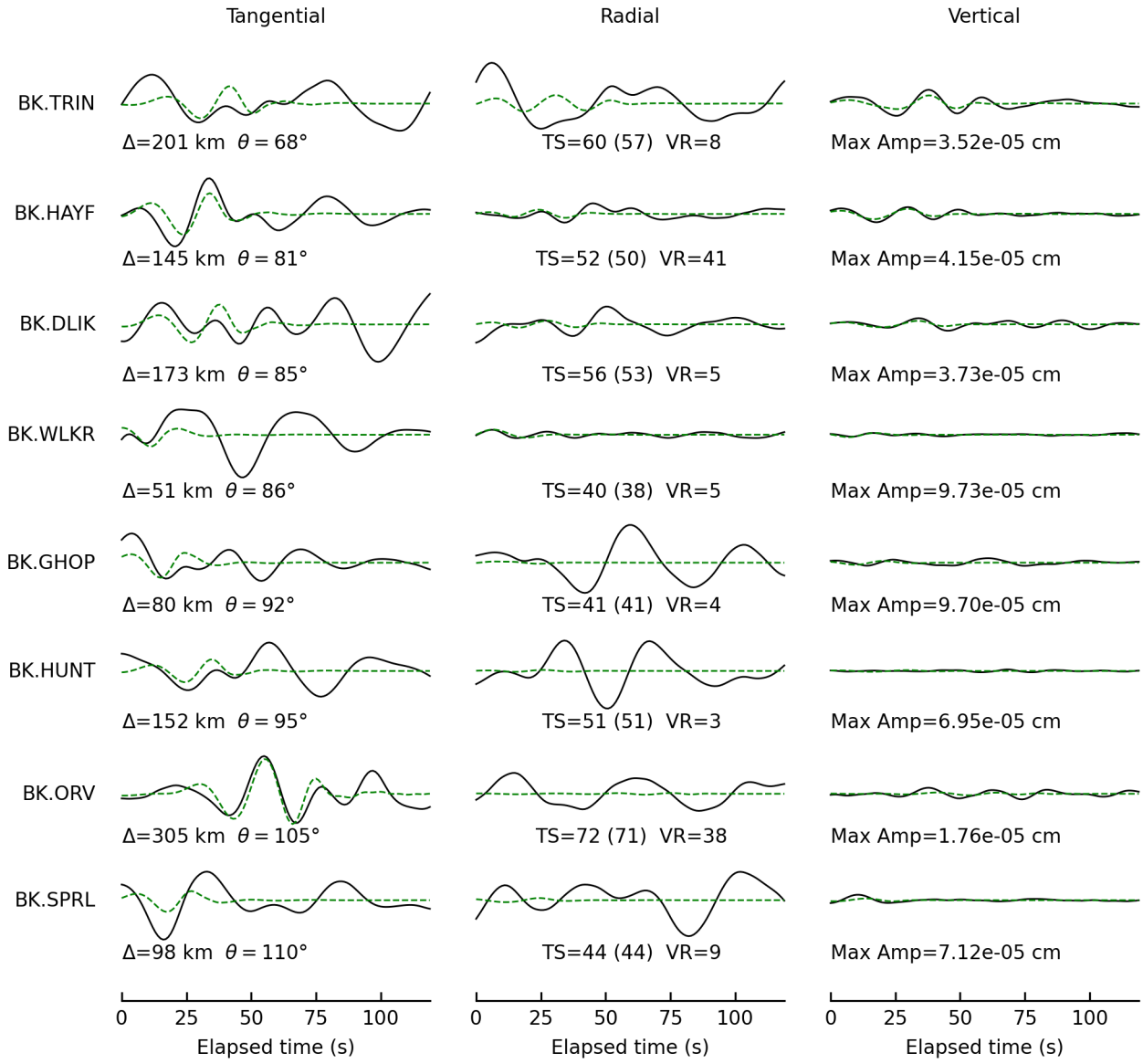

T
R
Z
BK.USAL
Δ = 45km θ = 191°
TS=32 VR=19
Max Amp=9.93e-05 cm
BK.SPRL
Δ = 31km θ = 202°
TS=39 VR=-4
Max Amp=1.06e-04 cm
BK.GHOP
Δ = 23km θ = 277°
TS=34 VR=0
Max Amp=3.83e-04 cm
BK.WLKR
Δ = 53km θ = 280°
TS=28 VR=-44
Max Amp=1.24e-04 cm
BK.JCC
Δ = 65km θ = 336°
TS=39 VR=81
Max Amp=6.30e-05 cm
UO.HBUG
Δ = 268km θ = 348°
TS=66 VR=-0
Max Amp=2.85e-04 cm
UO.KBO
Δ = 219km θ = 349°
TS=59 VR=5
Max Amp=5.49e-04 cm
BK.MILL
Δ = 160km θ = 350°
TS=52 VR=-10
Max Amp=1.08e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

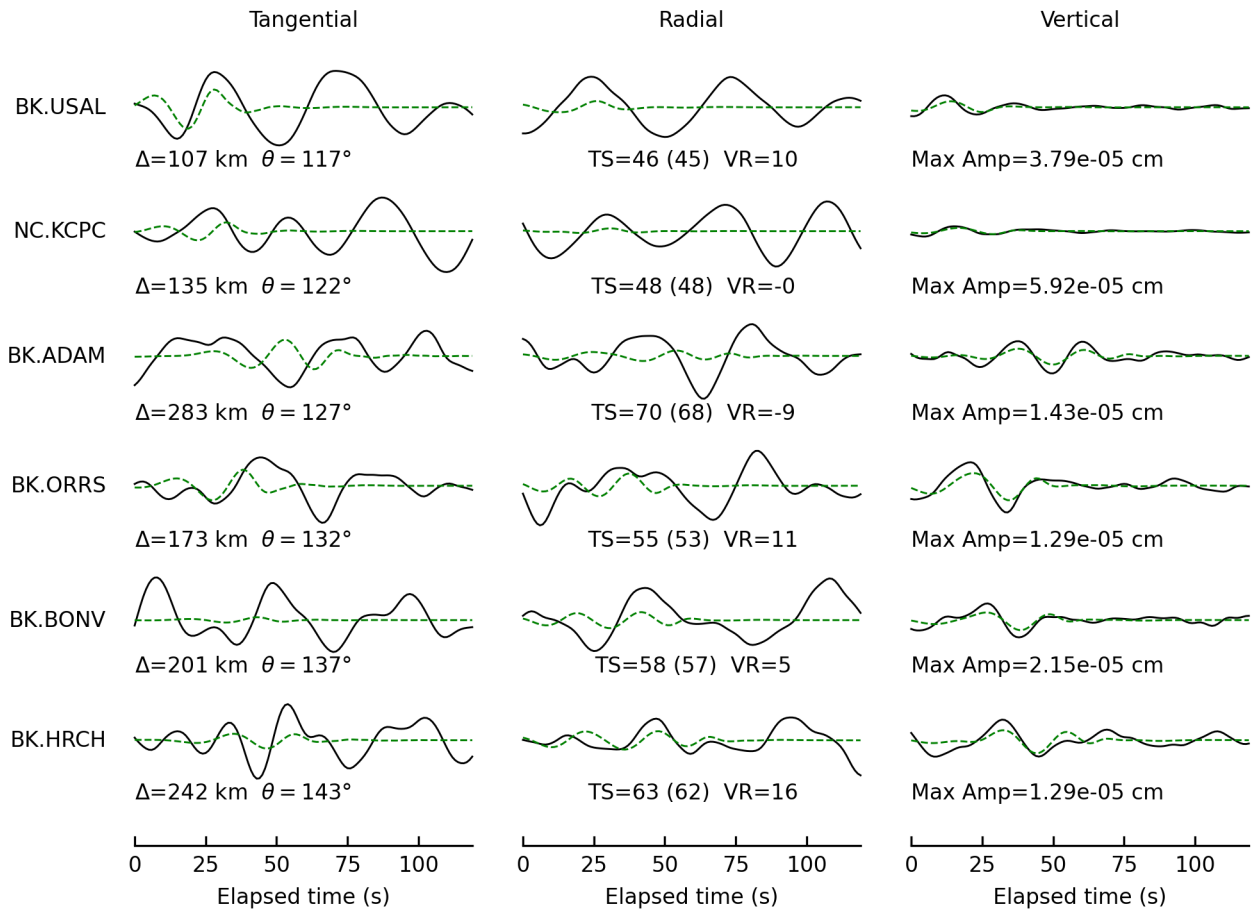

T
R
Z
UO.DING
Δ = 288km θ = 354°
TS=69 VR=22
Max Amp=3.54e-05 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75104246
Depth = 4.0 km
Mw = 3.53
M0 = 2.46e+21 dyne-cm
Percent DC/CLVD/ISO = 41/59/0
sdr = (95,80,-165) (3,75,-10)
npts = 120 vred = 7.692 km/s
VR = 2.39% lune:-17,0

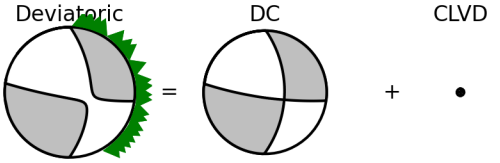


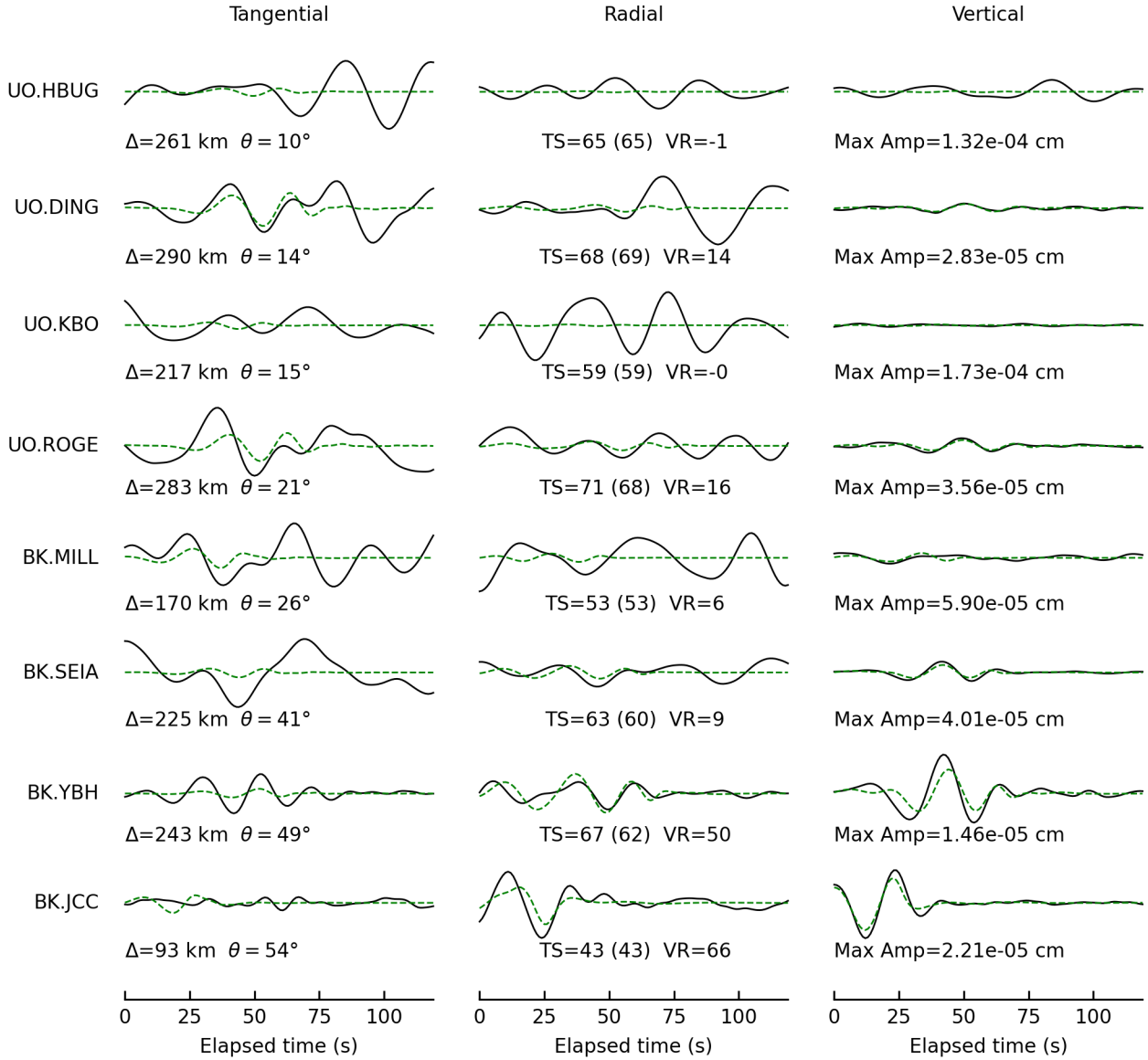


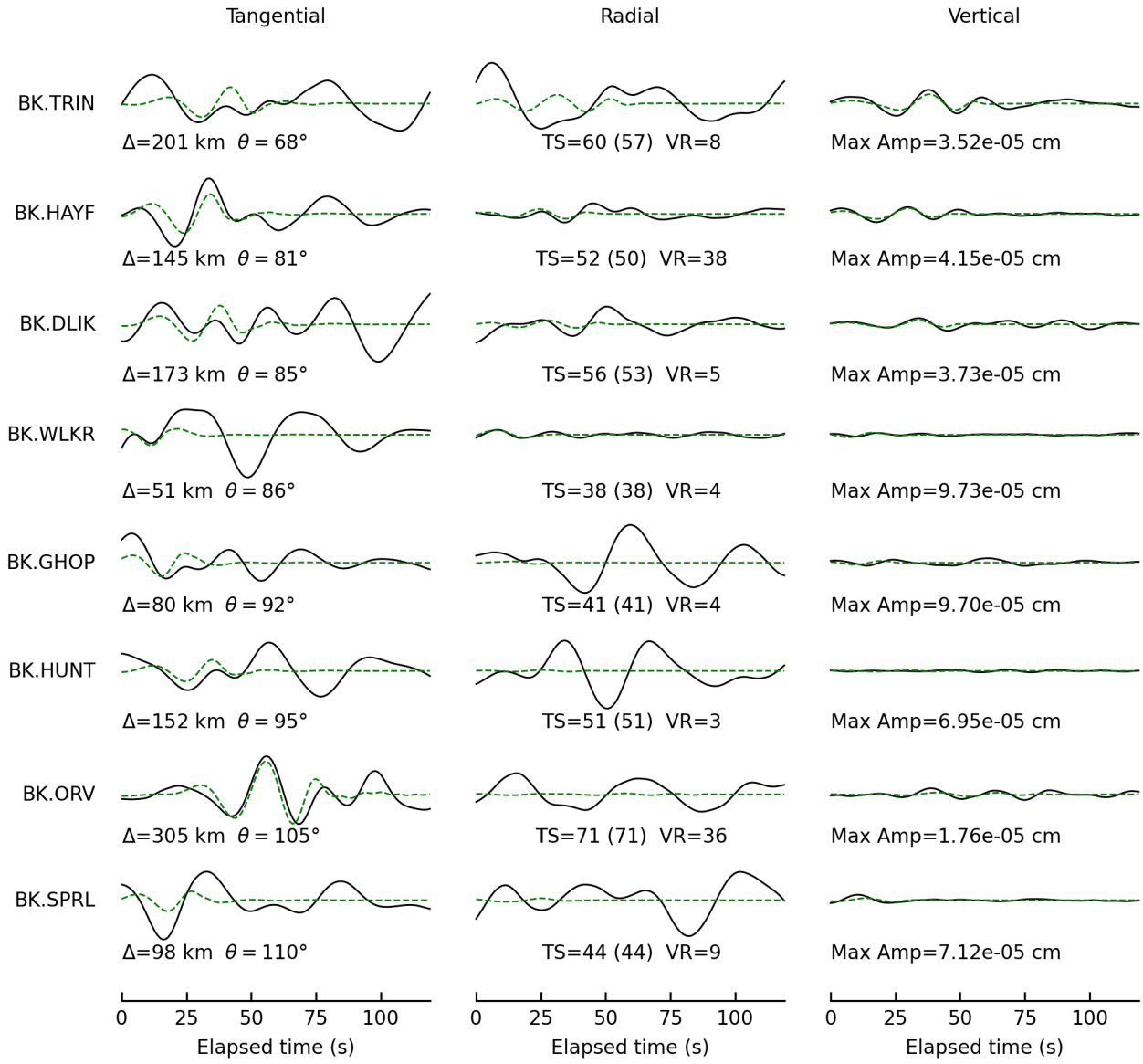

Tangential
Radial
Vertical
BK.TRIN
Δ=201 km θ = 68°
TS=60 (57) VR=8
Max Amp=3.52e-05 cm
BK.HAYF
Δ=145 km θ = 81°
TS=52 (50) VR=41
Max Amp=4.15e-05 cm
BK.DLIK
Δ=173 km θ = 85°
TS=56 (53) VR=5
Max Amp=3.73e-05 cm
BK.WLKR
Δ=51 km θ = 86°
TS=40 (38) VR=5
Max Amp=9.73e-05 cm
BK.GHOP
Δ=80 km θ = 92°
TS=41 (41) VR=4
Max Amp=9.70e-05 cm
BK.HUNT
Δ=152 km θ = 95°
TS=51 (51) VR=3
Max Amp=6.95e-05 cm
BK.ORV
Δ=305 km θ = 105°
TS=72 (71) VR=38
Max Amp=1.76e-05 cm
BK.SPRL
Δ=98 km θ = 110°
TS=44 (44) VR=9
Max Amp=7.12e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

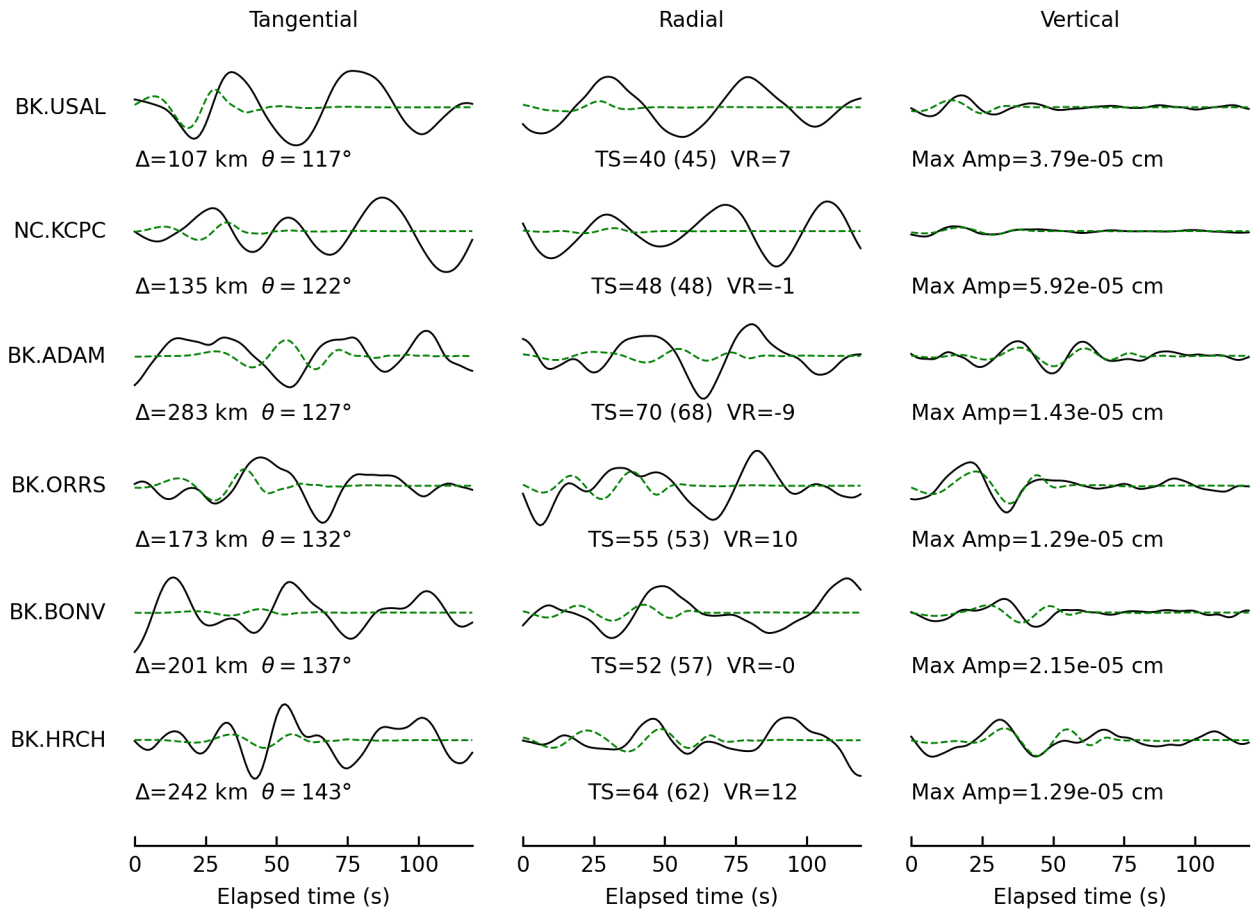

Tangential
Radial
Vertical
BK.USAL
Δ=107 km θ = 117°
TS=46 (45) VR=10
Max Amp=3.79e-05 cm
NC.KCPC
Δ=135 km θ = 122°
TS=48 (48) VR=-0
Max Amp=5.92e-05 cm
BK.ADAM
Δ=283 km θ = 127°
TS=70 (68) VR=-9
Max Amp=1.43e-05 cm
BK.ORRS
Δ=173 km θ = 132°
TS=55 (53) VR=11
Max Amp=1.29e-05 cm
BK.BONV
Δ=201 km θ = 137°
TS=58 (57) VR=5
Max Amp=2.15e-05 cm
BK.HRCH
Δ=242 km θ = 143°
TS=63 (62) VR=16
Max Amp=1.29e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104246
Depth = 1.0 km
Mw = 3.54
M0 = 2.57e+21 dyne-cm
Percent DC/CLVD/ISO = 95/5/0
sdr = (98,80,-144) (1,55,-12)
npts = 120 vred = 7.692 km/s
VR = 2.22% lune:-1,0

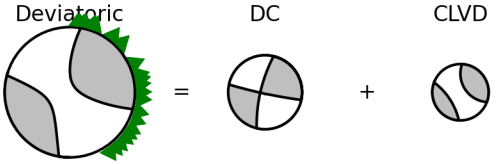





Tangential
Radial
Vertical
BK.TRIN
Δ=201 km θ = 68°
TS=60 (57) VR=8
Max Amp=3.52e-05 cm
BK.HAYF
Δ=145 km θ = 81°
TS=52 (50) VR=38
Max Amp=4.15e-05 cm
BK.DLIK
Δ=173 km θ = 85°
TS=56 (53) VR=5
Max Amp=3.73e-05 cm
BK.WLKR
Δ=51 km θ = 86°
TS=38 (38) VR=4
Max Amp=9.73e-05 cm
BK.GHOP
Δ=80 km θ = 92°
TS=41 (41) VR=4
Max Amp=9.70e-05 cm
BK.HUNT
Δ=152 km θ = 95°
TS=51 (51) VR=3
Max Amp=6.95e-05 cm
BK.ORV
Δ=305 km θ = 105°
TS=71 (71) VR=36
Max Amp=1.76e-05 cm
BK.SPRL
Δ=98 km θ = 110°
TS=44 (44) VR=9
Max Amp=7.12e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.USAL
Δ=107 km θ = 117°
TS=40 (45) VR=7
Max Amp=3.79e-05 cm
NC.KCPC
Δ=135 km θ = 122°
TS=48 (48) VR=-1
Max Amp=5.92e-05 cm
BK.ADAM
Δ=283 km θ = 127°
TS=70 (68) VR=-9
Max Amp=1.43e-05 cm
BK.ORRS
Δ=173 km θ = 132°
TS=55 (53) VR=10
Max Amp=1.29e-05 cm
BK.BONV
Δ=201 km θ = 137°
TS=52 (57) VR=-0
Max Amp=2.15e-05 cm
BK.HRCH
Δ=242 km θ = 143°
TS=64 (62) VR=12
Max Amp=1.29e-05 cm
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104696
Depth = 36.0 km
Mw = 4.02
M0 = 1.35e+22 dyne-cm
Percent DC/CLVD/ISO = 57/43/0
sdr = (193,76,5) (102,86,166)
npts = 120 vred = 7.692 km/s
VR = 3.10% lune:-12,0



Tangential | Radial | Vertical

UO.HBUG
Δ=261 km θ = 6°
TS=65 (65) VR=-0
Max Amp=9.99e-05 cm

UO.DING
Δ=290 km θ = 11°
TS=68 (69) VR=6
Max Amp=4.54e-04 cm

UO.KBO
Δ=216 km θ = 11°
TS=59 (59) VR=2
Max Amp=2.51e-04 cm

UO.ROGE
Δ=280 km θ = 18°
TS=67 (67) VR=5
Max Amp=3.63e-05 cm

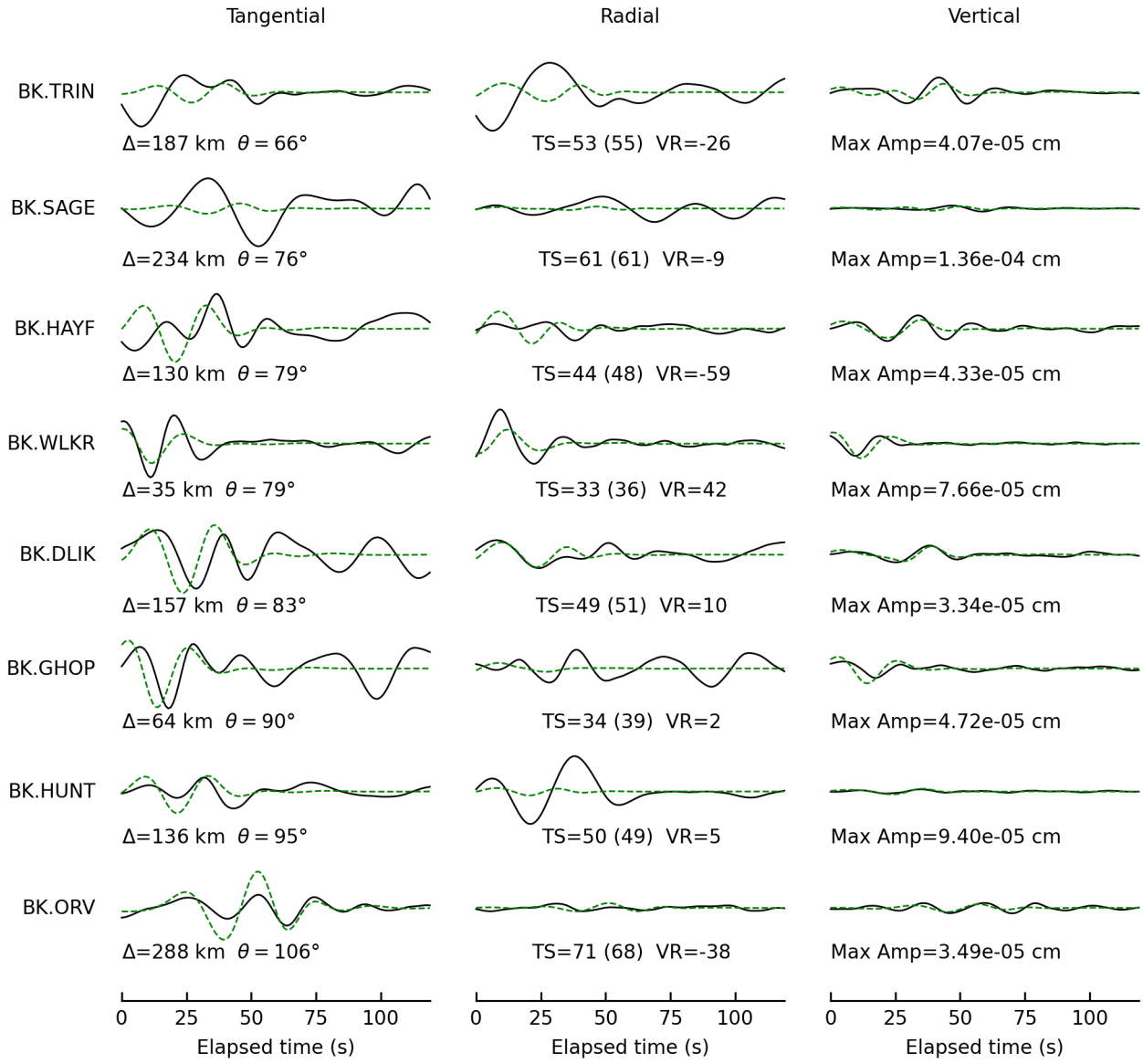
BK.MILL
Δ=166 km θ = 20°
TS=53 (53) VR=-37
Max Amp=6.75e-05 cm

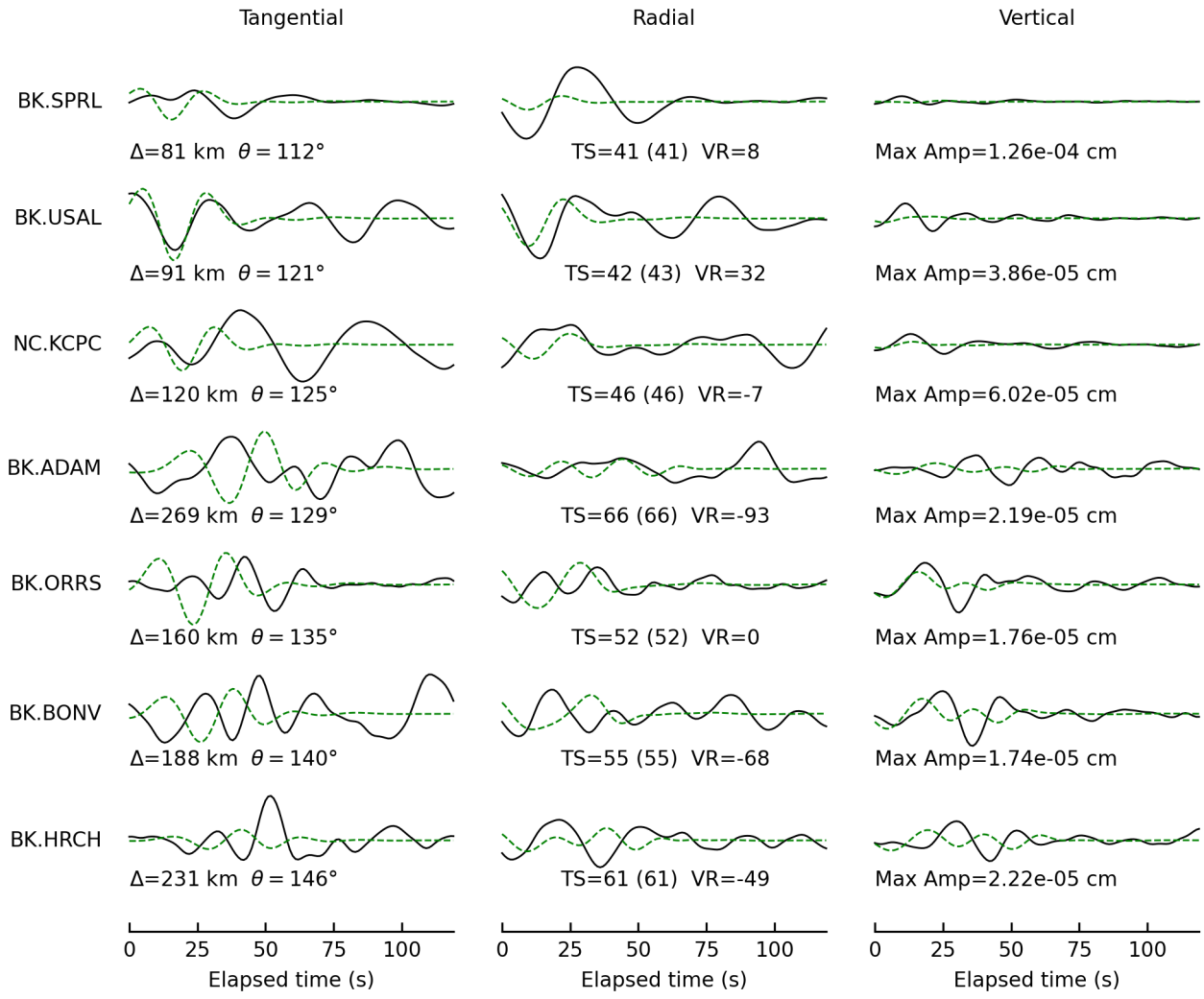
BK.SEIA
Δ=217 km θ = 37°
TS=57 (59) VR=41
Max Amp=4.78e-05 cm

BK.JCC
Δ=82 km θ = 46°
TS=38 (42) VR=5
Max Amp=3.69e-05 cm

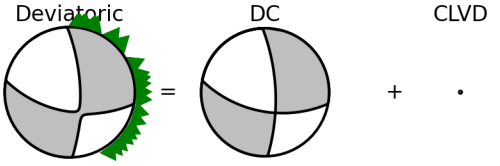
BK.YBH
Δ=232 km θ = 46°
TS=59 (61) VR=6
Max Amp=1.52e-05 cm

0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.TRIN
Δ=187 km θ = 66°
TS=53 (55) VR=-26
Max Amp=4.07e-05 cm
BK.SAGE
Δ=234 km θ = 76°
TS=61 (61) VR=-9
Max Amp=1.36e-04 cm
BK.HAYF
Δ=130 km θ = 79°
TS=44 (48) VR=-59
Max Amp=4.33e-05 cm
BK.WLKR
Δ=35 km θ = 79°
TS=33 (36) VR=42
Max Amp=7.66e-05 cm
BK.DLIK
Δ=157 km θ = 83°
TS=49 (51) VR=10
Max Amp=3.34e-05 cm
BK.GHOP
Δ=64 km θ = 90°
TS=34 (39) VR=2
Max Amp=4.72e-05 cm
BK.HUNT
Δ=136 km θ = 95°
TS=50 (49) VR=5
Max Amp=9.40e-05 cm
BK.ORV
Δ=288 km θ = 106°
TS=71 (68) VR=-38
Max Amp=3.49e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.SPRL
Δ=81 km θ = 112°
TS=41 (41) VR=8
Max Amp=1.26e-04 cm
BK.USAL
Δ=91 km θ = 121°
TS=42 (43) VR=32
Max Amp=3.86e-05 cm
NC.KCPC
Δ=120 km θ = 125°
TS=46 (46) VR=-7
Max Amp=6.02e-05 cm
BK.ADAM
Δ=269 km θ = 129°
TS=66 (66) VR=-93
Max Amp=2.19e-05 cm
BK.ORRS
Δ=160 km θ = 135°
TS=52 (52) VR=0
Max Amp=1.76e-05 cm
BK.BONV
Δ=188 km θ = 140°
TS=55 (55) VR=-68
Max Amp=1.74e-05 cm
BK.HRCH
Δ=231 km θ = 146°
TS=61 (61) VR=-49
Max Amp=2.22e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104696
Depth = 6.0 km
Mw = 3.78
M0 = 5.91e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (358,72,-36) (100,57,-158)
npts = 120 vred = 7.692 km/s
VR = 2.49% lune:0,0



Tangential | Radial | Vertical

UO.HBUG
Δ=261 km θ = 6°
TS=65 (65) VR=-2
Max Amp=9.99e-05 cm

UO.DING
Δ=290 km θ = 11°
TS=69 (69) VR=4
Max Amp=4.54e-04 cm

UO.KBO
Δ=216 km θ = 11°
TS=59 (59) VR=1
Max Amp=2.51e-04 cm

UO.ROGE
Δ=280 km θ = 18°
TS=70 (67) VR=16
Max Amp=3.63e-05 cm

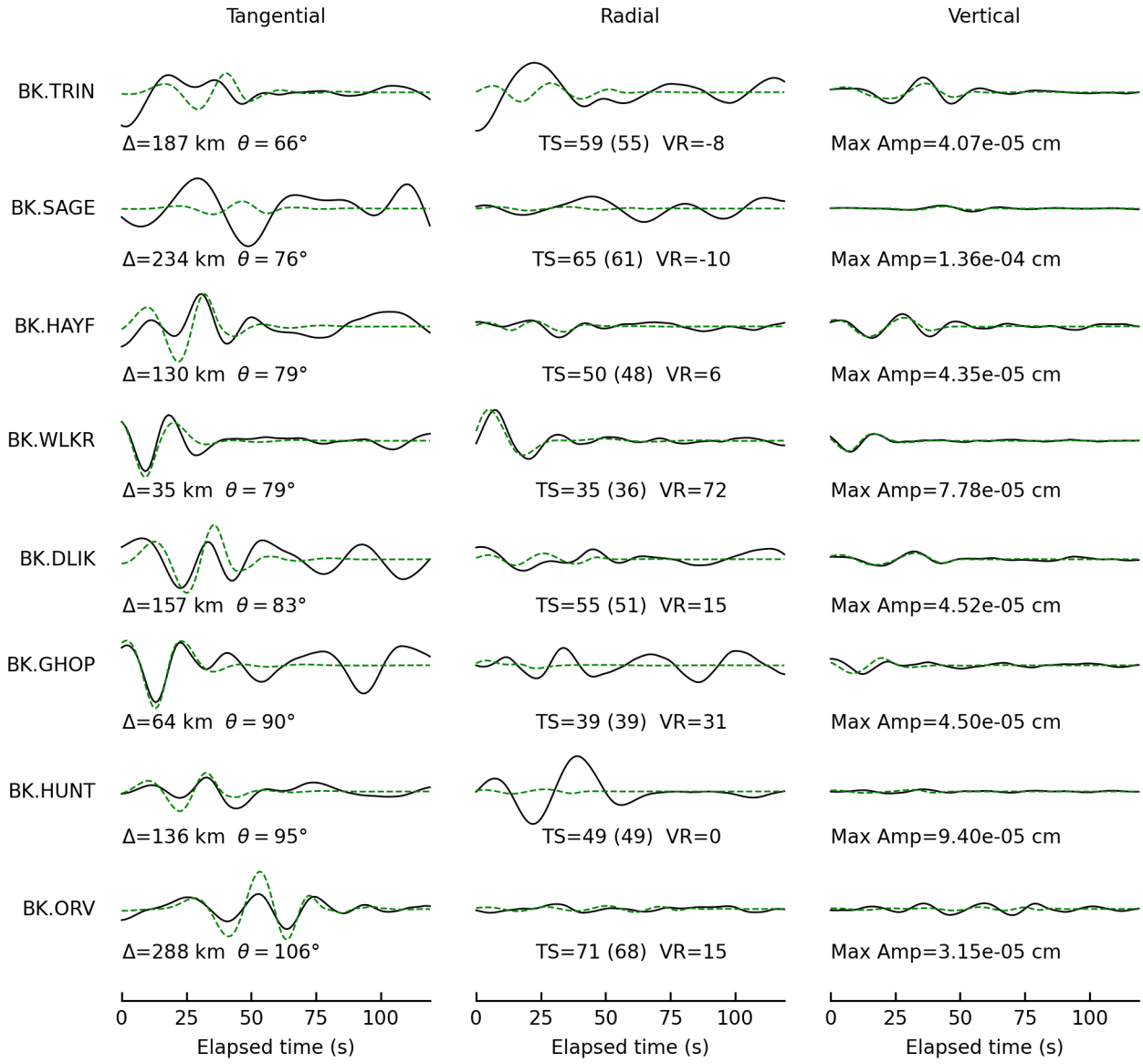
BK.MILL
Δ=166 km θ = 20°
TS=53 (53) VR=-11
Max Amp=6.75e-05 cm

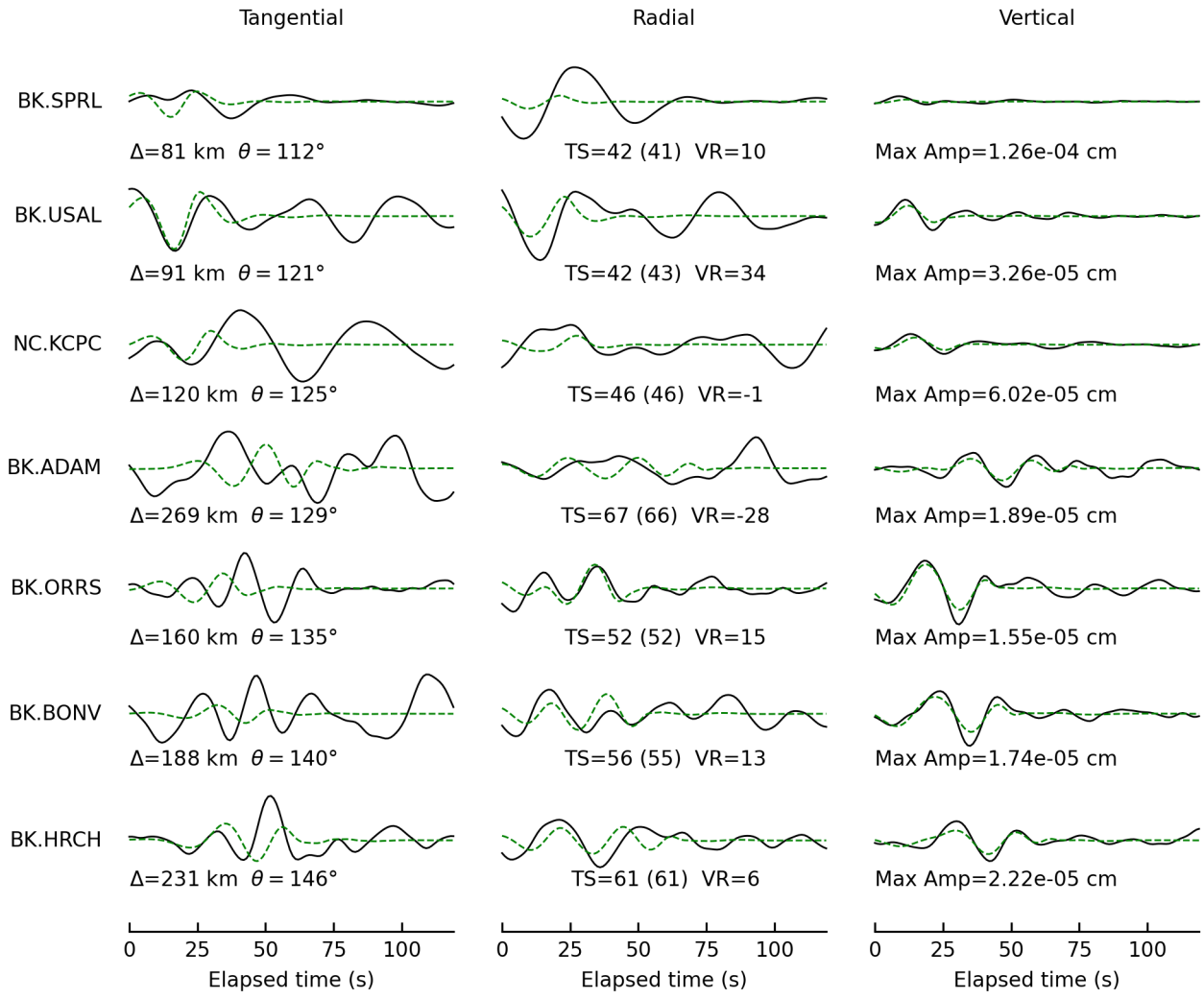
BK.SEIA
Δ=217 km θ = 37°
TS=62 (59) VR=24
Max Amp=4.78e-05 cm

BK.JCC
Δ=82 km θ = 46°
TS=42 (42) VR=76
Max Amp=3.38e-05 cm

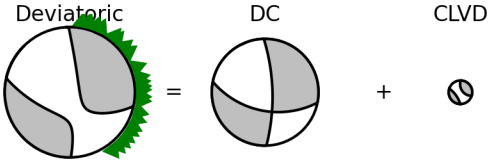
BK.YBH
Δ=232 km θ = 46°
TS=64 (61) VR=59
Max Amp=1.52e-05 cm

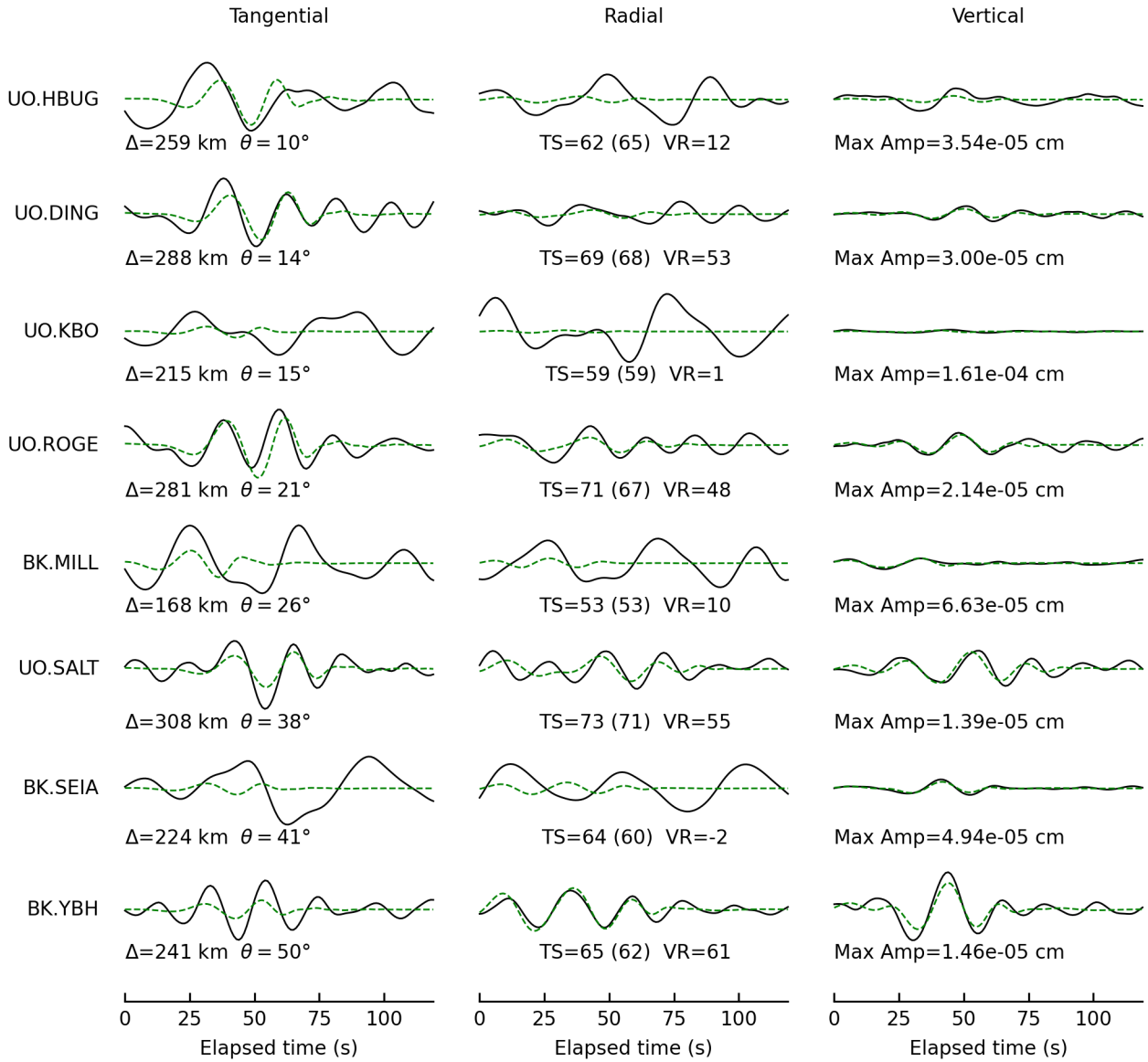
0 25 50 75 100
Elapsed time (s)

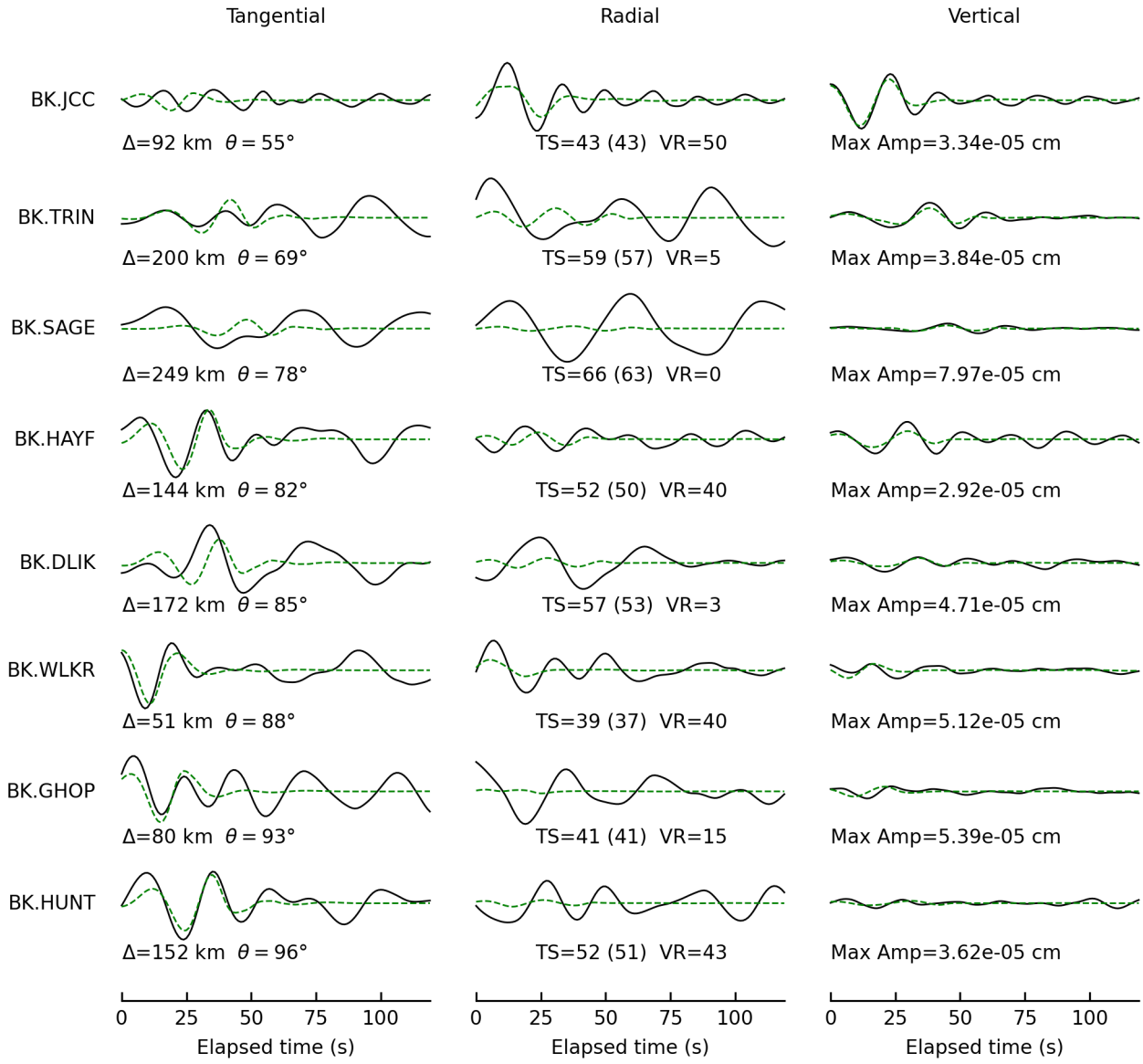

Tangential
Radial
Vertical
BK.TRIN
Δ=187 km θ = 66°
TS=59 (55) VR=-8
Max Amp=4.07e-05 cm
BK.SAGE
Δ=234 km θ = 76°
TS=65 (61) VR=-10
Max Amp=1.36e-04 cm
BK.HAYF
Δ=130 km θ = 79°
TS=50 (48) VR=6
Max Amp=4.35e-05 cm
BK.WLKR
Δ=35 km θ = 79°
TS=35 (36) VR=72
Max Amp=7.78e-05 cm
BK.DLIK
Δ=157 km θ = 83°
TS=55 (51) VR=15
Max Amp=4.52e-05 cm
BK.GHOP
Δ=64 km θ = 90°
TS=39 (39) VR=31
Max Amp=4.50e-05 cm
BK.HUNT
Δ=136 km θ = 95°
TS=49 (49) VR=0
Max Amp=9.40e-05 cm
BK.ORV
Δ=288 km θ = 106°
TS=71 (68) VR=15
Max Amp=3.15e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

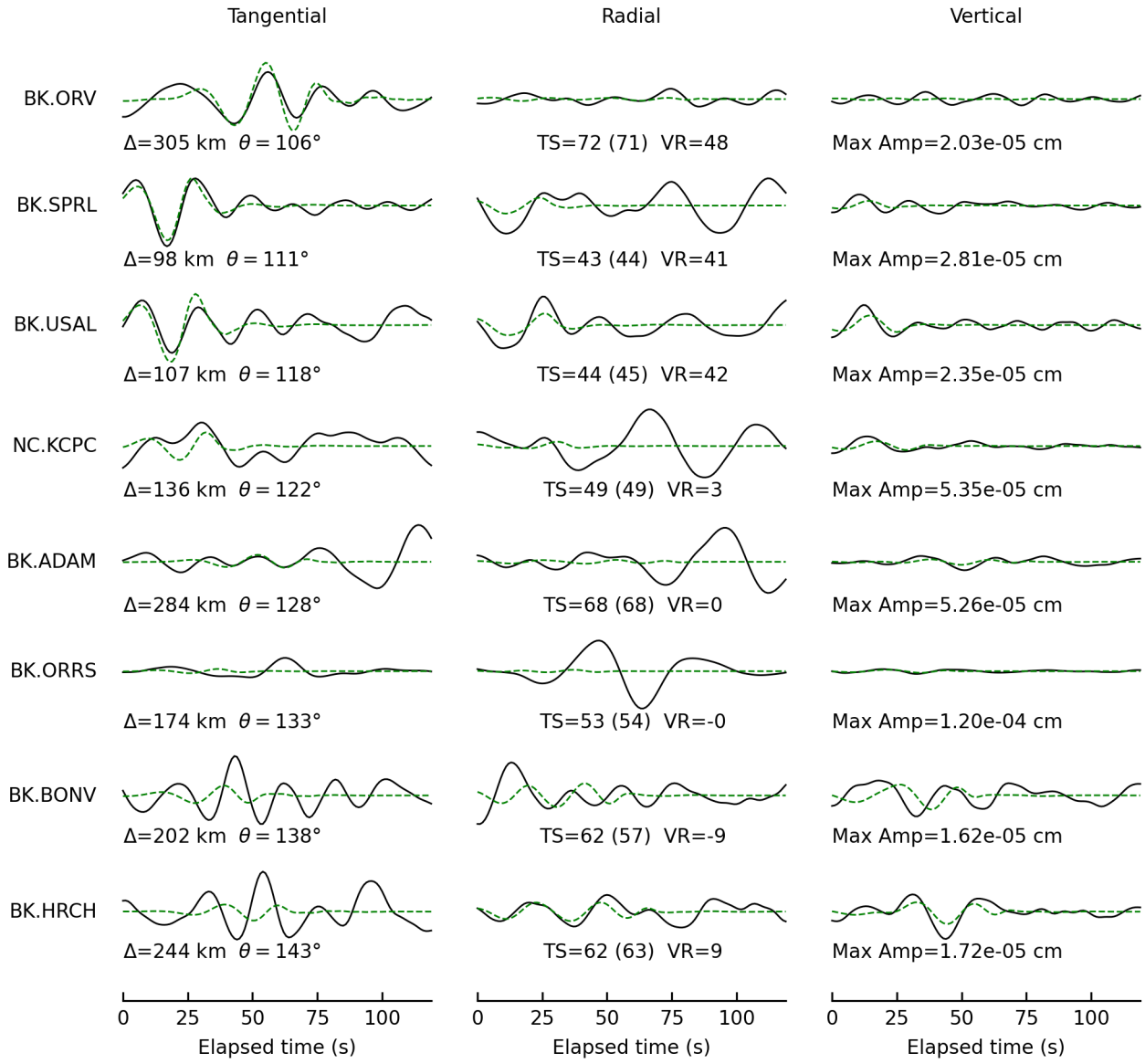

Tangential
Radial
Vertical
BK.SPRL
Δ=81 km θ = 112°
TS=42 (41) VR=10
Max Amp=1.26e-04 cm
BK.USAL
Δ=91 km θ = 121°
TS=42 (43) VR=34
Max Amp=3.26e-05 cm
NC.KCPC
Δ=120 km θ = 125°
TS=46 (46) VR=-1
Max Amp=6.02e-05 cm
BK.ADAM
Δ=269 km θ = 129°
TS=67 (66) VR=-28
Max Amp=1.89e-05 cm
BK.ORRS
Δ=160 km θ = 135°
TS=52 (52) VR=15
Max Amp=1.55e-05 cm
BK.BONV
Δ=188 km θ = 140°
TS=56 (55) VR=13
Max Amp=1.74e-05 cm
BK.HRCH
Δ=231 km θ = 146°
TS=61 (61) VR=6
Max Amp=2.22e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104866
Depth = 4.0 km
Mw = 3.65
M0 = 3.78e+21 dyne-cm
Percent DC/CLVD/ISO = 82/18/0
sdr = (359,74,-40) (101,52,-160)
npts = 120 vred = 7.692 km/s
VR = 5.08% lune:-5,0

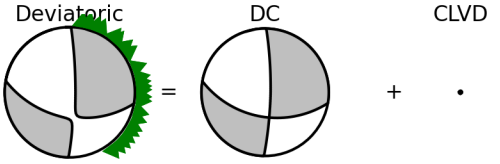


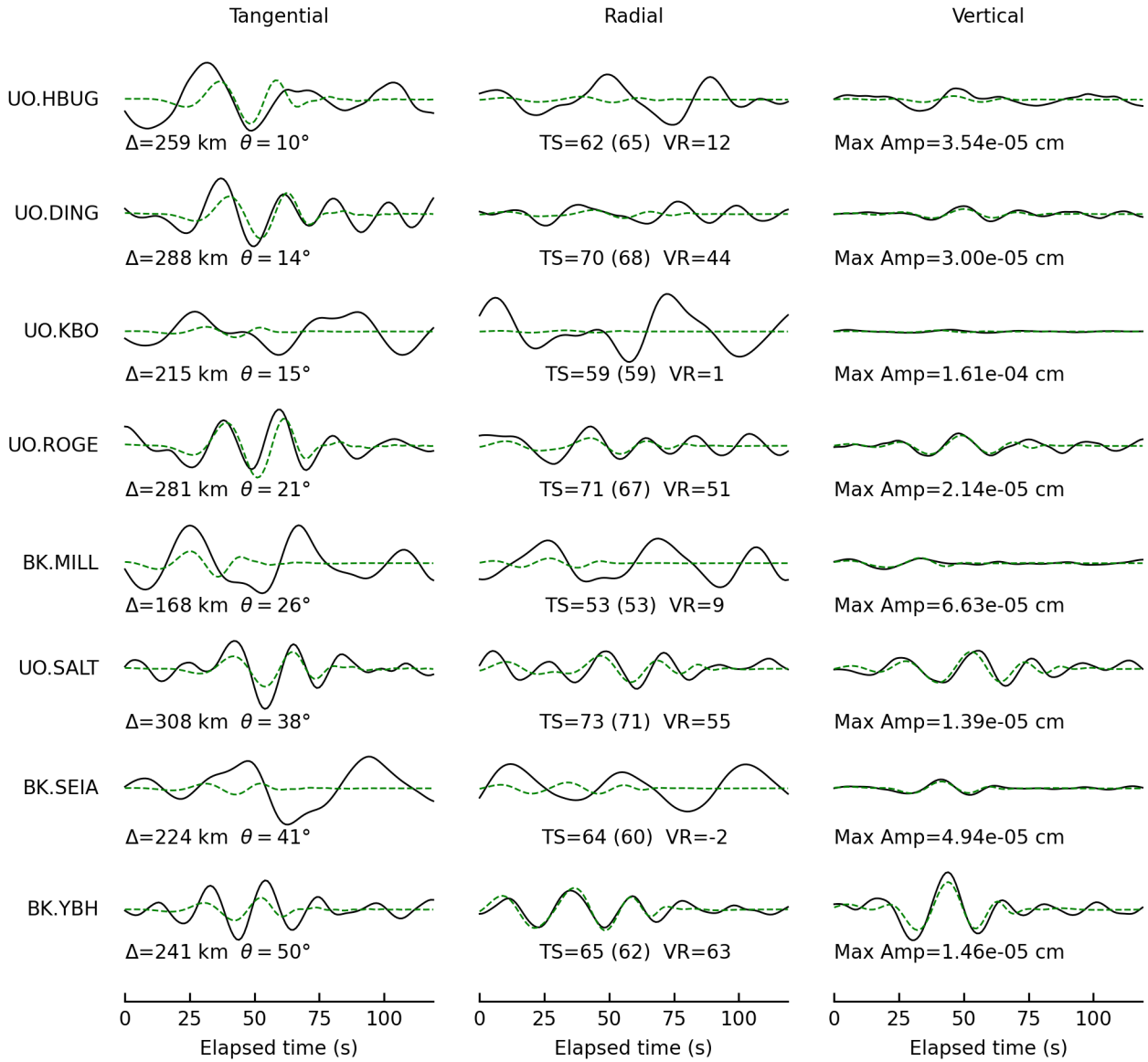


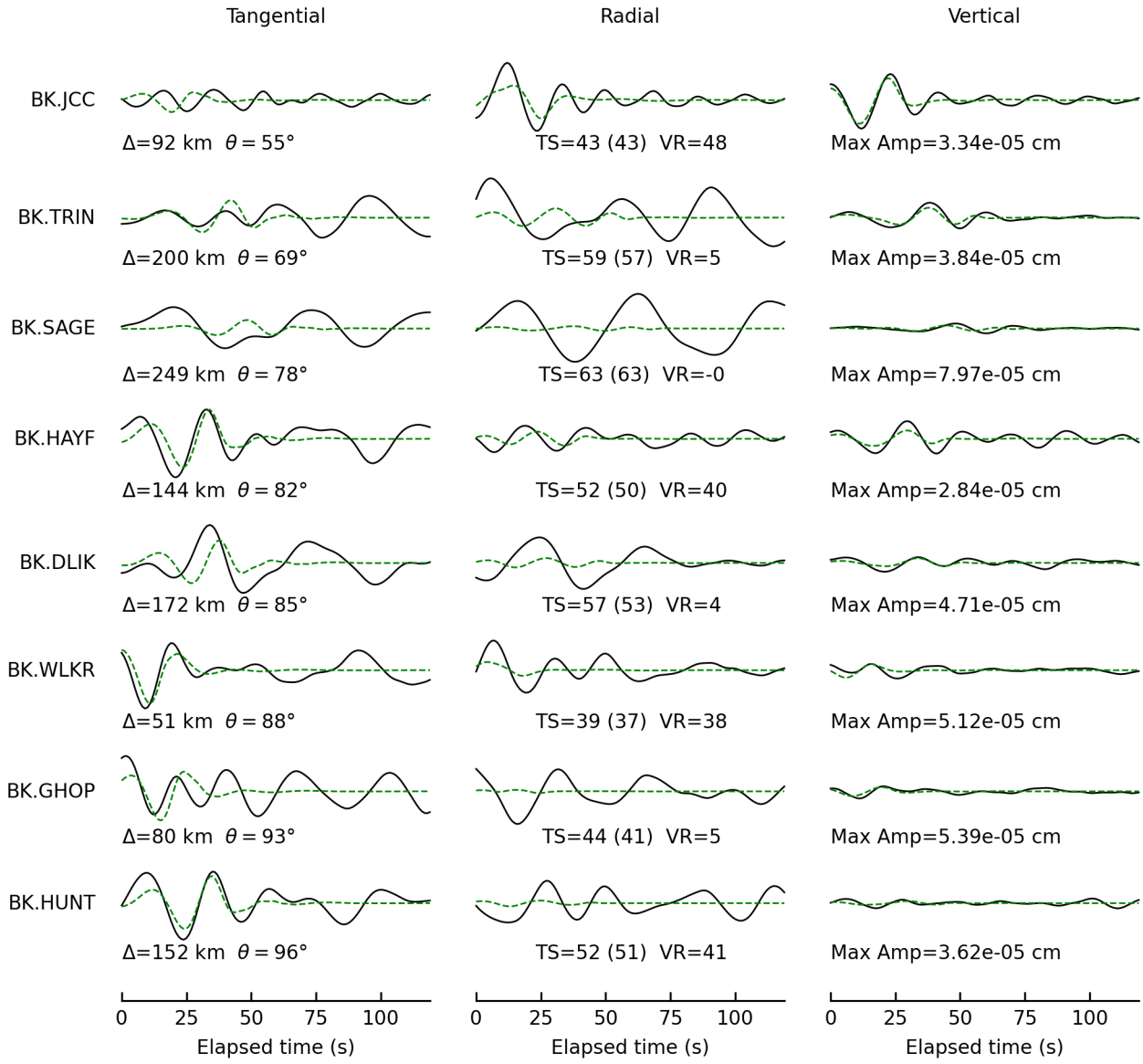

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 55°
TS=43 (43) VR=50
Max Amp=3.34e-05 cm
BK.TRIN
Δ=200 km θ = 69°
TS=59 (57) VR=5
Max Amp=3.84e-05 cm
BK.SAGE
Δ=249 km θ = 78°
TS=66 (63) VR=0
Max Amp=7.97e-05 cm
BK.HAYF
Δ=144 km θ = 82°
TS=52 (50) VR=40
Max Amp=2.92e-05 cm
BK.DLIK
Δ=172 km θ = 85°
TS=57 (53) VR=3
Max Amp=4.71e-05 cm
BK.WLKR
Δ=51 km θ = 88°
TS=39 (37) VR=40
Max Amp=5.12e-05 cm
BK.GHOP
Δ=80 km θ = 93°
TS=41 (41) VR=15
Max Amp=5.39e-05 cm
BK.HUNT
Δ=152 km θ = 96°
TS=52 (51) VR=43
Max Amp=3.62e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

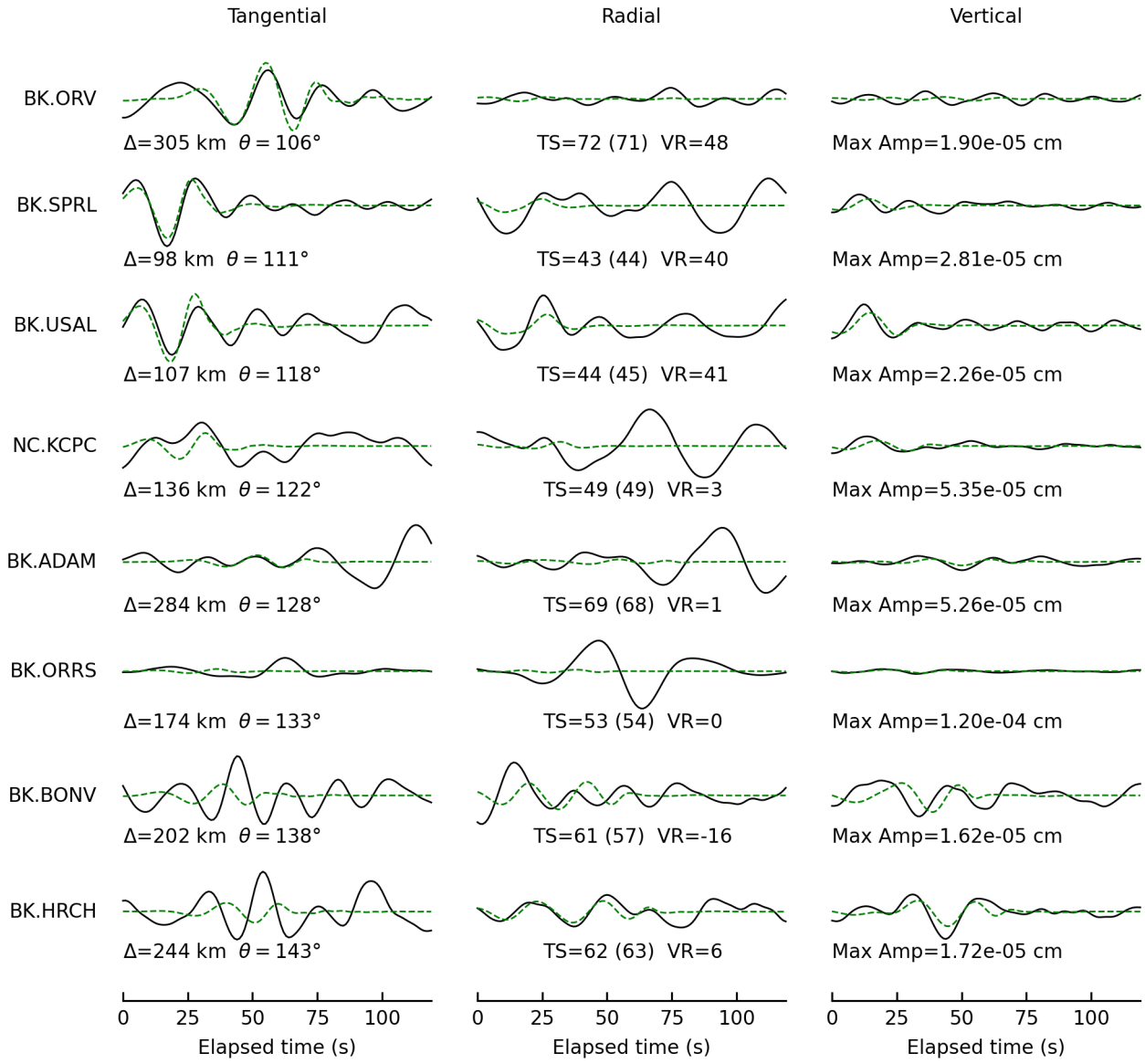

Tangential
Radial
Vertical
BK.ORV
Δ=305 km θ = 106°
TS=72 (71) VR=48
Max Amp=2.03e-05 cm
BK.SPRL
Δ=98 km θ = 111°
TS=43 (44) VR=41
Max Amp=2.81e-05 cm
BK.USAL
Δ=107 km θ = 118°
TS=44 (45) VR=42
Max Amp=2.35e-05 cm
NC.KCPC
Δ=136 km θ = 122°
TS=49 (49) VR=3
Max Amp=5.35e-05 cm
BK.ADAM
Δ=284 km θ = 128°
TS=68 (68) VR=0
Max Amp=5.26e-05 cm
BK.ORRS
Δ=174 km θ = 133°
TS=53 (54) VR=-0
Max Amp=1.20e-04 cm
BK.BONV
Δ=202 km θ = 138°
TS=62 (57) VR=-9
Max Amp=1.62e-05 cm
BK.HRCH
Δ=244 km θ = 143°
TS=62 (63) VR=9
Max Amp=1.72e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104866
Depth = 2.0 km
Mw = 3.64
M0 = 3.61e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (100,48,-167) (1,80,-43)
npts = 120 vred = 7.692 km/s
VR = 4.72% lune:-1,0

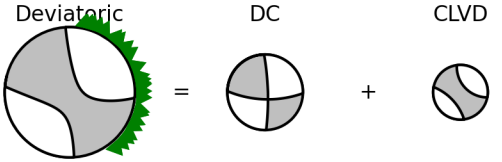


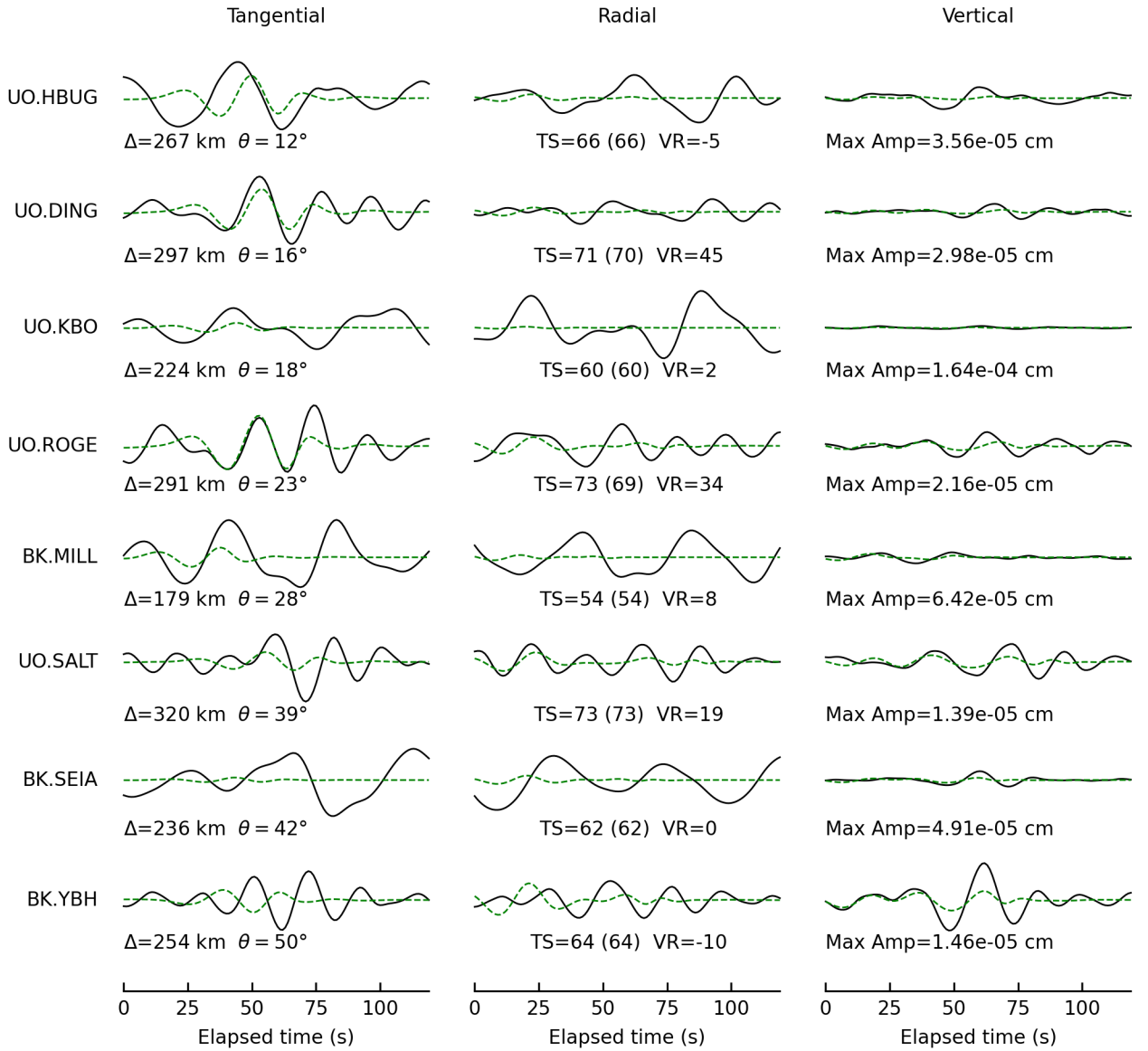


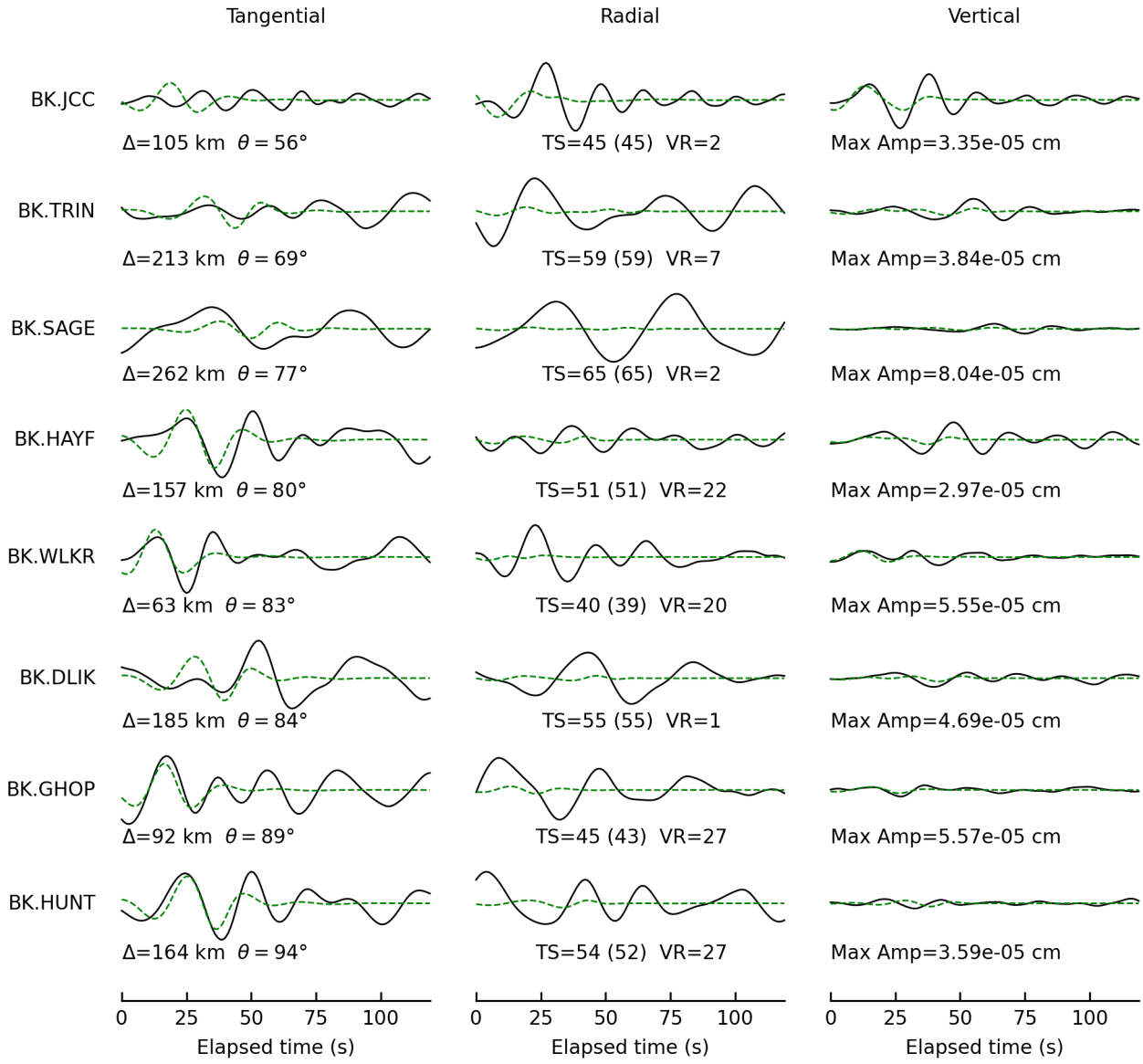

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 55°
TS=43 (43) VR=48
Max Amp=3.34e-05 cm
BK.TRIN
Δ=200 km θ = 69°
TS=59 (57) VR=5
Max Amp=3.84e-05 cm
BK.SAGE
Δ=249 km θ = 78°
TS=63 (63) VR=-0
Max Amp=7.97e-05 cm
BK.HAYF
Δ=144 km θ = 82°
TS=52 (50) VR=40
Max Amp=2.84e-05 cm
BK.DLIK
Δ=172 km θ = 85°
TS=57 (53) VR=4
Max Amp=4.71e-05 cm
BK.WLKR
Δ=51 km θ = 88°
TS=39 (37) VR=38
Max Amp=5.12e-05 cm
BK.GHOP
Δ=80 km θ = 93°
TS=44 (41) VR=5
Max Amp=5.39e-05 cm
BK.HUNT
Δ=152 km θ = 96°
TS=52 (51) VR=41
Max Amp=3.62e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

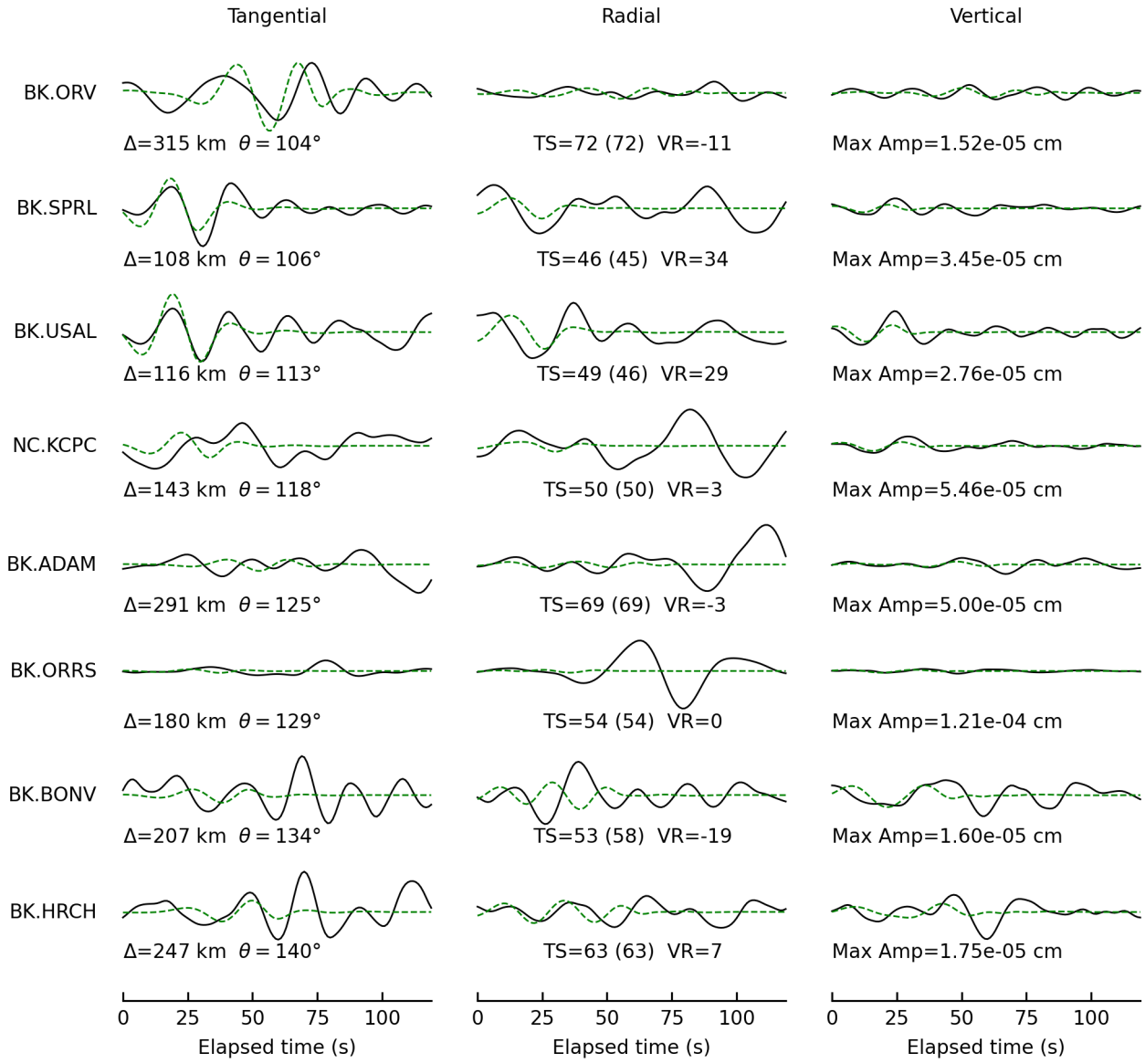

Tangential
Radial
Vertical
BK.ORV
Δ=305 km θ = 106°
TS=72 (71) VR=48
Max Amp=1.90e-05 cm
BK.SPRL
Δ=98 km θ = 111°
TS=43 (44) VR=40
Max Amp=2.81e-05 cm
BK.USAL
Δ=107 km θ = 118°
TS=44 (45) VR=41
Max Amp=2.26e-05 cm
NC.KCPC
Δ=136 km θ = 122°
TS=49 (49) VR=3
Max Amp=5.35e-05 cm
BK.ADAM
Δ=284 km θ = 128°
TS=69 (68) VR=1
Max Amp=5.26e-05 cm
BK.ORRS
Δ=174 km θ = 133°
TS=53 (54) VR=0
Max Amp=1.20e-04 cm
BK.BONV
Δ=202 km θ = 138°
TS=61 (57) VR=-16
Max Amp=1.62e-05 cm
BK.HRCH
Δ=244 km θ = 143°
TS=62 (63) VR=6
Max Amp=1.72e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104871
Depth = 17.0 km
Mw = 3.72
M0 = 4.78e+21 dyne-cm
Percent DC/CLVD/ISO = 58/42/0
sdr = (358,82,159) (92,69,9)
npts = 120 vred = 7.692 km/s
VR = 4.50% lune:11,0

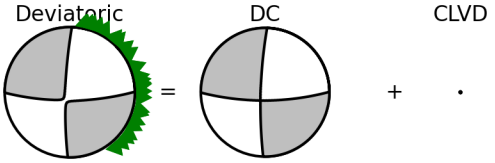


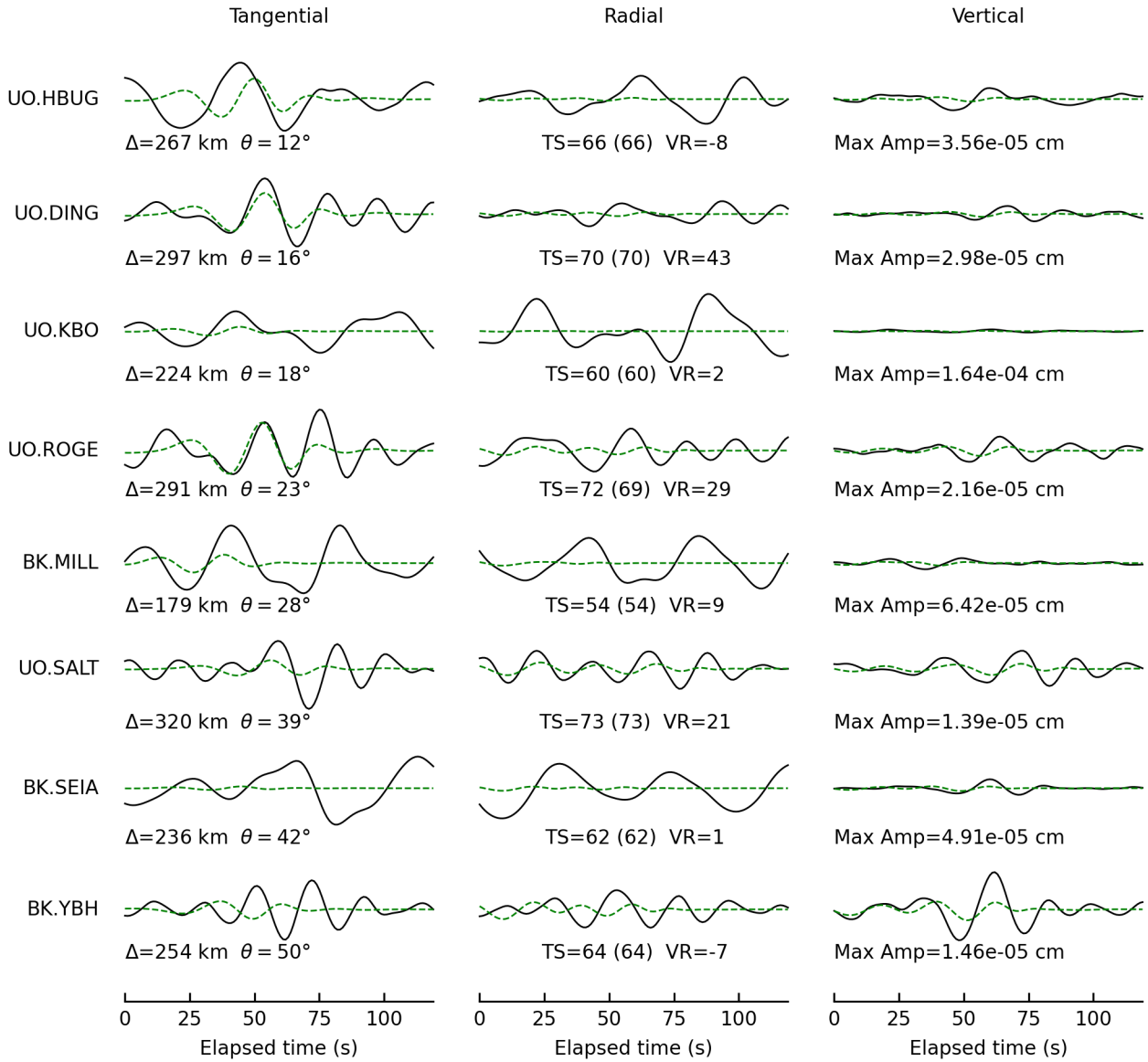


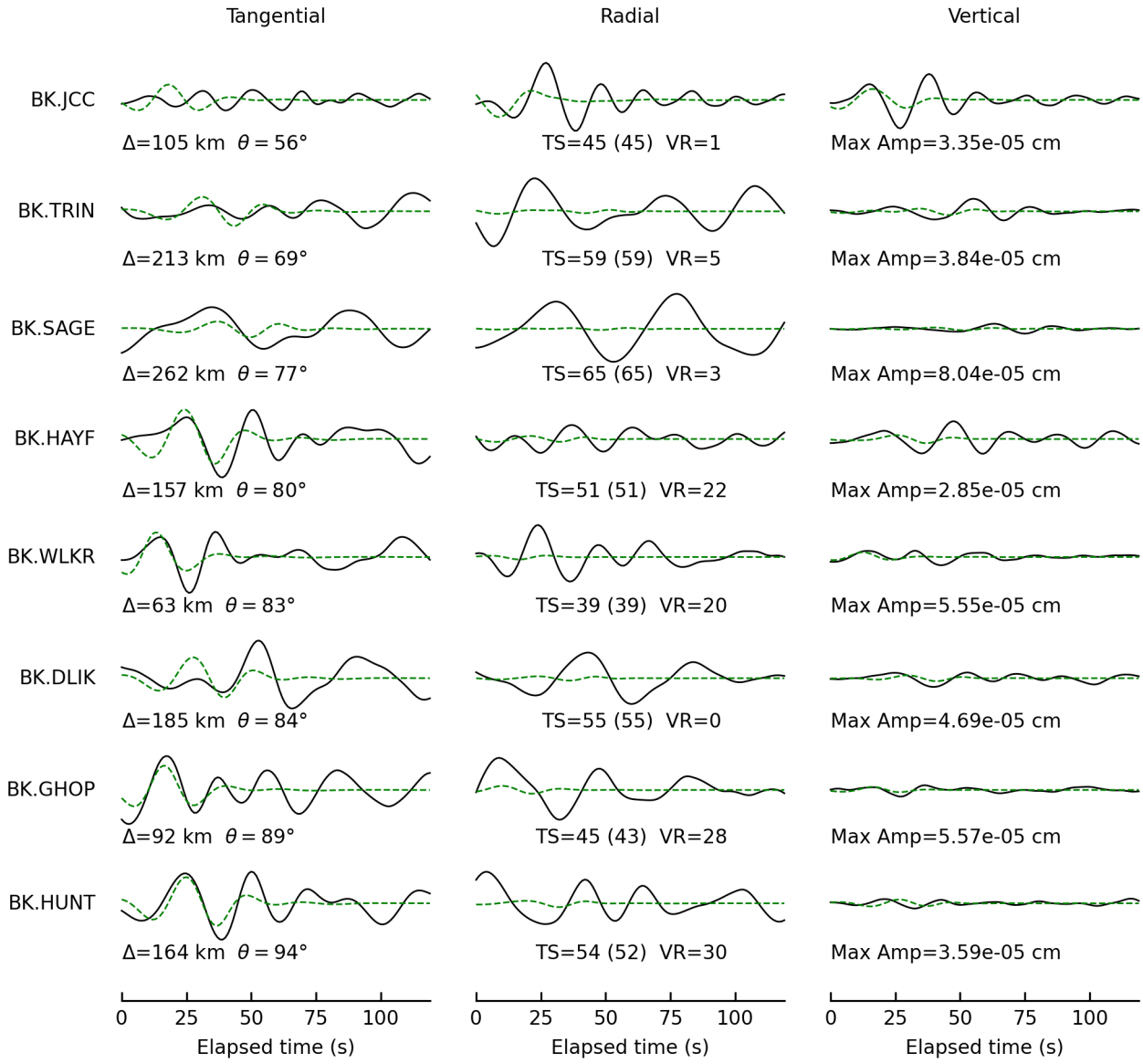

Tangential
Radial
Vertical
BK.JCC
Δ=105 km θ = 56°
TS=45 (45) VR=2
Max Amp=3.35e-05 cm
BK.TRIN
Δ=213 km θ = 69°
TS=59 (59) VR=7
Max Amp=3.84e-05 cm
BK.SAGE
Δ=262 km θ = 77°
TS=65 (65) VR=2
Max Amp=8.04e-05 cm
BK.HAYF
Δ=157 km θ = 80°
TS=51 (51) VR=22
Max Amp=2.97e-05 cm
BK.WLKR
Δ=63 km θ = 83°
TS=40 (39) VR=20
Max Amp=5.55e-05 cm
BK.DLIK
Δ=185 km θ = 84°
TS=55 (55) VR=1
Max Amp=4.69e-05 cm
BK.GHOP
Δ=92 km θ = 89°
TS=45 (43) VR=27
Max Amp=5.57e-05 cm
BK.HUNT
Δ=164 km θ = 94°
TS=54 (52) VR=27
Max Amp=3.59e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

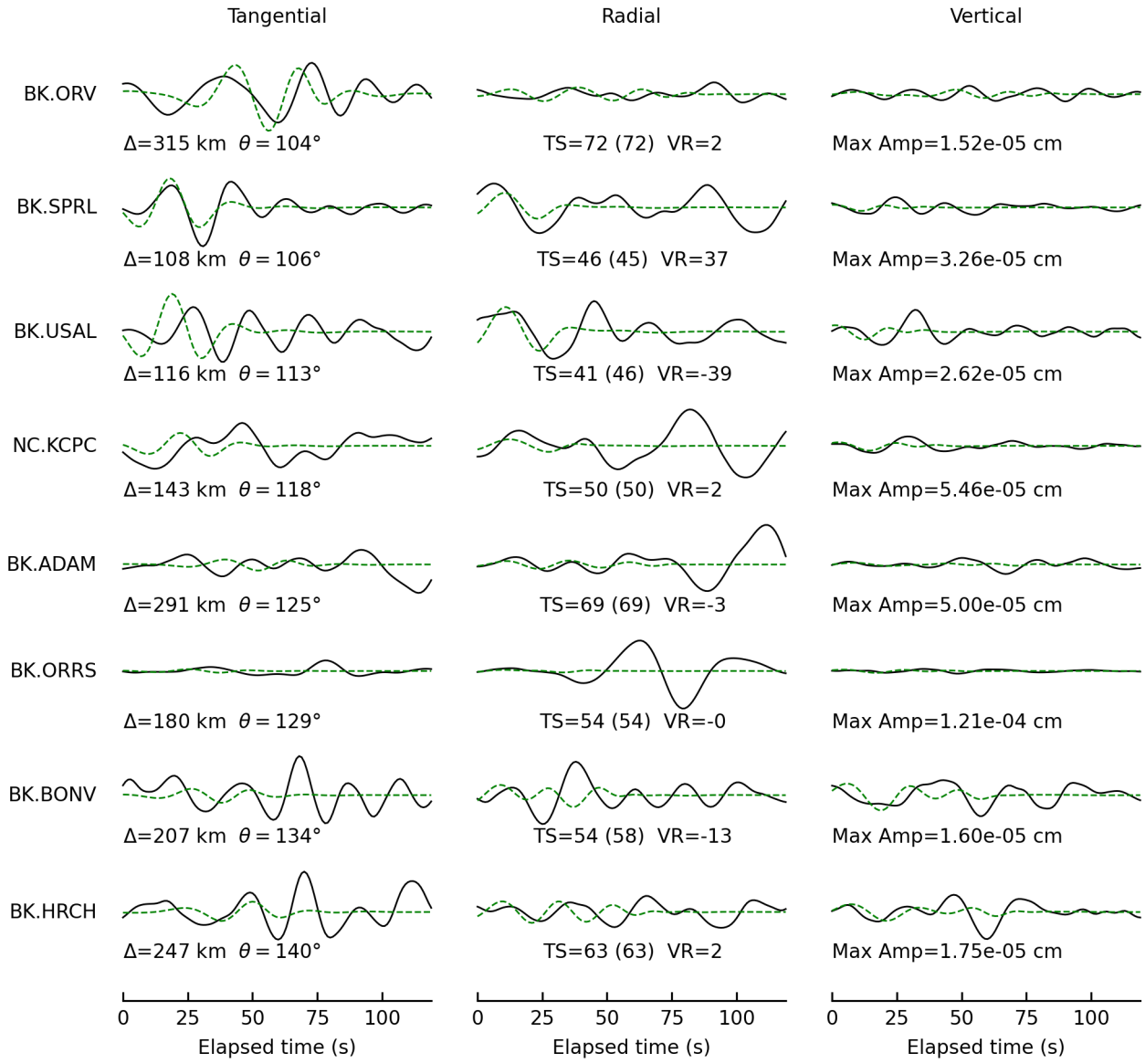

Tangential
Radial
Vertical
BK.ORV
Δ=315 km θ = 104°
TS=72 (72) VR=-11
Max Amp=1.52e-05 cm
BK.SPRL
Δ=108 km θ = 106°
TS=46 (45) VR=34
Max Amp=3.45e-05 cm
BK.USAL
Δ=116 km θ = 113°
TS=49 (46) VR=29
Max Amp=2.76e-05 cm
NC.KCPC
Δ=143 km θ = 118°
TS=50 (50) VR=3
Max Amp=5.46e-05 cm
BK.ADAM
Δ=291 km θ = 125°
TS=69 (69) VR=-3
Max Amp=5.00e-05 cm
BK.ORRS
Δ=180 km θ = 129°
TS=54 (54) VR=0
Max Amp=1.21e-04 cm
BK.BONV
Δ=207 km θ = 134°
TS=53 (58) VR=-19
Max Amp=1.60e-05 cm
BK.HRCH
Δ=247 km θ = 140°
TS=63 (63) VR=7
Max Amp=1.75e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75104871
Depth = 28.0 km
Mw = 3.80
M0 = 6.32e+21 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (90,75,-8) (182,82,-165)
npts = 120 vred = 7.692 km/s
VR = 4.03% lune:0,0

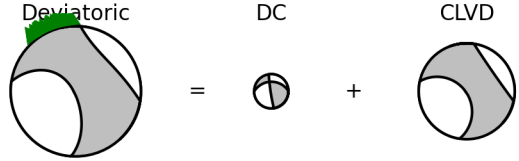


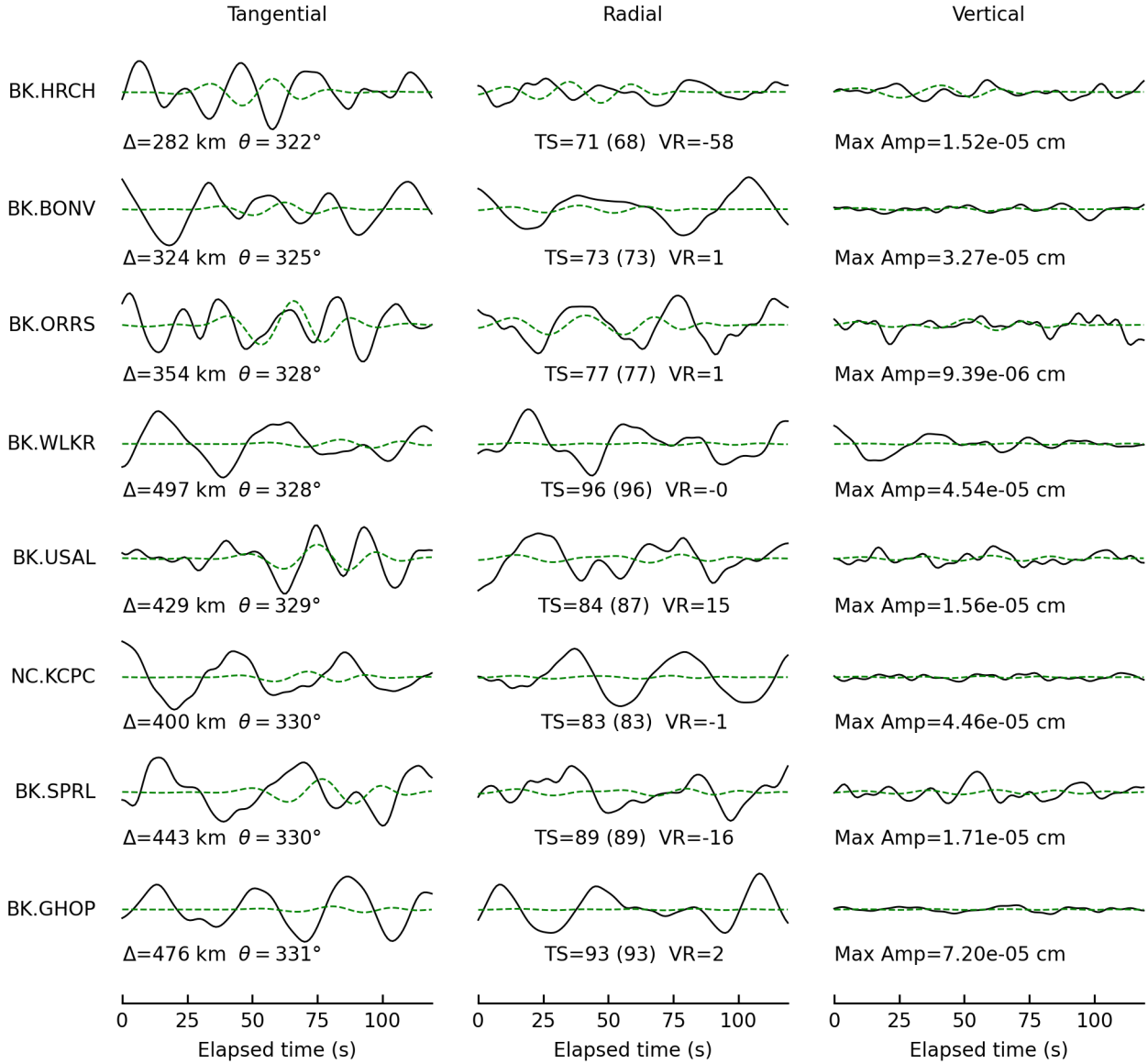


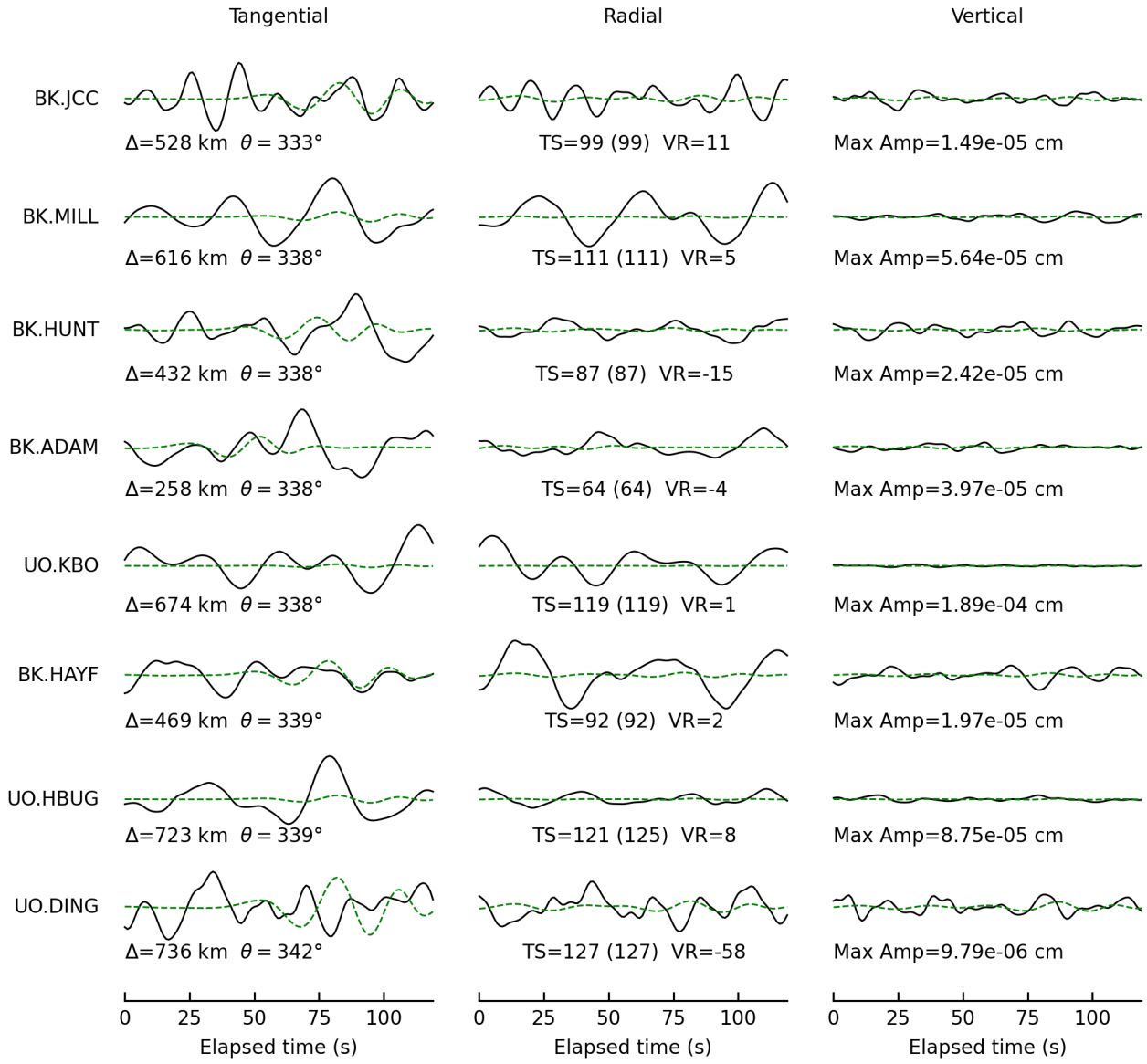

Tangential
Radial
Vertical
BK.JCC
Δ=105 km θ = 56°
TS=45 (45) VR=1
Max Amp=3.35e-05 cm
BK.TRIN
Δ=213 km θ = 69°
TS=59 (59) VR=5
Max Amp=3.84e-05 cm
BK.SAGE
Δ=262 km θ = 77°
TS=65 (65) VR=3
Max Amp=8.04e-05 cm
BK.HAYF
Δ=157 km θ = 80°
TS=51 (51) VR=22
Max Amp=2.85e-05 cm
BK.WLKR
Δ=63 km θ = 83°
TS=39 (39) VR=20
Max Amp=5.55e-05 cm
BK.DLIK
Δ=185 km θ = 84°
TS=55 (55) VR=0
Max Amp=4.69e-05 cm
BK.GHOP
Δ=92 km θ = 89°
TS=45 (43) VR=28
Max Amp=5.57e-05 cm
BK.HUNT
Δ=164 km θ = 94°
TS=54 (52) VR=30
Max Amp=3.59e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

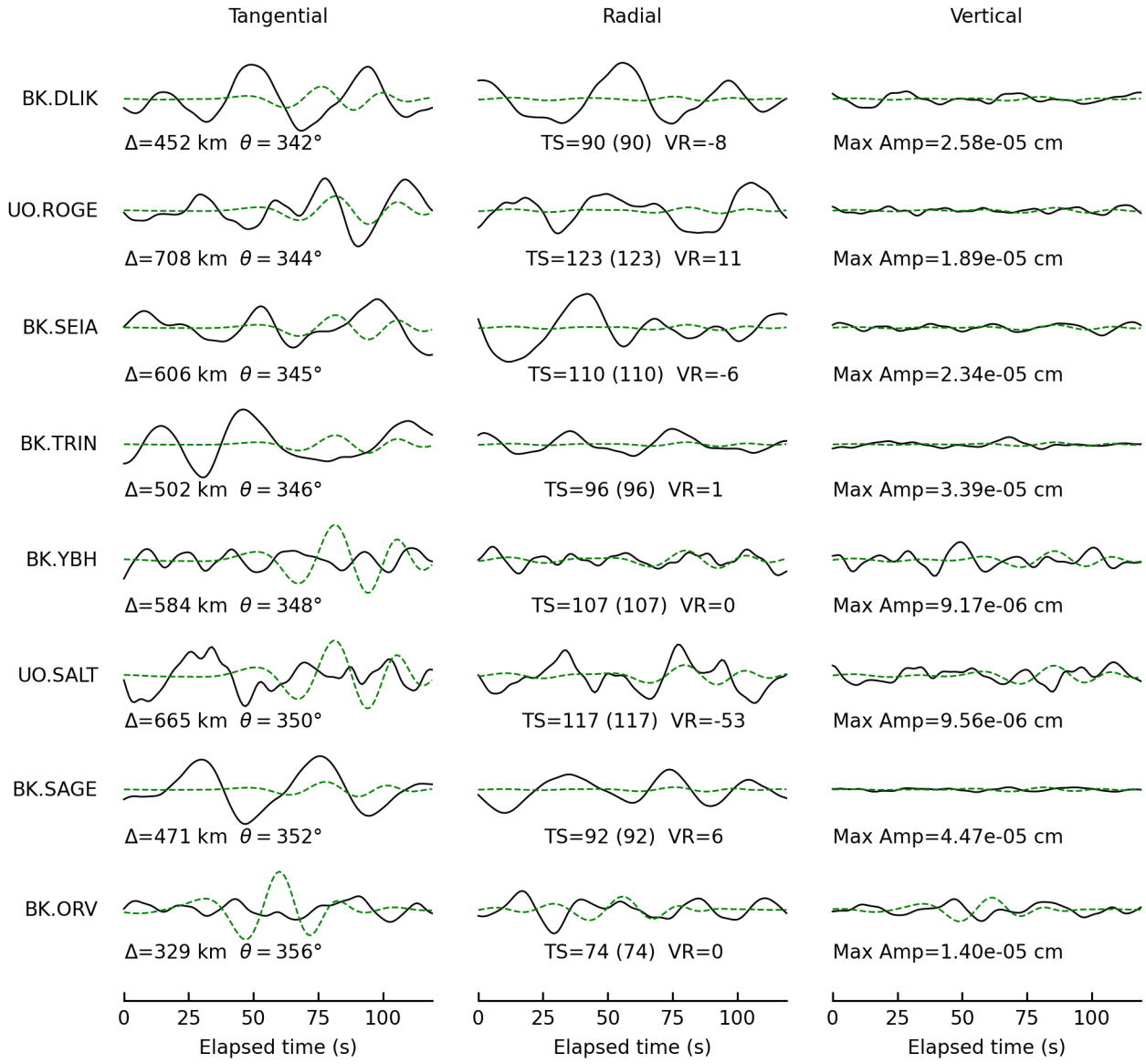

Tangential
Radial
Vertical
BK.ORV
Δ=315 km θ = 104°
TS=72 (72) VR=2
Max Amp=1.52e-05 cm
BK.SPRL
Δ=108 km θ = 106°
TS=46 (45) VR=37
Max Amp=3.26e-05 cm
BK.USAL
Δ=116 km θ = 113°
TS=41 (46) VR=-39
Max Amp=2.62e-05 cm
NC.KCPC
Δ=143 km θ = 118°
TS=50 (50) VR=2
Max Amp=5.46e-05 cm
BK.ADAM
Δ=291 km θ = 125°
TS=69 (69) VR=-3
Max Amp=5.00e-05 cm
BK.ORRS
Δ=180 km θ = 129°
TS=54 (54) VR=-0
Max Amp=1.21e-04 cm
BK.BONV
Δ=207 km θ = 134°
TS=54 (58) VR=-13
Max Amp=1.60e-05 cm
BK.HRCH
Δ=247 km θ = 140°
TS=63 (63) VR=2
Max Amp=1.75e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75106461
Depth = 39.0 km
Mw = 3.90
M0 = 8.66e+21 dyne-cm
Percent DC/CLVD/ISO = 26/74/0
sdr = (172,85,122) (269,32,9)
npts = 120 vred = 7.692 km/s
VR = 1.20% lune:21,0

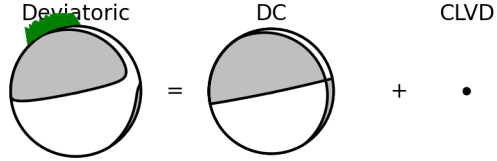


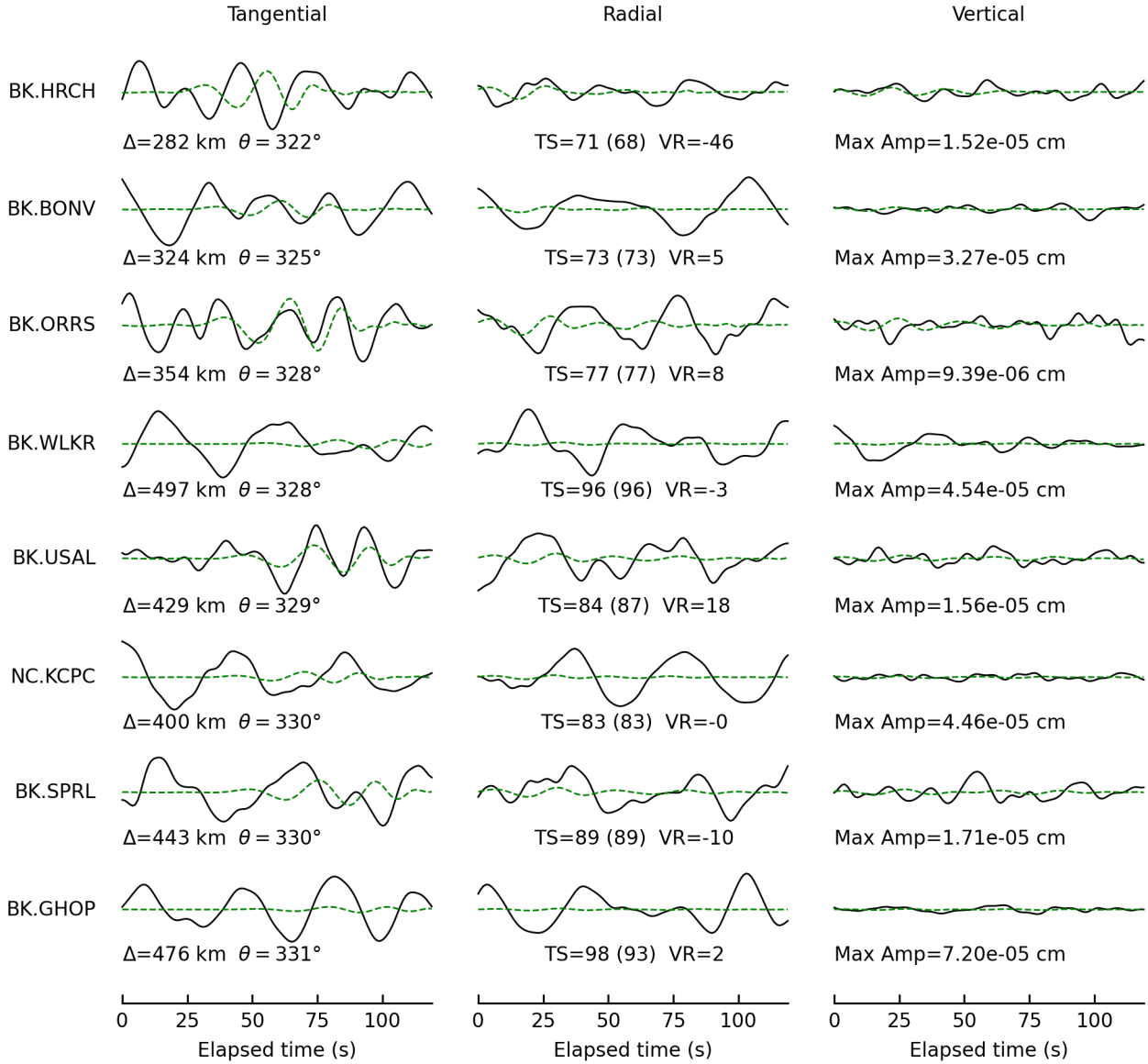


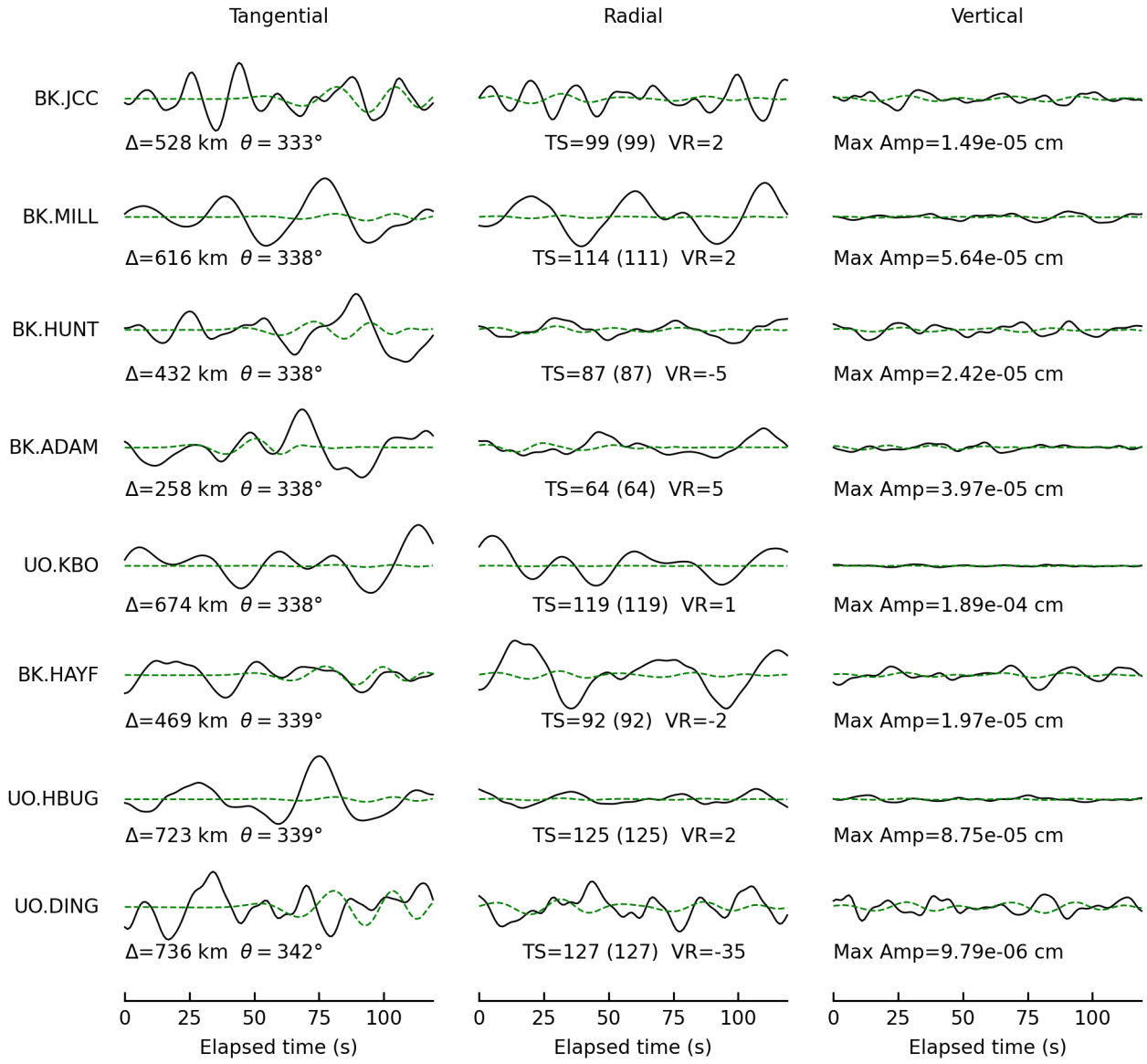

Tangential
Radial
Vertical
BK.JCC
Δ=528 km θ = 333°
TS=99 (99) VR=11
Max Amp=1.49e-05 cm
BK.MILL
Δ=616 km θ = 338°
TS=111 (111) VR=5
Max Amp=5.64e-05 cm
BK.HUNT
Δ=432 km θ = 338°
TS=87 (87) VR=-15
Max Amp=2.42e-05 cm
BK.ADAM
Δ=258 km θ = 338°
TS=64 (64) VR=-4
Max Amp=3.97e-05 cm
UO.KBO
Δ=674 km θ = 338°
TS=119 (119) VR=1
Max Amp=1.89e-04 cm
BK.HAYF
Δ=469 km θ = 339°
TS=92 (92) VR=2
Max Amp=1.97e-05 cm
UO.HBUG
Δ=723 km θ = 339°
TS=121 (125) VR=8
Max Amp=8.75e-05 cm
UO.DING
Δ=736 km θ = 342°
TS=127 (127) VR=-58
Max Amp=9.79e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

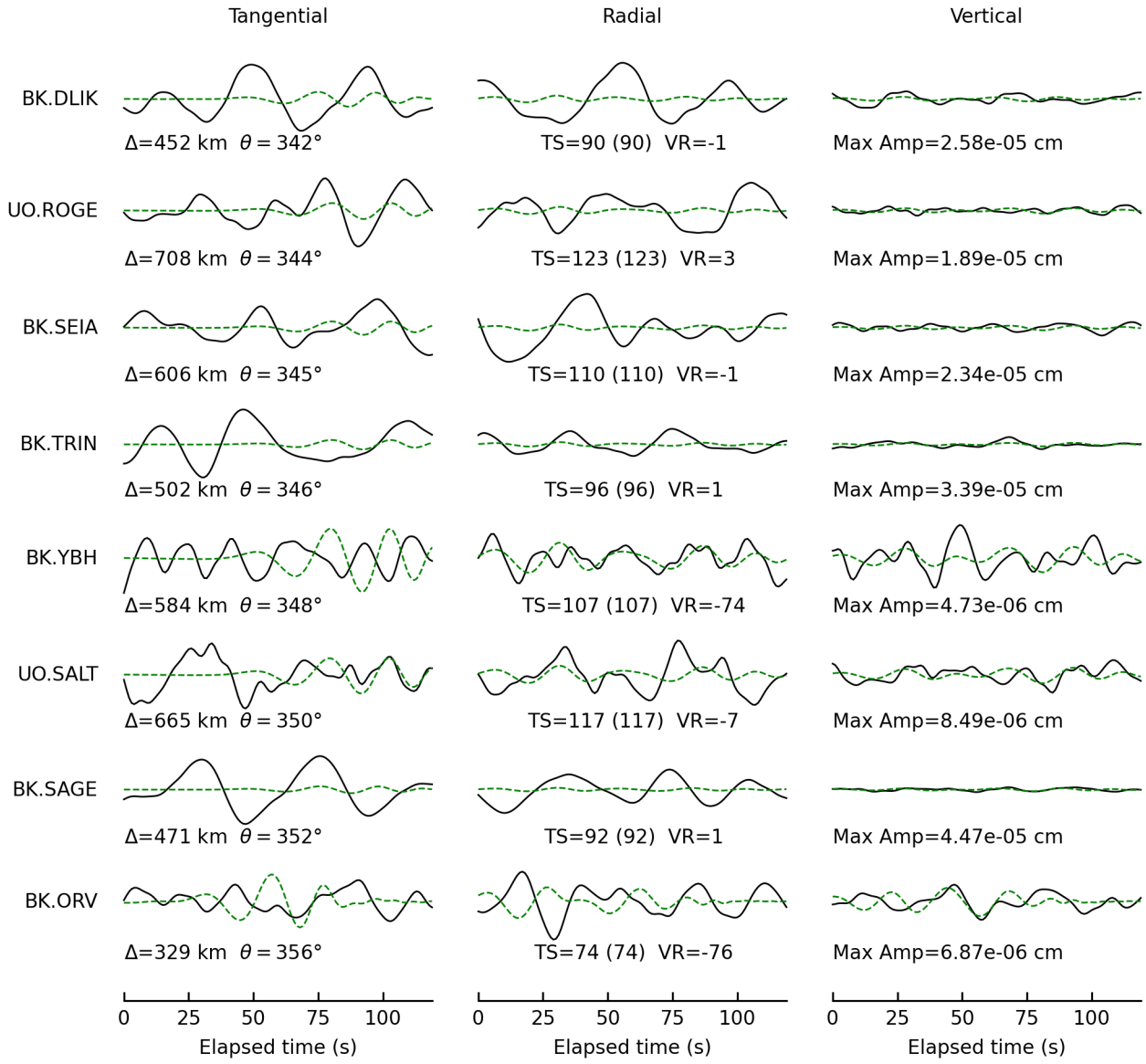

Tangential
Radial
Vertical
BK.DLIK
Δ=452 km θ = 342°
TS=90 (90) VR=-8
Max Amp=2.58e-05 cm
UO.ROGE
Δ=708 km θ = 344°
TS=123 (123) VR=11
Max Amp=1.89e-05 cm
BK.SEIA
Δ=606 km θ = 345°
TS=110 (110) VR=-6
Max Amp=2.34e-05 cm
BK.TRIN
Δ=502 km θ = 346°
TS=96 (96) VR=1
Max Amp=3.39e-05 cm
BK.YBH
Δ=584 km θ = 348°
TS=107 (107) VR=0
Max Amp=9.17e-06 cm
UO.SALT
Δ=665 km θ = 350°
TS=117 (117) VR=-53
Max Amp=9.56e-06 cm
BK.SAGE
Δ=471 km θ = 352°
TS=92 (92) VR=6
Max Amp=4.47e-05 cm
BK.ORV
Δ=329 km θ = 356°
TS=74 (74) VR=0
Max Amp=1.40e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75106461
Depth = 2.0 km
Mw = 3.87
M0 = 7.95e+21 dyne-cm
Percent DC/CLVD/ISO = 96/4/0
sdr = (328,7,159) (78,87,83)
npts = 120 vred = 7.692 km/s
VR = 0.72% lune:-1,0

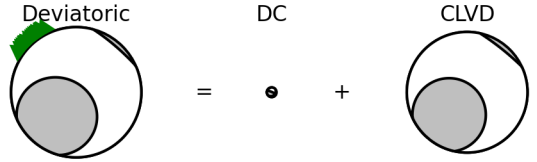





Tangential
Radial
Vertical
BK.JCC
Δ=528 km θ = 333°
TS=99 (99) VR=2
Max Amp=1.49e-05 cm
BK.MILL
Δ=616 km θ = 338°
TS=114 (111) VR=2
Max Amp=5.64e-05 cm
BK.HUNT
Δ=432 km θ = 338°
TS=87 (87) VR=-5
Max Amp=2.42e-05 cm
BK.ADAM
Δ=258 km θ = 338°
TS=64 (64) VR=5
Max Amp=3.97e-05 cm
UO.KBO
Δ=674 km θ = 338°
TS=119 (119) VR=1
Max Amp=1.89e-04 cm
BK.HAYF
Δ=469 km θ = 339°
TS=92 (92) VR=-2
Max Amp=1.97e-05 cm
UO.HBUG
Δ=723 km θ = 339°
TS=125 (125) VR=2
Max Amp=8.75e-05 cm
UO.DING
Δ=736 km θ = 342°
TS=127 (127) VR=-35
Max Amp=9.79e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.DLIK
Δ=452 km θ = 342°
TS=90 (90) VR=-1
Max Amp=2.58e-05 cm
UO.ROGE
Δ=708 km θ = 344°
TS=123 (123) VR=3
Max Amp=1.89e-05 cm
BK.SEIA
Δ=606 km θ = 345°
TS=110 (110) VR=-1
Max Amp=2.34e-05 cm
BK.TRIN
Δ=502 km θ = 346°
TS=96 (96) VR=1
Max Amp=3.39e-05 cm
BK.YBH
Δ=584 km θ = 348°
TS=107 (107) VR=-74
Max Amp=4.73e-06 cm
UO.SALT
Δ=665 km θ = 350°
TS=117 (117) VR=-7
Max Amp=8.49e-06 cm
BK.SAGE
Δ=471 km θ = 352°
TS=92 (92) VR=1
Max Amp=4.47e-05 cm
BK.ORV
Δ=329 km θ = 356°
TS=74 (74) VR=-76
Max Amp=6.87e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75106741
Depth = 39.0 km
Mw = 4.11
M0 = 1.80e+22 dyne-cm
Percent DC/CLVD/ISO = 7/93/0
sdr = (293,83,104) (48,16,26)
npts = 120 vred = 7.692 km/s
VR = 0.91% lune:-28,0



Tangential | Radial | Vertical

BK.HRCH
Δ=559 km θ = 305°
TS=104 (104) VR=-11
Max Amp=1.04e-04 cm

BK.BONV
Δ=592 km θ = 309°
TS=108 (108) VR=2
Max Amp=1.12e-04 cm

BK.ORRS
Δ=617 km θ = 311°
TS=111 (111) VR=-4
Max Amp=2.37e-05 cm

BK.ADAM
Δ=506 km θ = 312°
TS=97 (97) VR=-17
Max Amp=3.37e-05 cm

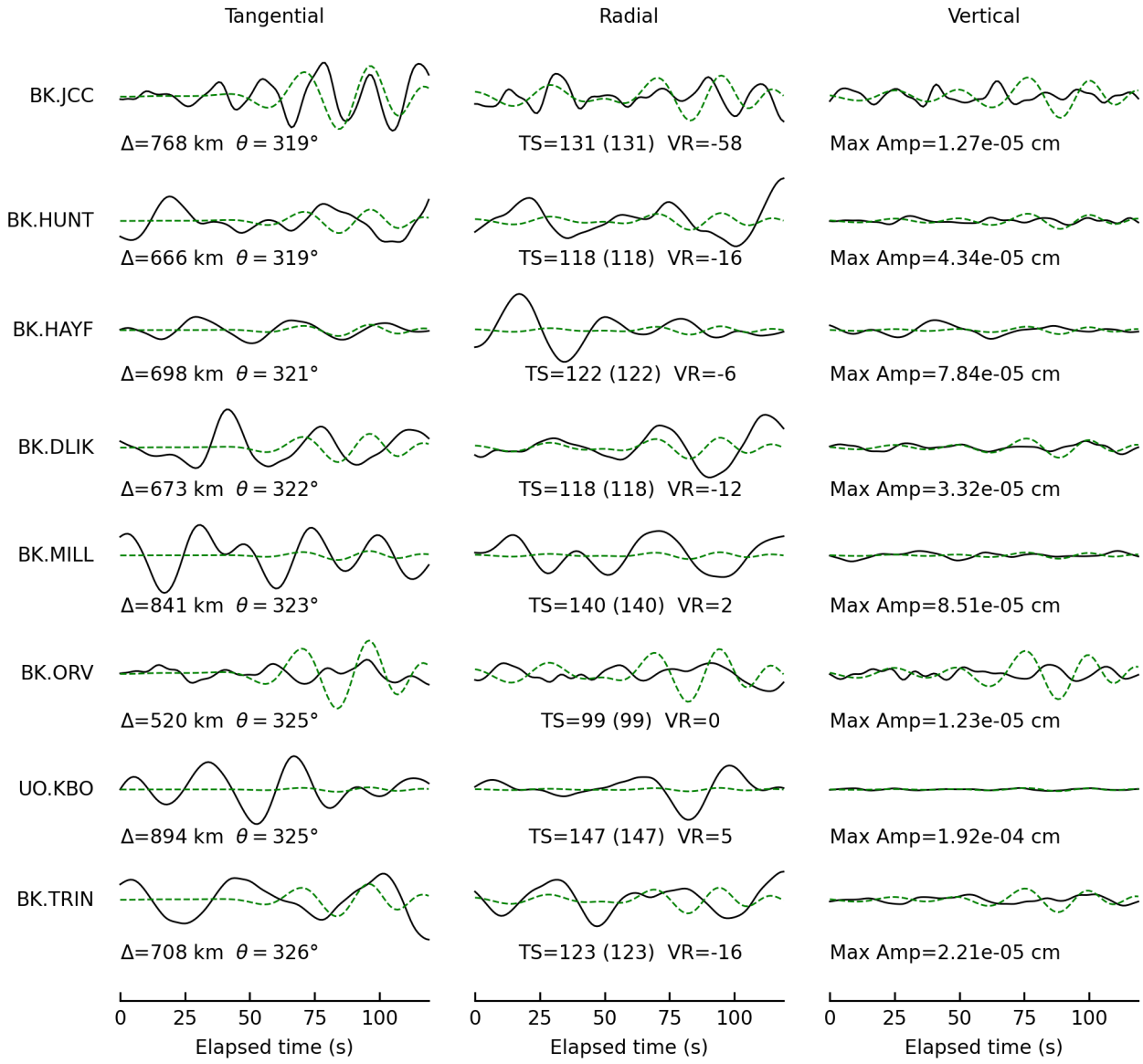
BK.USAL
Δ=685 km θ = 313°
TS=120 (120) VR=-10
Max Amp=4.20e-05 cm

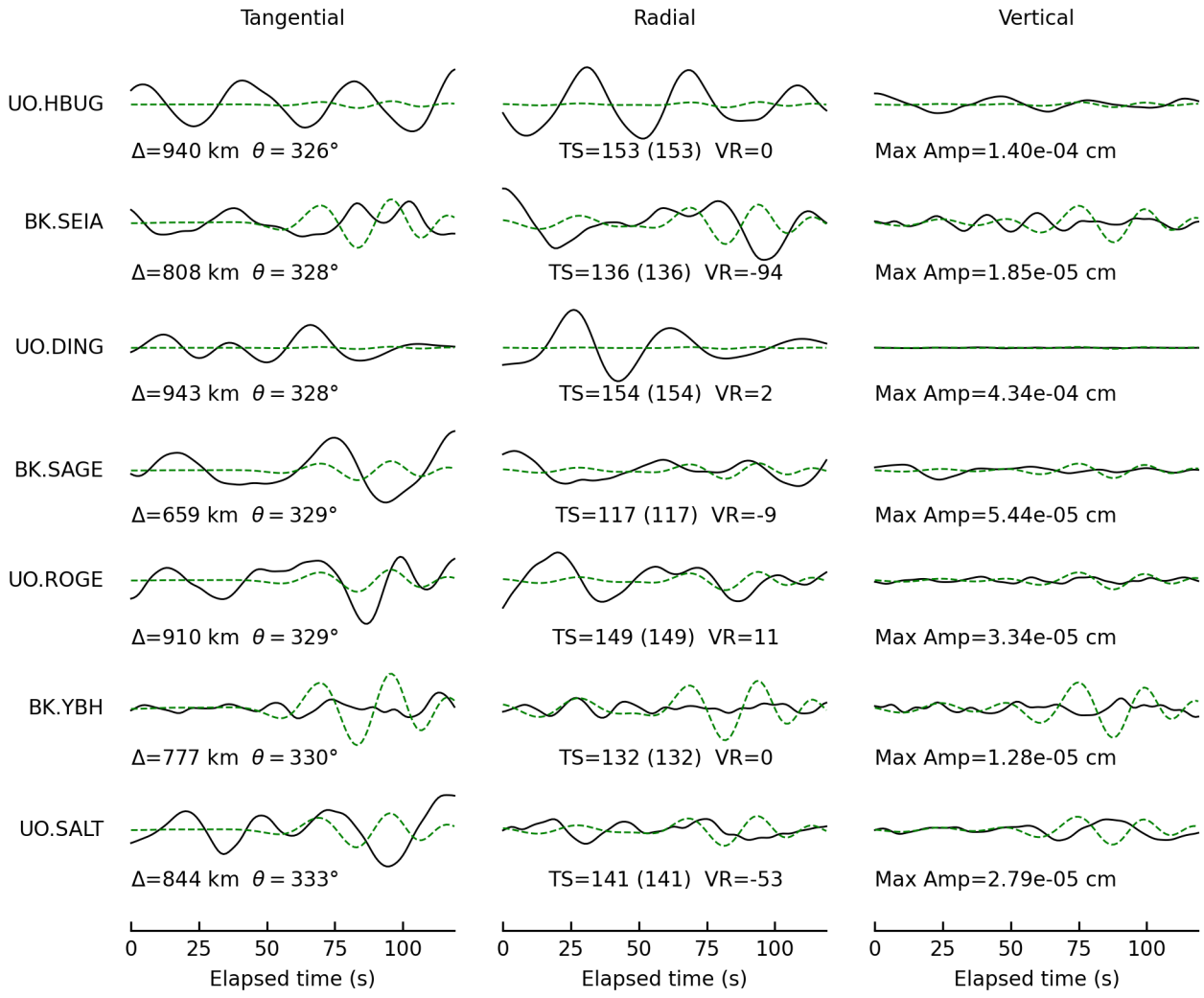
BK.SPRL
Δ=697 km θ = 314°
TS=122 (122) VR=-2
Max Amp=9.98e-05 cm

BK.WLKR
Δ=752 km θ = 314°
TS=129 (129) VR=-0
Max Amp=1.02e-04 cm

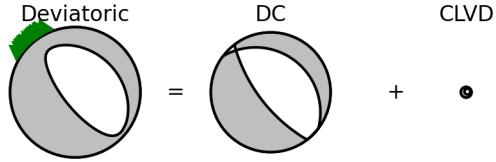
BK.GHOP
Δ=726 km θ = 316°
TS=125 (125) VR=-0
Max Amp=1.45e-04 cm

0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.JCC
Δ=768 km θ = 319°
TS=131 (131) VR=-58
Max Amp=1.27e-05 cm
BK.HUNT
Δ=666 km θ = 319°
TS=118 (118) VR=-16
Max Amp=4.34e-05 cm
BK.HAYF
Δ=698 km θ = 321°
TS=122 (122) VR=-6
Max Amp=7.84e-05 cm
BK.DLIK
Δ=673 km θ = 322°
TS=118 (118) VR=-12
Max Amp=3.32e-05 cm
BK.MILL
Δ=841 km θ = 323°
TS=140 (140) VR=2
Max Amp=8.51e-05 cm
BK.ORV
Δ=520 km θ = 325°
TS=99 (99) VR=0
Max Amp=1.23e-05 cm
UO.KBO
Δ=894 km θ = 325°
TS=147 (147) VR=5
Max Amp=1.92e-04 cm
BK.TRIN
Δ=708 km θ = 326°
TS=123 (123) VR=-16
Max Amp=2.21e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
UO.HBUG
Δ=940 km θ = 326°
TS=153 (153) VR=0
Max Amp=1.40e-04 cm
BK.SEIA
Δ=808 km θ = 328°
TS=136 (136) VR=-94
Max Amp=1.85e-05 cm
UO.DING
Δ=943 km θ = 328°
TS=154 (154) VR=2
Max Amp=4.34e-04 cm
BK.SAGE
Δ=659 km θ = 329°
TS=117 (117) VR=-9
Max Amp=5.44e-05 cm
UO.ROGE
Δ=910 km θ = 329°
TS=149 (149) VR=11
Max Amp=3.34e-05 cm
BK.YBH
Δ=777 km θ = 330°
TS=132 (132) VR=0
Max Amp=1.28e-05 cm
UO.SALT
Δ=844 km θ = 333°
TS=141 (141) VR=-53
Max Amp=2.79e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75106741
Depth = 5.0 km
Mw = 3.93
M0 = 9.68e+21 dyne-cm
Percent DC/CLVD/ISO = 92/8/0
sdr = (143,68,-84) (307,23,-104)
npts = 120 vred = 7.692 km/s
VR = 0.34% lune:2,0



Tangential | Radial | Vertical

BK.HRCH
Δ=559 km θ = 305° | TS=104 (104) VR=-6 | Max Amp=1.04e-04 cm

BK.BONV
Δ=592 km θ = 309° | TS=108 (108) VR=1 | Max Amp=1.12e-04 cm

BK.ORRS
Δ=617 km θ = 311° | TS=111 (111) VR=1 | Max Amp=2.37e-05 cm

BK.ADAM
Δ=506 km θ = 312° | TS=97 (97) VR=-7 | Max Amp=3.37e-05 cm

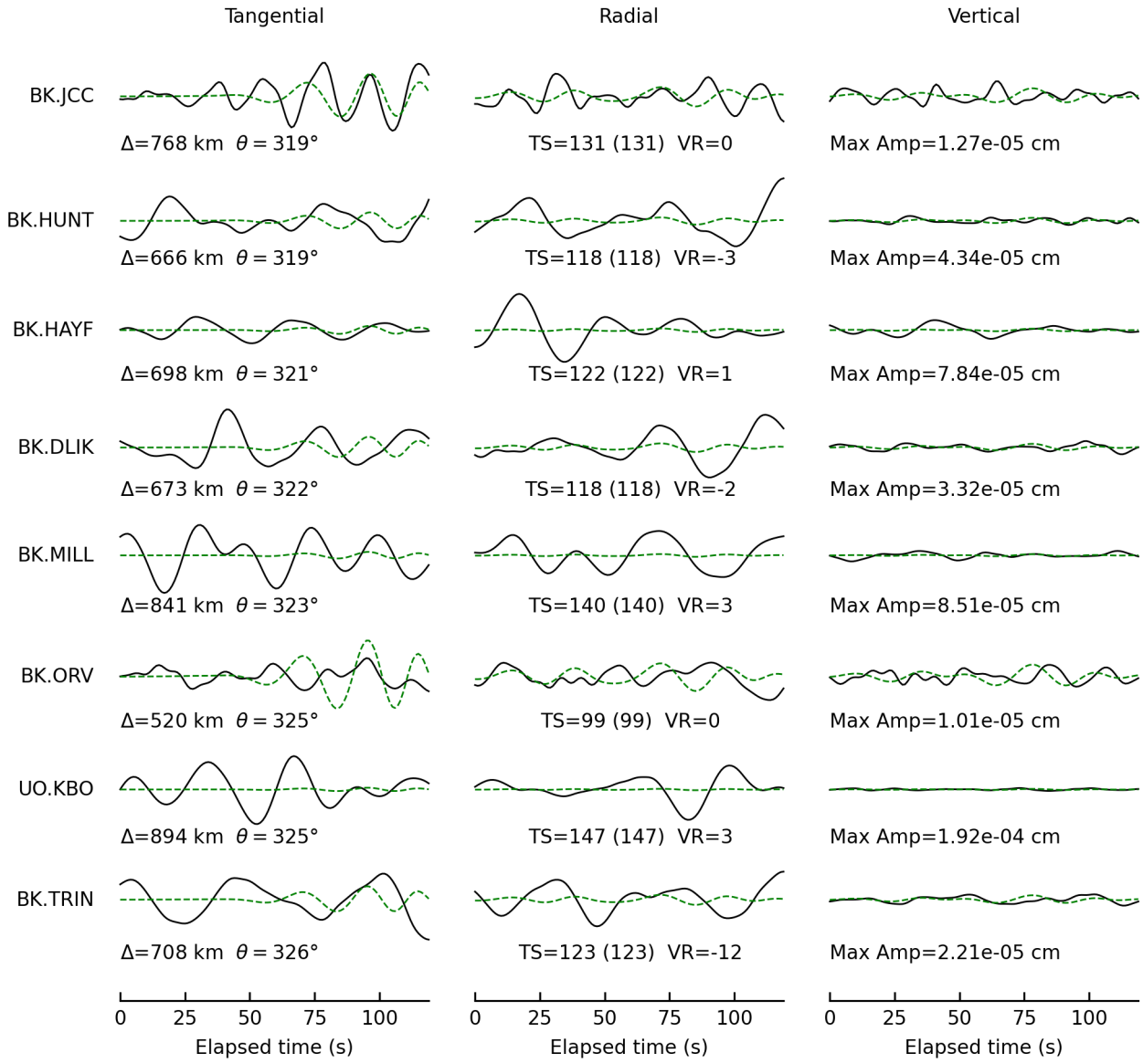
BK.USAL
Δ=685 km θ = 313° | TS=120 (120) VR=-1 | Max Amp=4.20e-05 cm

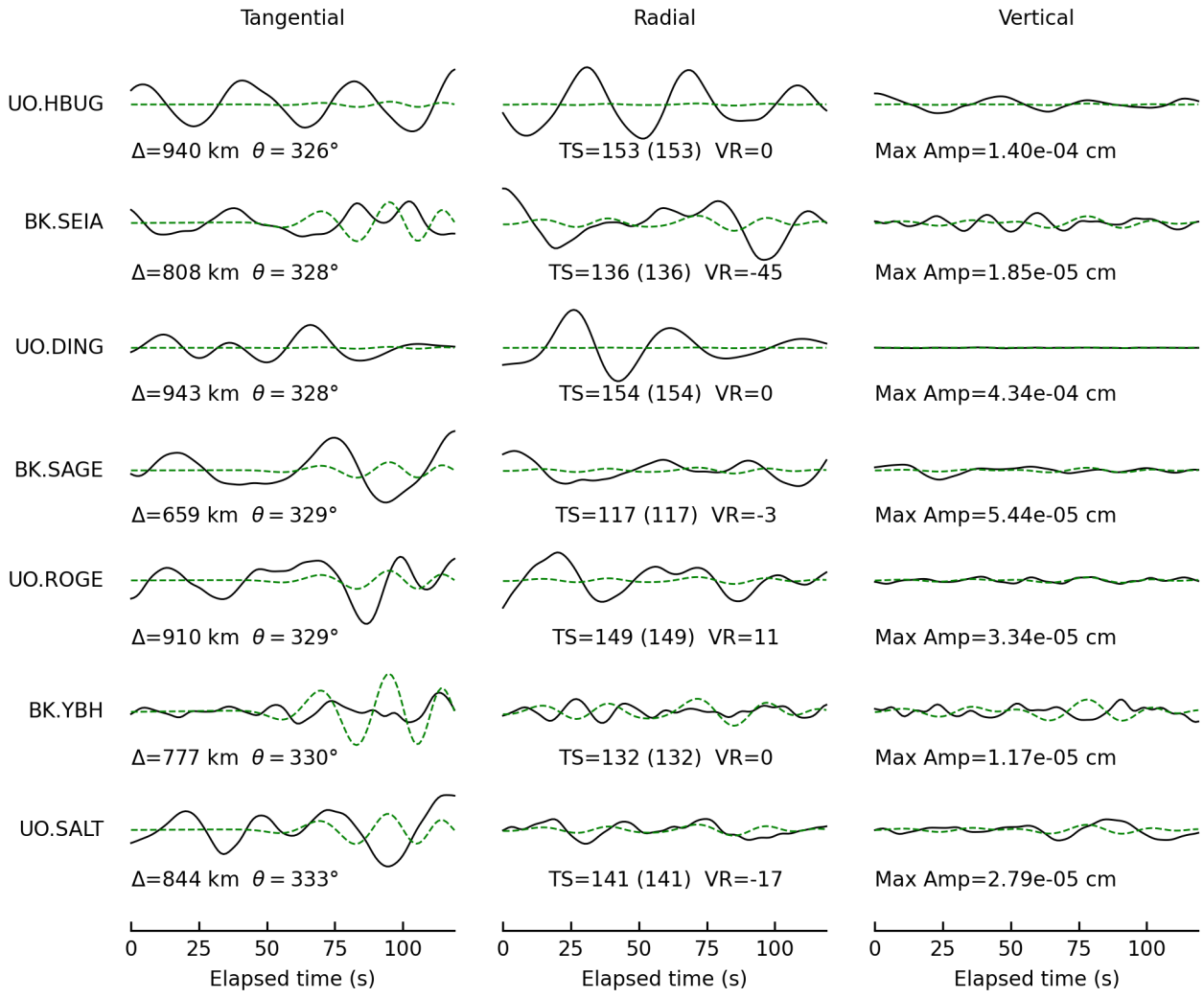
BK.SPRL
Δ=697 km θ = 314° | TS=122 (122) VR=-1 | Max Amp=9.98e-05 cm

BK.WLKR
Δ=752 km θ = 314° | TS=129 (129) VR=-0 | Max Amp=1.02e-04 cm

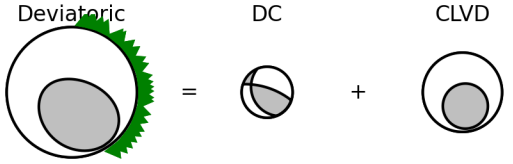
BK.GHOP
Δ=726 km θ = 316° | TS=125 (125) VR=-1 | Max Amp=1.45e-04 cm

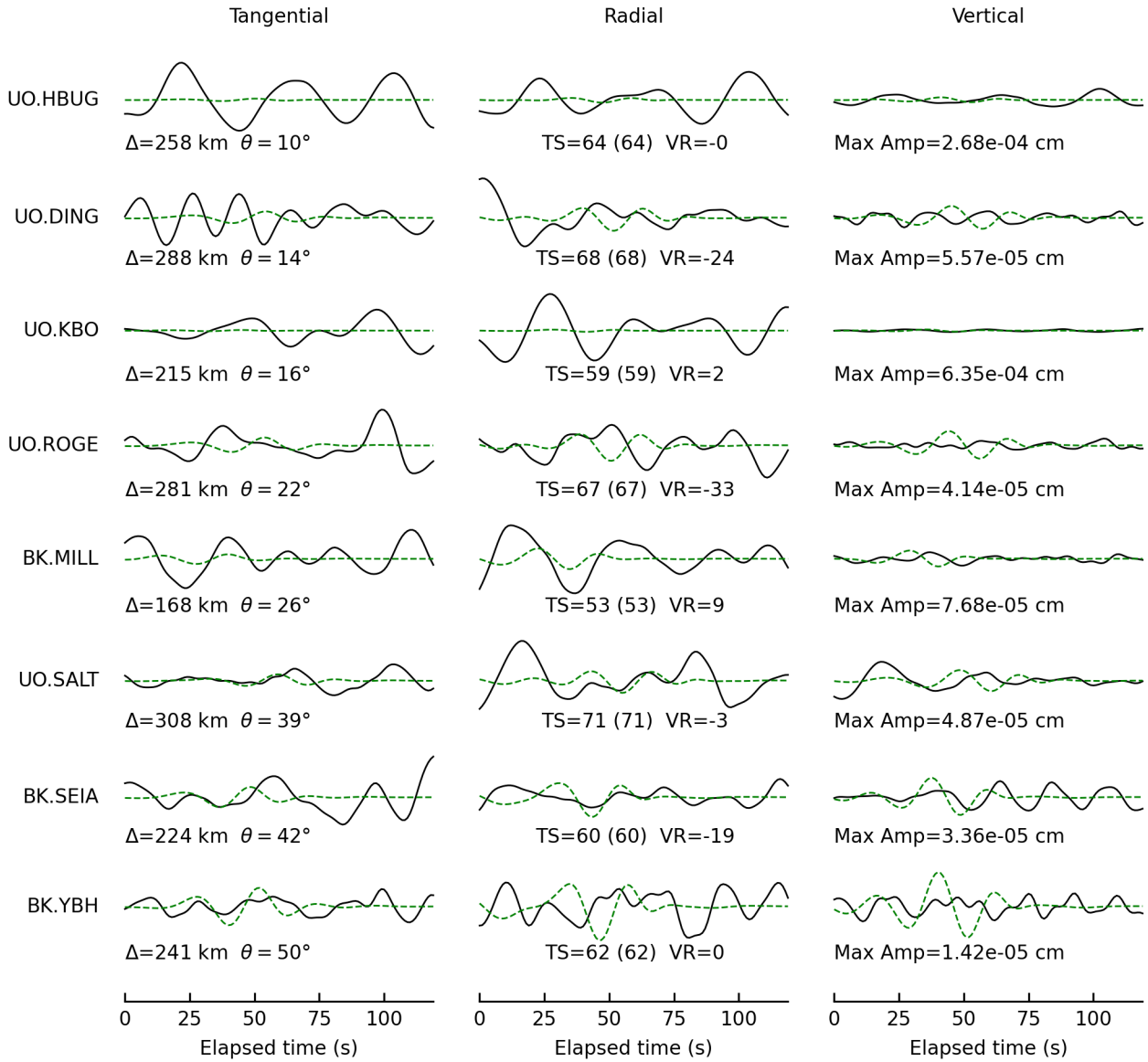
0 25 50 75 100
Elapsed time (s)

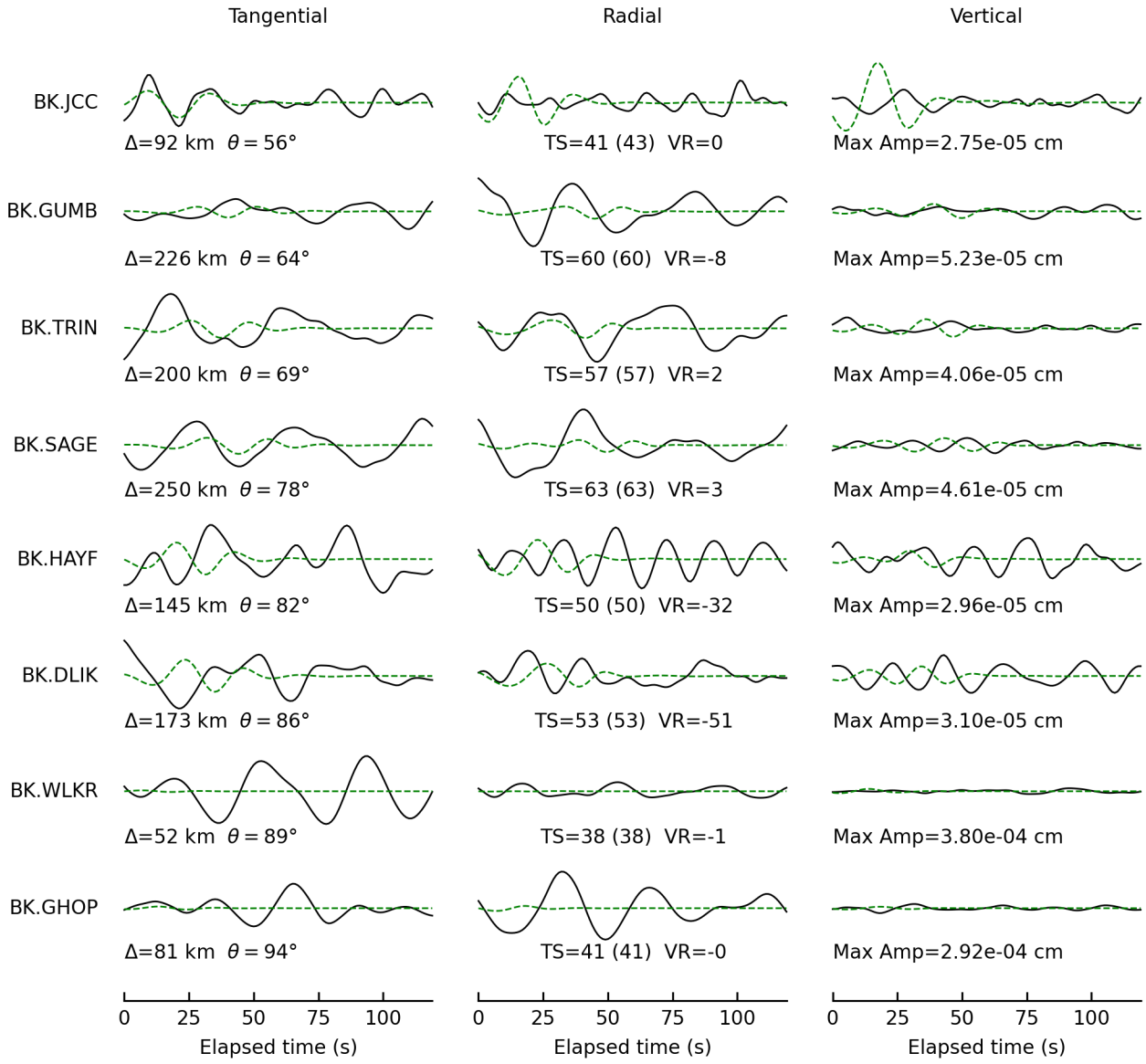

Tangential
Radial
Vertical
BK.JCC
Δ=768 km θ = 319°
TS=131 (131) VR=0
Max Amp=1.27e-05 cm
BK.HUNT
Δ=666 km θ = 319°
TS=118 (118) VR=-3
Max Amp=4.34e-05 cm
BK.HAYF
Δ=698 km θ = 321°
TS=122 (122) VR=1
Max Amp=7.84e-05 cm
BK.DLIK
Δ=673 km θ = 322°
TS=118 (118) VR=-2
Max Amp=3.32e-05 cm
BK.MILL
Δ=841 km θ = 323°
TS=140 (140) VR=3
Max Amp=8.51e-05 cm
BK.ORV
Δ=520 km θ = 325°
TS=99 (99) VR=0
Max Amp=1.01e-05 cm
UO.KBO
Δ=894 km θ = 325°
TS=147 (147) VR=3
Max Amp=1.92e-04 cm
BK.TRIN
Δ=708 km θ = 326°
TS=123 (123) VR=-12
Max Amp=2.21e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

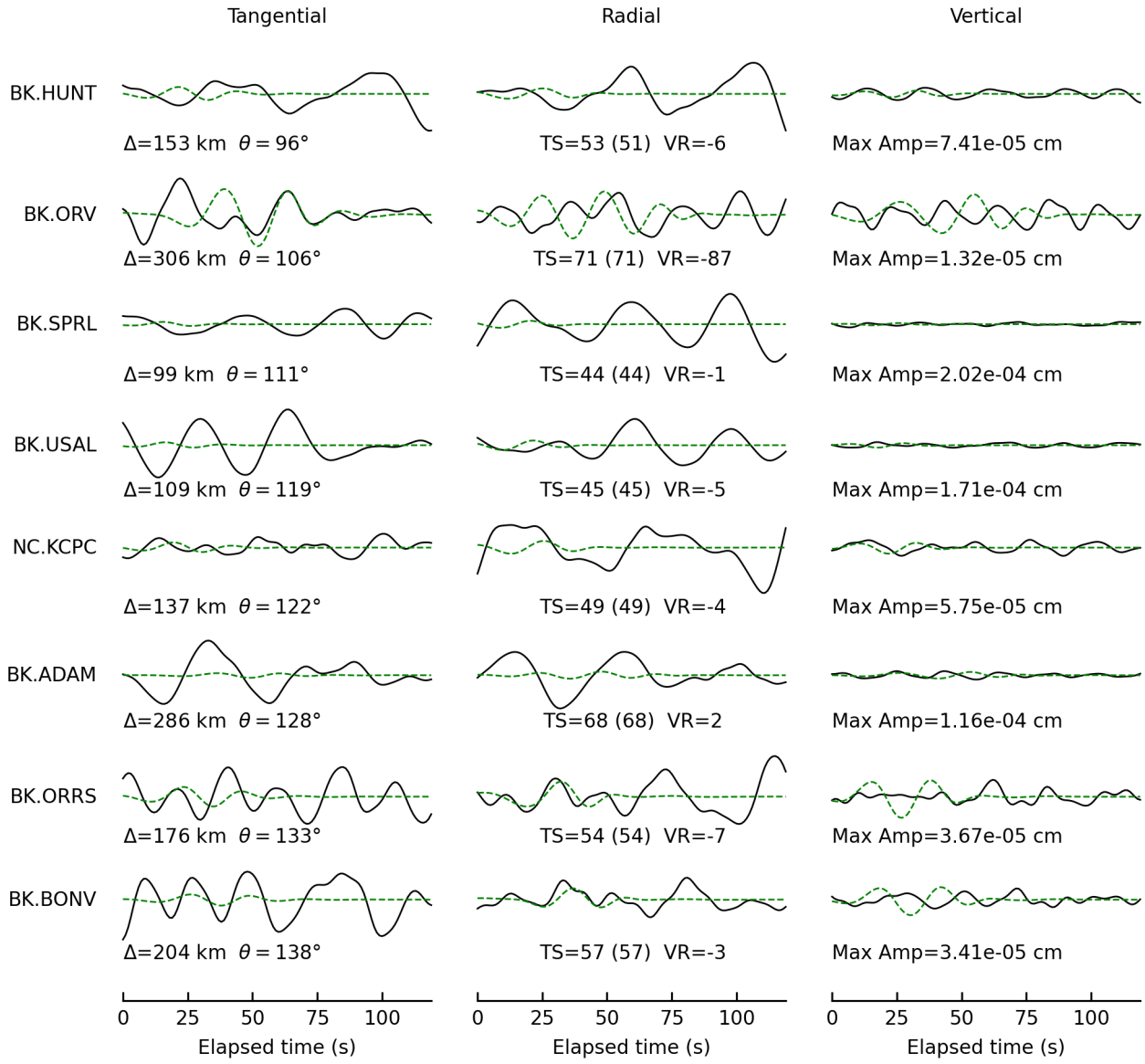

Tangential
Radial
Vertical
UO.HBUG
Δ=940 km θ = 326°
TS=153 (153) VR=0
Max Amp=1.40e-04 cm
BK.SEIA
Δ=808 km θ = 328°
TS=136 (136) VR=-45
Max Amp=1.85e-05 cm
UO.DING
Δ=943 km θ = 328°
TS=154 (154) VR=0
Max Amp=4.34e-04 cm
BK.SAGE
Δ=659 km θ = 329°
TS=117 (117) VR=-3
Max Amp=5.44e-05 cm
UO.ROGE
Δ=910 km θ = 329°
TS=149 (149) VR=11
Max Amp=3.34e-05 cm
BK.YBH
Δ=777 km θ = 330°
TS=132 (132) VR=0
Max Amp=1.17e-05 cm
UO.SALT
Δ=844 km θ = 333°
TS=141 (141) VR=-17
Max Amp=2.79e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

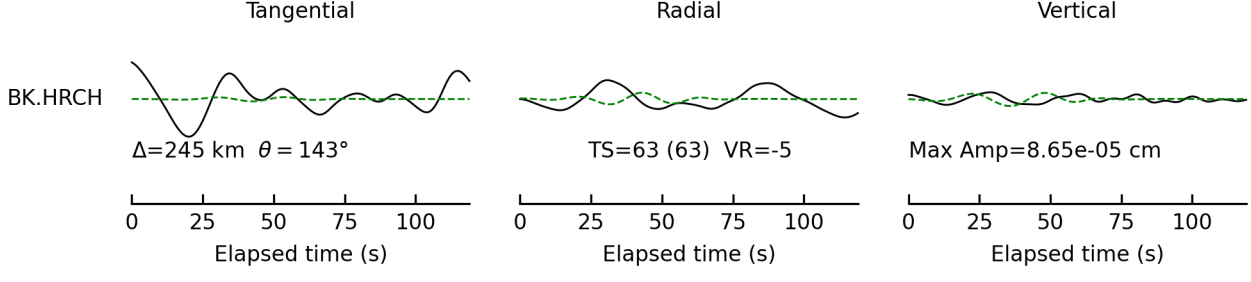
Deviatoric Moment Tensor Inversion
Evid = 75107241
Depth = 37.0 km
Mw = 3.96
M0 = 1.09e+22 dyne-cm
Percent DC/CLVD/ISO = 39/61/0
sdr = (158,29,135) (288,70,69)
npts = 120 vred = 7.692 km/s
VR = 0.72% lune:-17,0



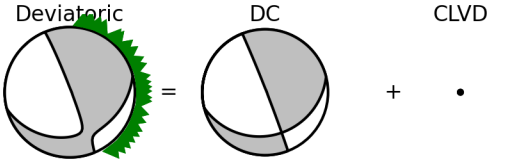


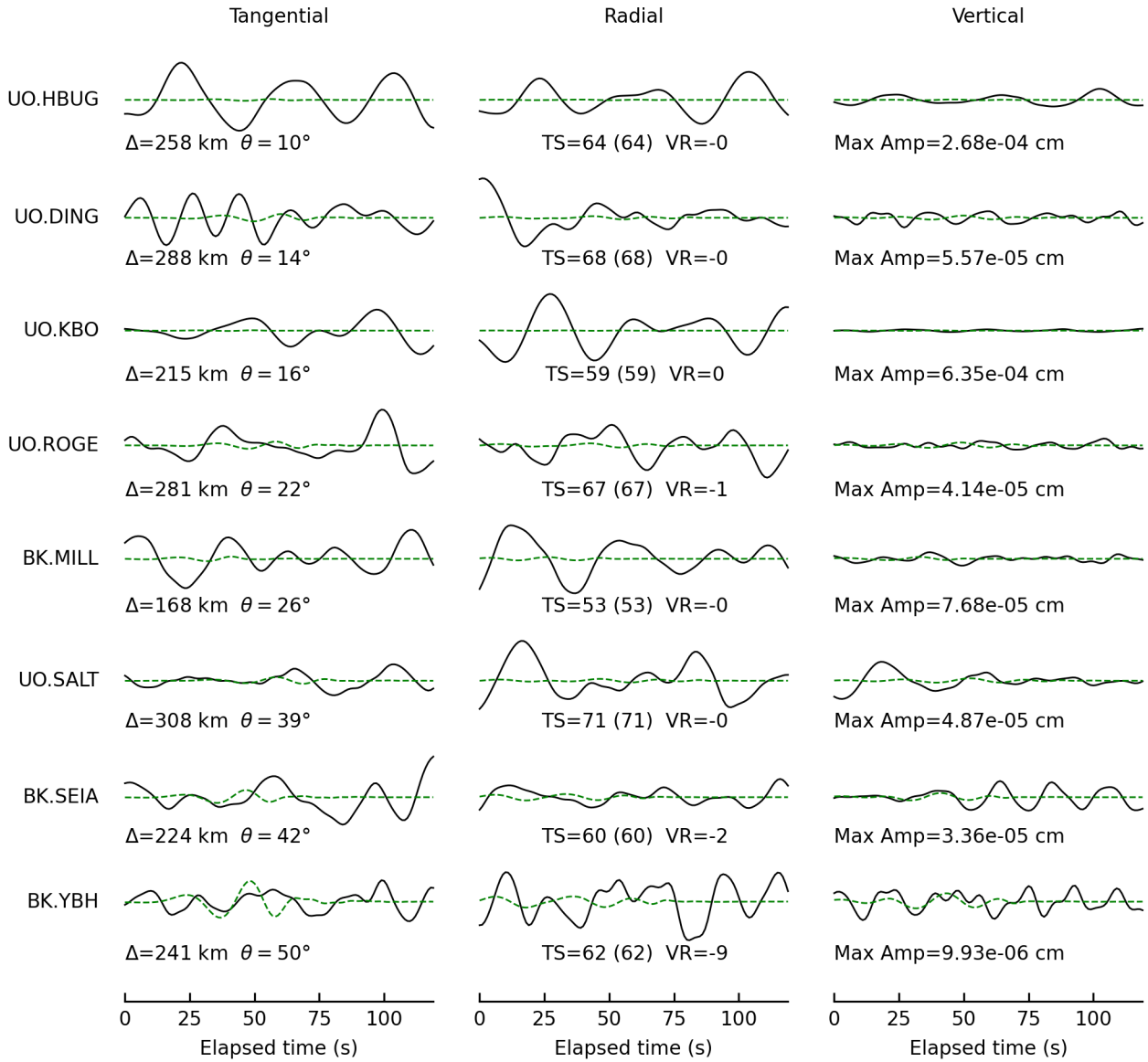

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 56°
TS=41 (43) VR=0
Max Amp=2.75e-05 cm
BK.GUMB
Δ=226 km θ = 64°
TS=60 (60) VR=-8
Max Amp=5.23e-05 cm
BK.TRIN
Δ=200 km θ = 69°
TS=57 (57) VR=2
Max Amp=4.06e-05 cm
BK.SAGE
Δ=250 km θ = 78°
TS=63 (63) VR=3
Max Amp=4.61e-05 cm
BK.HAYF
Δ=145 km θ = 82°
TS=50 (50) VR=-32
Max Amp=2.96e-05 cm
BK.DLIK
Δ=173 km θ = 86°
TS=53 (53) VR=-51
Max Amp=3.10e-05 cm
BK.WLKR
Δ=52 km θ = 89°
TS=38 (38) VR=-1
Max Amp=3.80e-04 cm
BK.GHOP
Δ=81 km θ = 94°
TS=41 (41) VR=-0
Max Amp=2.92e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

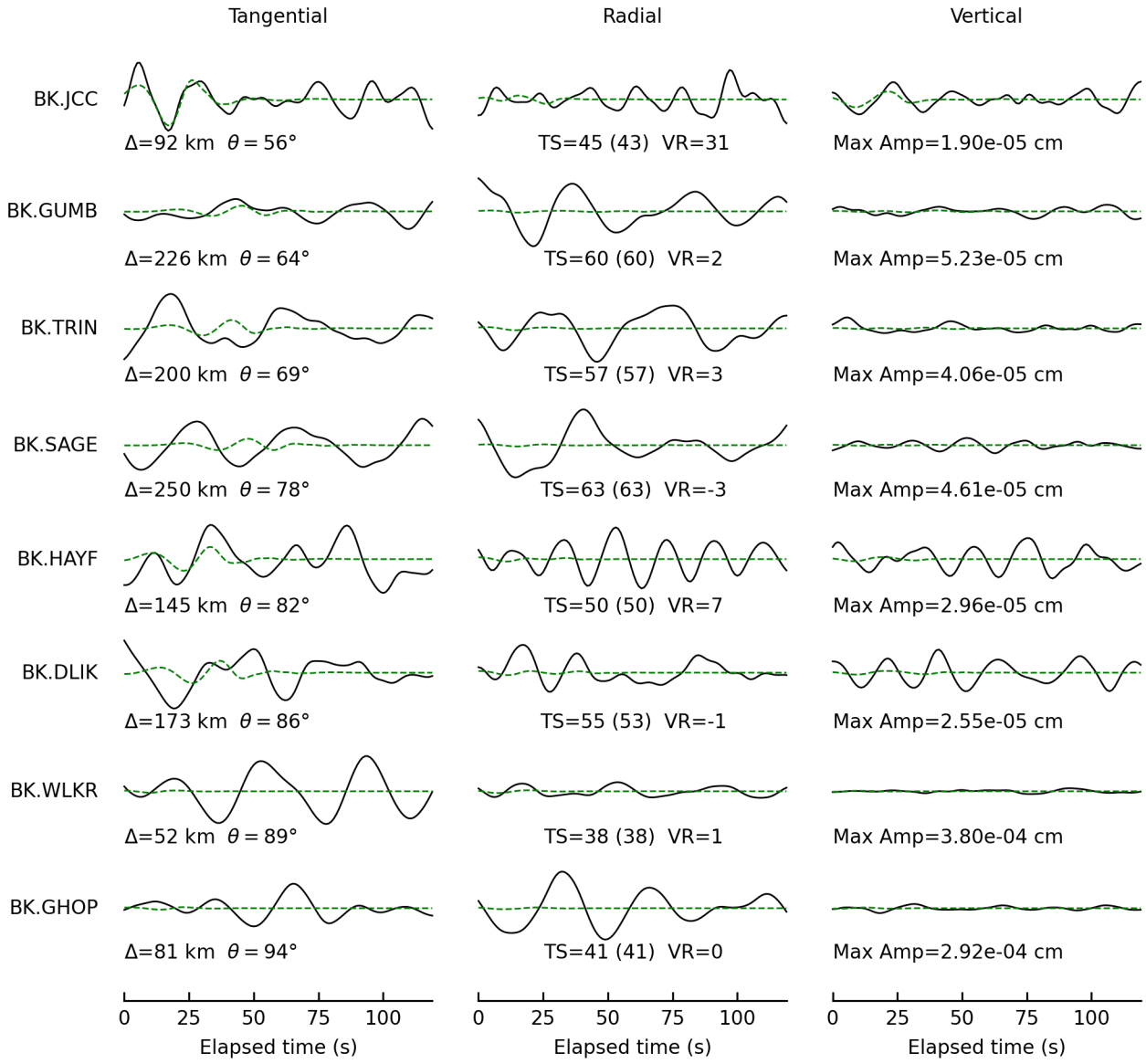

Tangential
Radial
Vertical
BK.HUNT
Δ=153 km θ = 96°
TS=53 (51) VR=-6
Max Amp=7.41e-05 cm
BK.ORV
Δ=306 km θ = 106°
TS=71 (71) VR=-87
Max Amp=1.32e-05 cm
BK.SPRL
Δ=99 km θ = 111°
TS=44 (44) VR=-1
Max Amp=2.02e-04 cm
BK.USAL
Δ=109 km θ = 119°
TS=45 (45) VR=-5
Max Amp=1.71e-04 cm
NC.KCPC
Δ=137 km θ = 122°
TS=49 (49) VR=-4
Max Amp=5.75e-05 cm
BK.ADAM
Δ=286 km θ = 128°
TS=68 (68) VR=2
Max Amp=1.16e-04 cm
BK.ORRS
Δ=176 km θ = 133°
TS=54 (54) VR=-7
Max Amp=3.67e-05 cm
BK.BONV
Δ=204 km θ = 138°
TS=57 (57) VR=-3
Max Amp=3.41e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

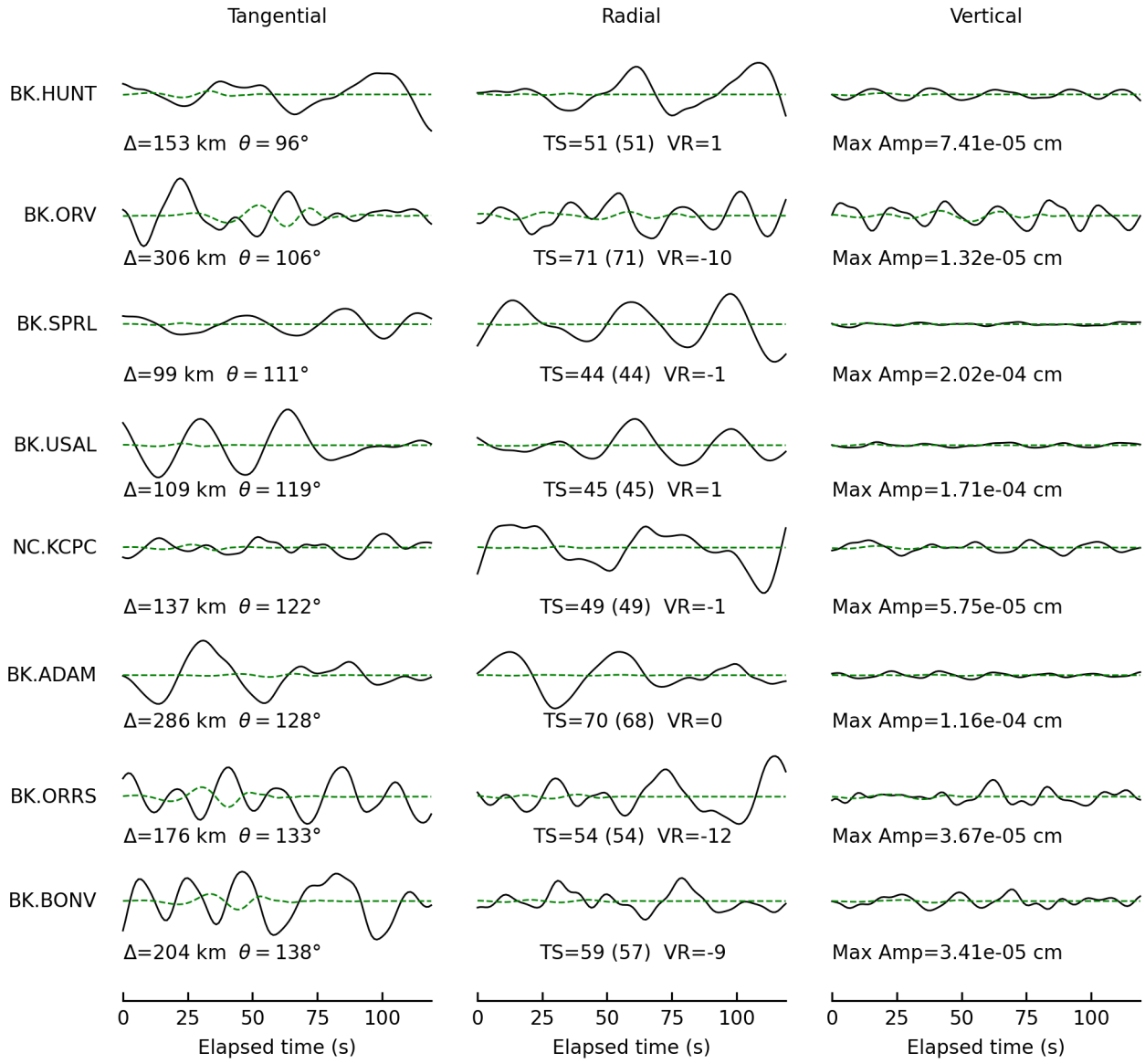

Tangential
Radial
Vertical
BK.HRCH
Δ=245 km θ = 143°
TS=63 (63) VR=-5
Max Amp=8.65e-05 cm
0
25
50
75
100
Elapsed time (s)

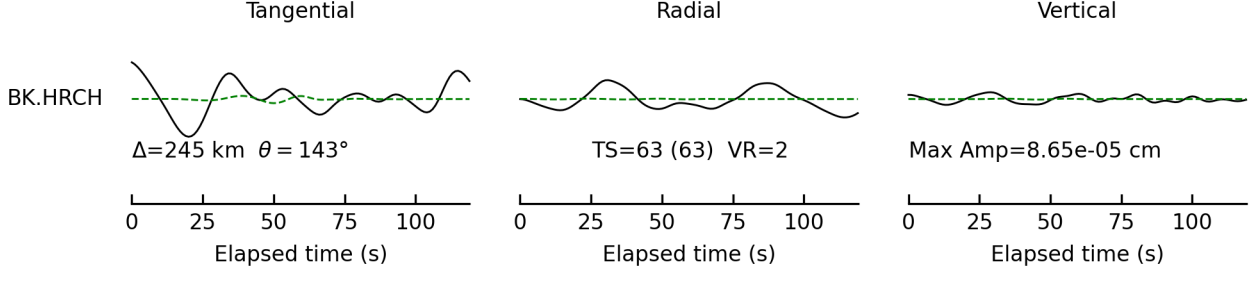
Deviatoric Moment Tensor Inversion
Evid = 75107241
Depth = 2.0 km
Mw = 3.56
M0 = 2.71e+21 dyne-cm
Percent DC/CLVD/ISO = 97/3/0
sdr = (76,21,-173) (339,87,-70)
npts = 120 vred = 7.692 km/s
VR = 0.09% lune:1,0



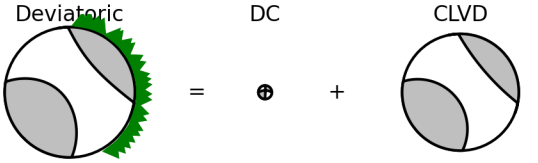


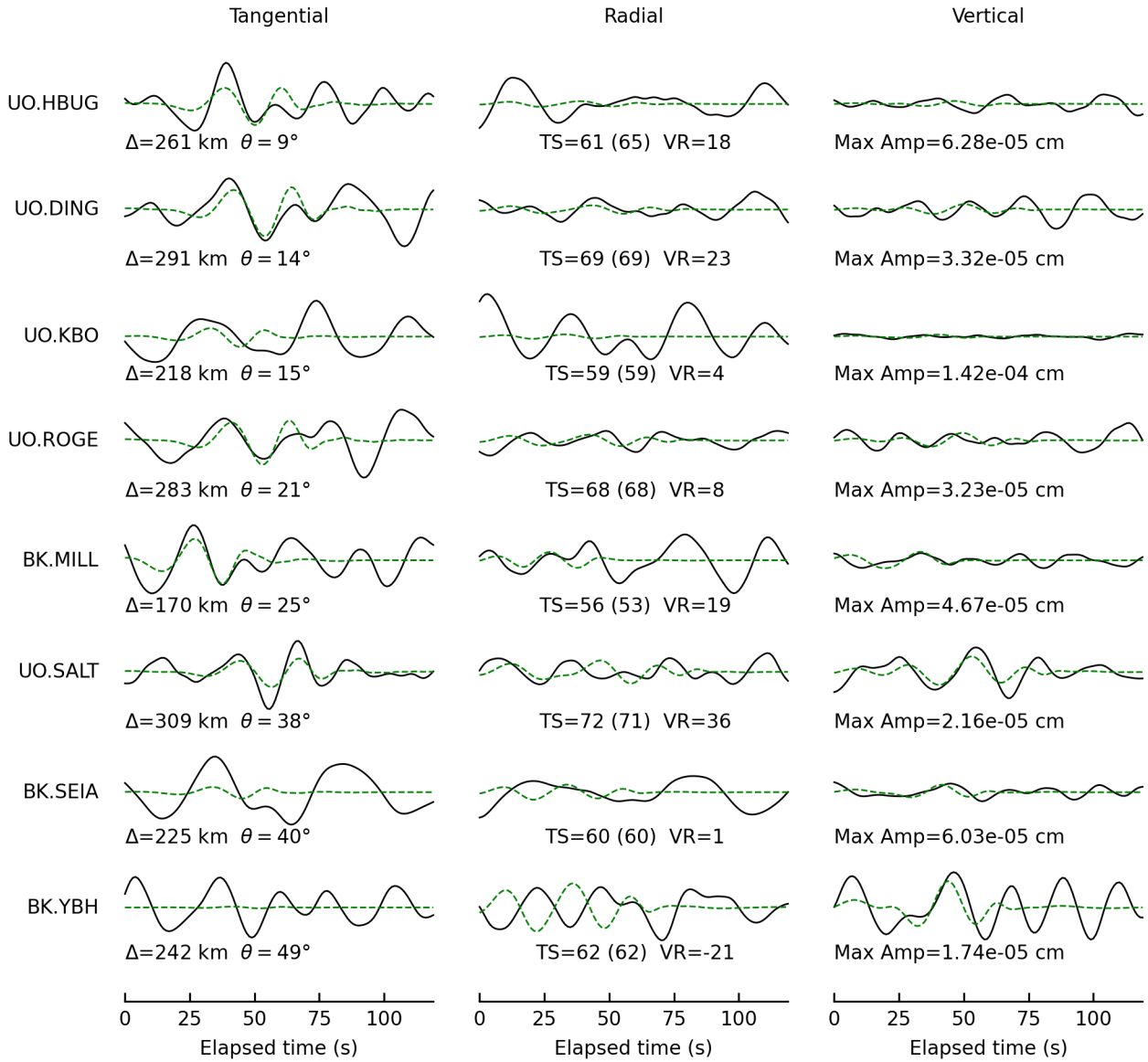

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 56°
TS=45 (43) VR=31
Max Amp=1.90e-05 cm
BK.GUMB
Δ=226 km θ = 64°
TS=60 (60) VR=2
Max Amp=5.23e-05 cm
BK.TRIN
Δ=200 km θ = 69°
TS=57 (57) VR=3
Max Amp=4.06e-05 cm
BK.SAGE
Δ=250 km θ = 78°
TS=63 (63) VR=-3
Max Amp=4.61e-05 cm
BK.HAYF
Δ=145 km θ = 82°
TS=50 (50) VR=7
Max Amp=2.96e-05 cm
BK.DLIK
Δ=173 km θ = 86°
TS=55 (53) VR=-1
Max Amp=2.55e-05 cm
BK.WLKR
Δ=52 km θ = 89°
TS=38 (38) VR=1
Max Amp=3.80e-04 cm
BK.GHOP
Δ=81 km θ = 94°
TS=41 (41) VR=0
Max Amp=2.92e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

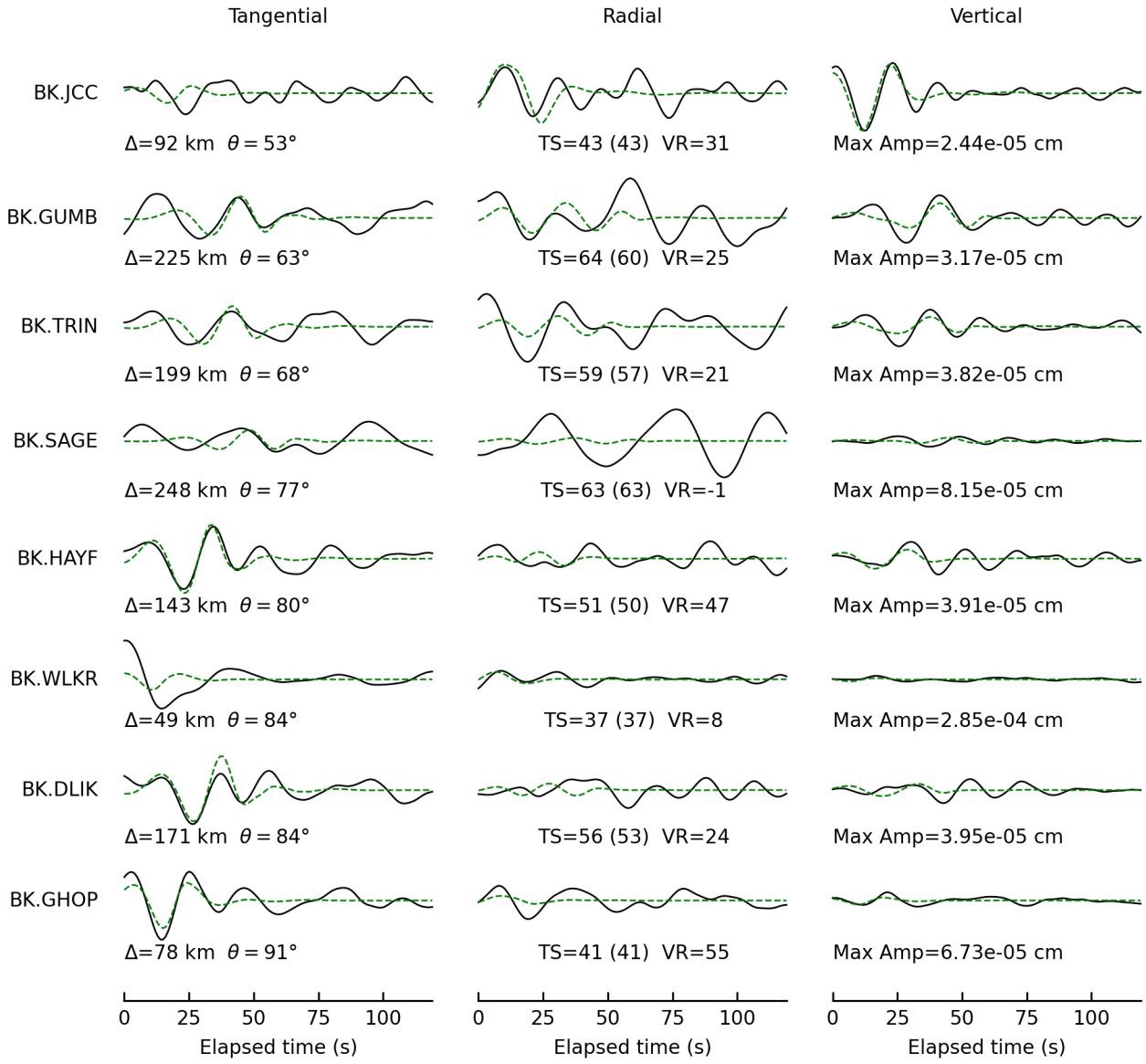

Tangential
Radial
Vertical
BK.HUNT
Δ=153 km θ = 96°
TS=51 (51) VR=1
Max Amp=7.41e-05 cm
BK.ORV
Δ=306 km θ = 106°
TS=71 (71) VR=-10
Max Amp=1.32e-05 cm
BK.SPRL
Δ=99 km θ = 111°
TS=44 (44) VR=-1
Max Amp=2.02e-04 cm
BK.USAL
Δ=109 km θ = 119°
TS=45 (45) VR=1
Max Amp=1.71e-04 cm
NC.KCPC
Δ=137 km θ = 122°
TS=49 (49) VR=-1
Max Amp=5.75e-05 cm
BK.ADAM
Δ=286 km θ = 128°
TS=70 (68) VR=0
Max Amp=1.16e-04 cm
BK.ORRS
Δ=176 km θ = 133°
TS=54 (54) VR=-12
Max Amp=3.67e-05 cm
BK.BONV
Δ=204 km θ = 138°
TS=59 (57) VR=-9
Max Amp=3.41e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

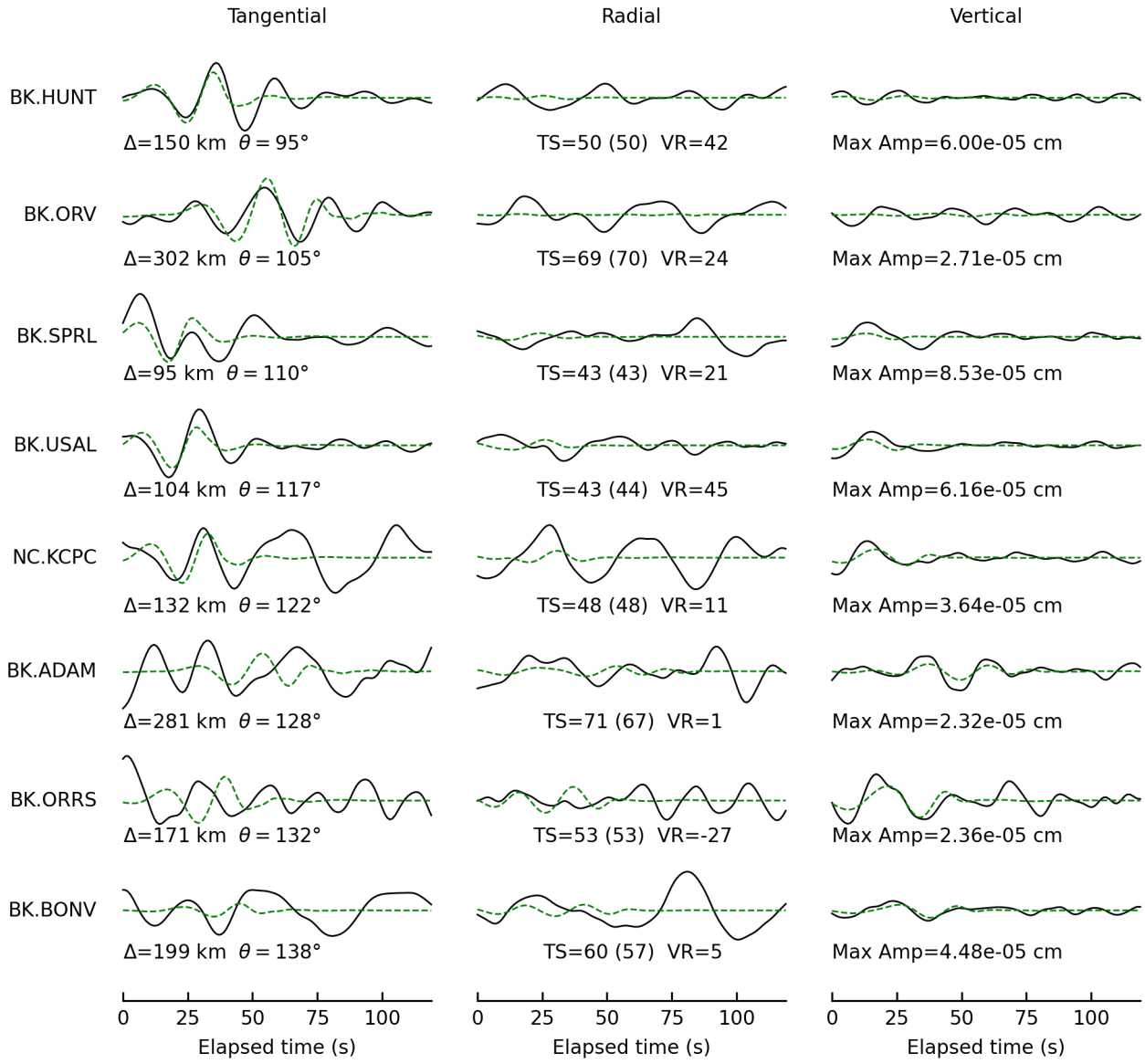

Tangential
Radial
Vertical
BK.HRCH
Δ=245 km θ = 143°
TS=63 (63) VR=2
Max Amp=8.65e-05 cm
0
25
50
75
100
Elapsed time (s)

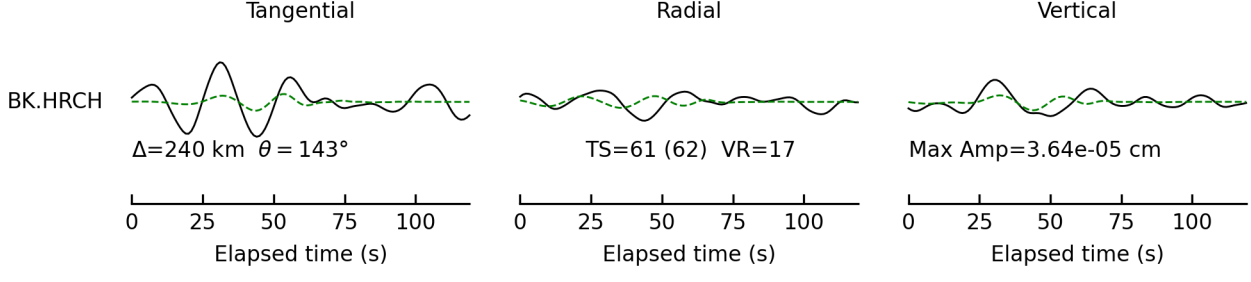
Deviatoric Moment Tensor Inversion
Evid = 75108656
Depth = 4.0 km
Mw = 3.71
M0 = 4.55e+21 dyne-cm
Percent DC/CLVD/ISO = 10/90/0
sdr = (270,61,177) (1,87,29)
npts = 120 vred = 7.692 km/s
VR = 9.90% lune:-27,0



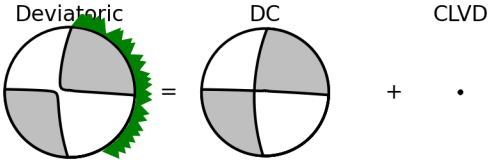


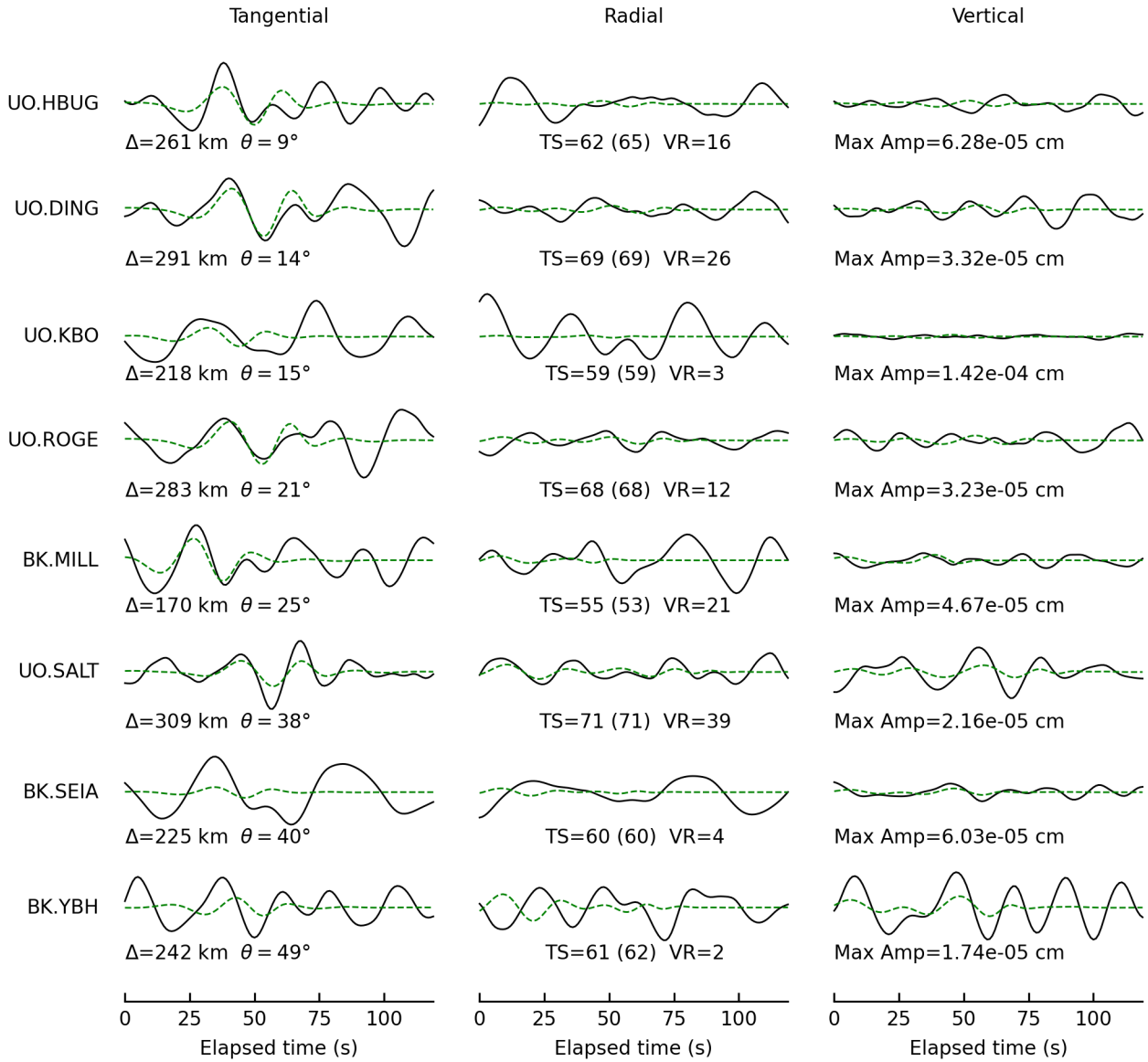

Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 53°
TS=43 (43) VR=31
Max Amp=2.44e-05 cm
BK.GUMB
Δ=225 km θ = 63°
TS=64 (60) VR=25
Max Amp=3.17e-05 cm
BK.TRIN
Δ=199 km θ = 68°
TS=59 (57) VR=21
Max Amp=3.82e-05 cm
BK.SAGE
Δ=248 km θ = 77°
TS=63 (63) VR=-1
Max Amp=8.15e-05 cm
BK.HAYF
Δ=143 km θ = 80°
TS=51 (50) VR=47
Max Amp=3.91e-05 cm
BK.WLKR
Δ=49 km θ = 84°
TS=37 (37) VR=8
Max Amp=2.85e-04 cm
BK.DLIK
Δ=171 km θ = 84°
TS=56 (53) VR=24
Max Amp=3.95e-05 cm
BK.GHOP
Δ=78 km θ = 91°
TS=41 (41) VR=55
Max Amp=6.73e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

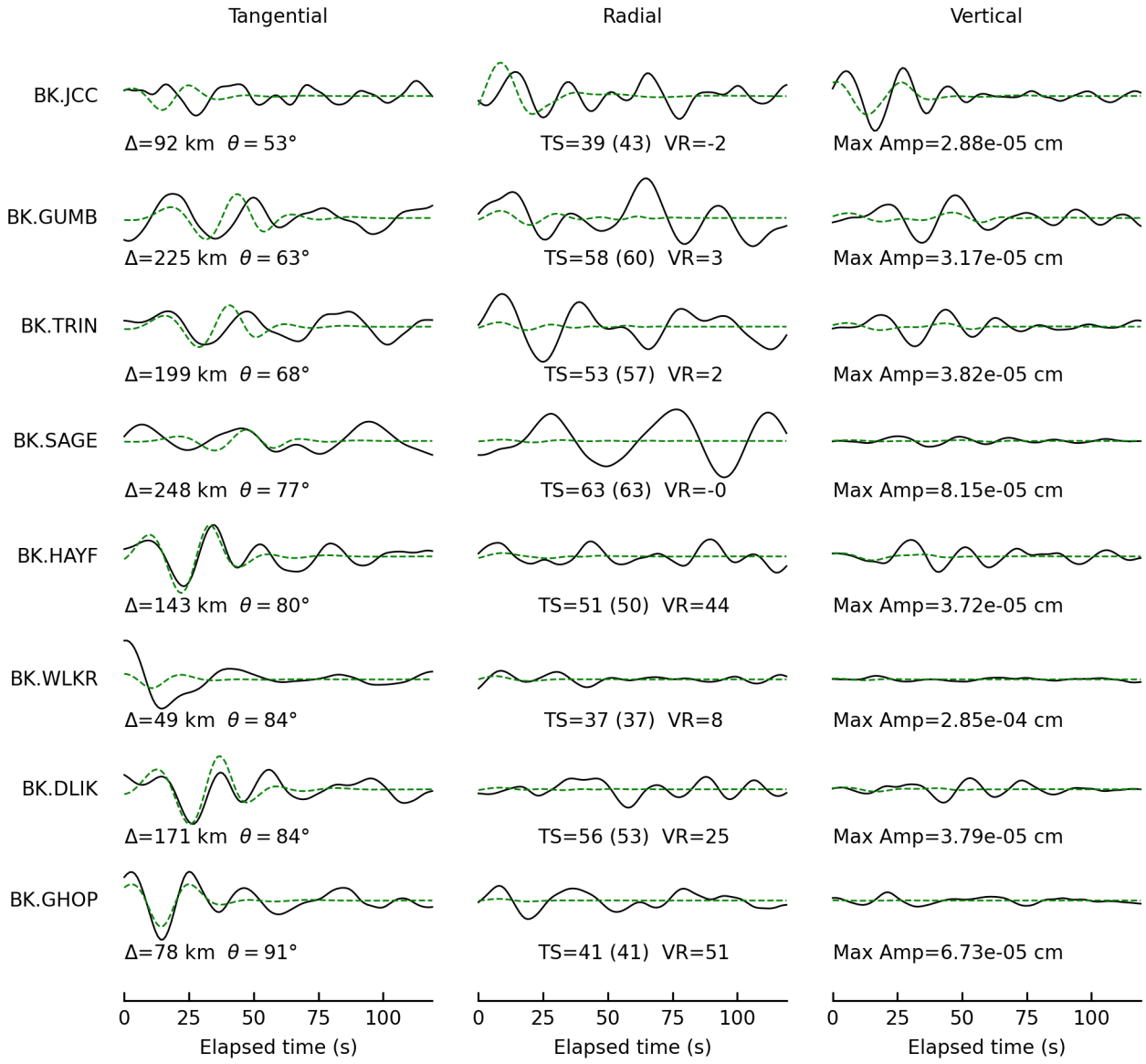

Tangential
Radial
Vertical
BK.HUNT
Δ=150 km θ = 95°
TS=50 (50) VR=42
Max Amp=6.00e-05 cm
BK.ORV
Δ=302 km θ = 105°
TS=69 (70) VR=24
Max Amp=2.71e-05 cm
BK.SPRL
Δ=95 km θ = 110°
TS=43 (43) VR=21
Max Amp=8.53e-05 cm
BK.USAL
Δ=104 km θ = 117°
TS=43 (44) VR=45
Max Amp=6.16e-05 cm
NC.KCPC
Δ=132 km θ = 122°
TS=48 (48) VR=11
Max Amp=3.64e-05 cm
BK.ADAM
Δ=281 km θ = 128°
TS=71 (67) VR=1
Max Amp=2.32e-05 cm
BK.ORRS
Δ=171 km θ = 132°
TS=53 (53) VR=-27
Max Amp=2.36e-05 cm
BK.BONV
Δ=199 km θ = 138°
TS=60 (57) VR=5
Max Amp=4.48e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

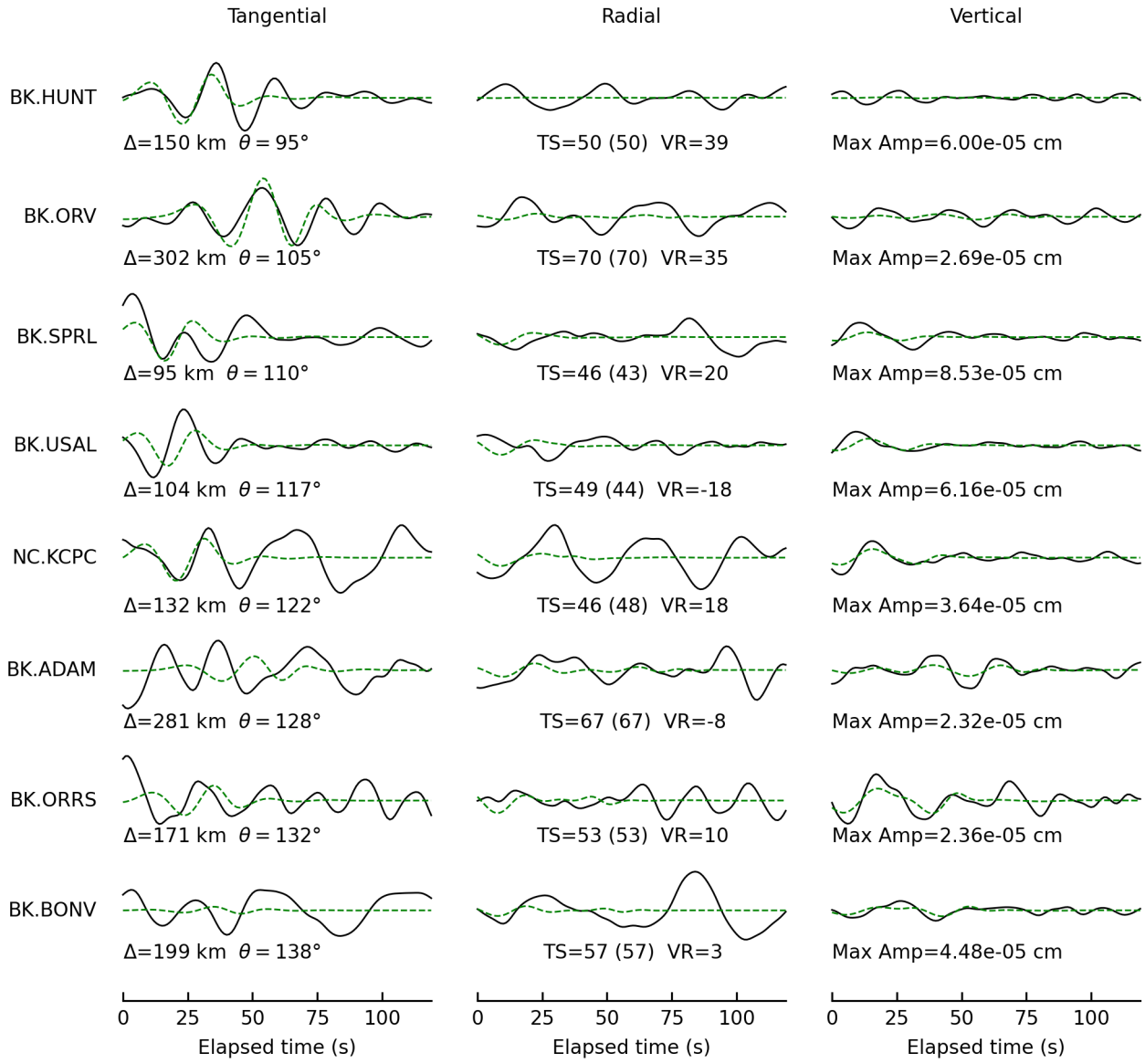

Tangential
Radial
Vertical
BK.HRCH
Δ=240 km θ = 143°
TS=61 (62) VR=17
Max Amp=3.64e-05 cm
0
25
50
75
100
Elapsed time (s)

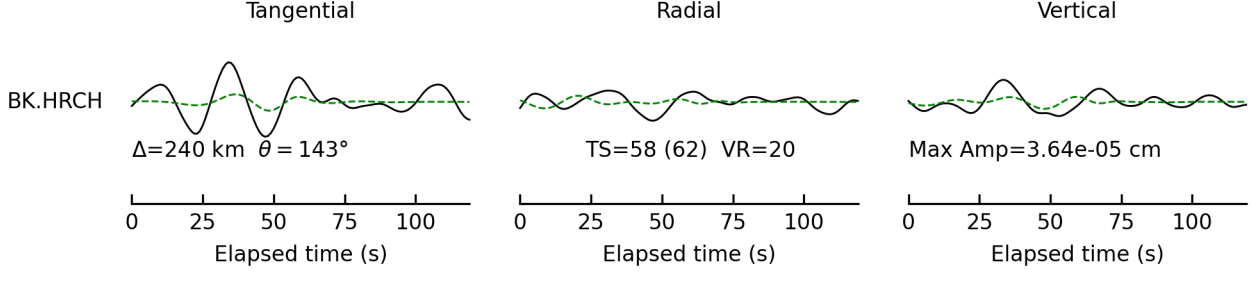
Deviatoric Moment Tensor Inversion
Evid = 75108656
Depth = 20.0 km
Mw = 3.84
M0 = 7.13e+21 dyne-cm
Percent DC/CLVD/ISO = 98/2/0
sdr = (272,88,-161) (182,71,-2)
npts = 120 vred = 7.692 km/s
VR = 8.72% lune:-1,0



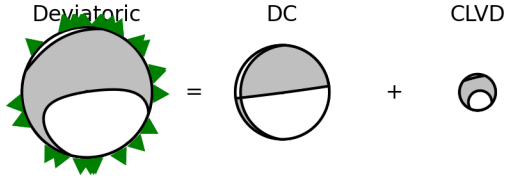



Tangential
Radial
Vertical
BK.JCC
Δ=92 km θ = 53°
TS=39 (43) VR=-2
Max Amp=2.88e-05 cm
BK.GUMB
Δ=225 km θ = 63°
TS=58 (60) VR=3
Max Amp=3.17e-05 cm
BK.TRIN
Δ=199 km θ = 68°
TS=53 (57) VR=2
Max Amp=3.82e-05 cm
BK.SAGE
Δ=248 km θ = 77°
TS=63 (63) VR=-0
Max Amp=8.15e-05 cm
BK.HAYF
Δ=143 km θ = 80°
TS=51 (50) VR=44
Max Amp=3.72e-05 cm
BK.WLKR
Δ=49 km θ = 84°
TS=37 (37) VR=8
Max Amp=2.85e-04 cm
BK.DLIK
Δ=171 km θ = 84°
TS=56 (53) VR=25
Max Amp=3.79e-05 cm
BK.GHOP
Δ=78 km θ = 91°
TS=41 (41) VR=51
Max Amp=6.73e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HUNT
Δ=150 km θ = 95°
TS=50 (50) VR=39
Max Amp=6.00e-05 cm
BK.ORV
Δ=302 km θ = 105°
TS=70 (70) VR=35
Max Amp=2.69e-05 cm
BK.SPRL
Δ=95 km θ = 110°
TS=46 (43) VR=20
Max Amp=8.53e-05 cm
BK.USAL
Δ=104 km θ = 117°
TS=49 (44) VR=-18
Max Amp=6.16e-05 cm
NC.KCPC
Δ=132 km θ = 122°
TS=46 (48) VR=18
Max Amp=3.64e-05 cm
BK.ADAM
Δ=281 km θ = 128°
TS=67 (67) VR=-8
Max Amp=2.32e-05 cm
BK.ORRS
Δ=171 km θ = 132°
TS=53 (53) VR=10
Max Amp=2.36e-05 cm
BK.BONV
Δ=199 km θ = 138°
TS=57 (57) VR=3
Max Amp=4.48e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.HRCH
Δ=240 km θ = 143°
TS=58 (62) VR=20
Max Amp=3.64e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75109096
Depth = 5.0 km
Mw = 3.78
M0 = 5.83e+21 dyne-cm
Percent DC/CLVD/ISO = 72/28/0
sdr = (82,89,97) (183,7,10)
npts = 120 vred = 7.692 km/s
VR = 1.13% lune:7,0



Tangential | Radial | Vertical

BK.SEIA
Δ=156 km θ = 11°
TS=54 (51) VR=-1
Max Amp=2.83e-05 cm

UO.SALT
Δ=238 km θ = 18°
TS=60 (62) VR=22
Max Amp=1.70e-05 cm

BK.YBH
Δ=155 km θ = 25°
TS=50 (51) VR=58
Max Amp=2.29e-05 cm

BK.GUMB
Δ=118 km θ = 45°
TS=43 (46) VR=21
Max Amp=1.83e-05 cm

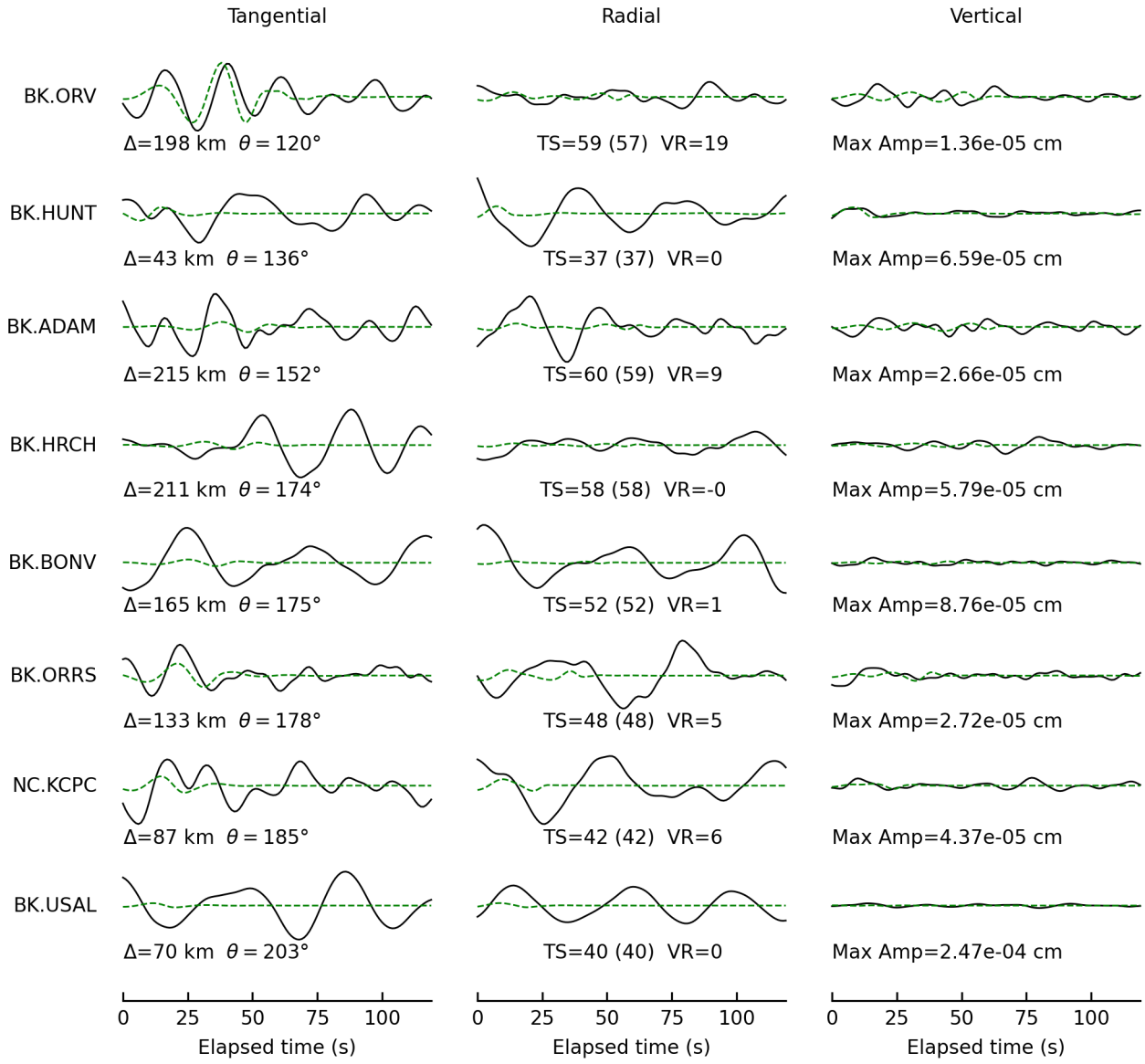
BK.TRIN
Δ=88 km θ = 50°
TS=42 (42) VR=-1
Max Amp=3.19e-05 cm

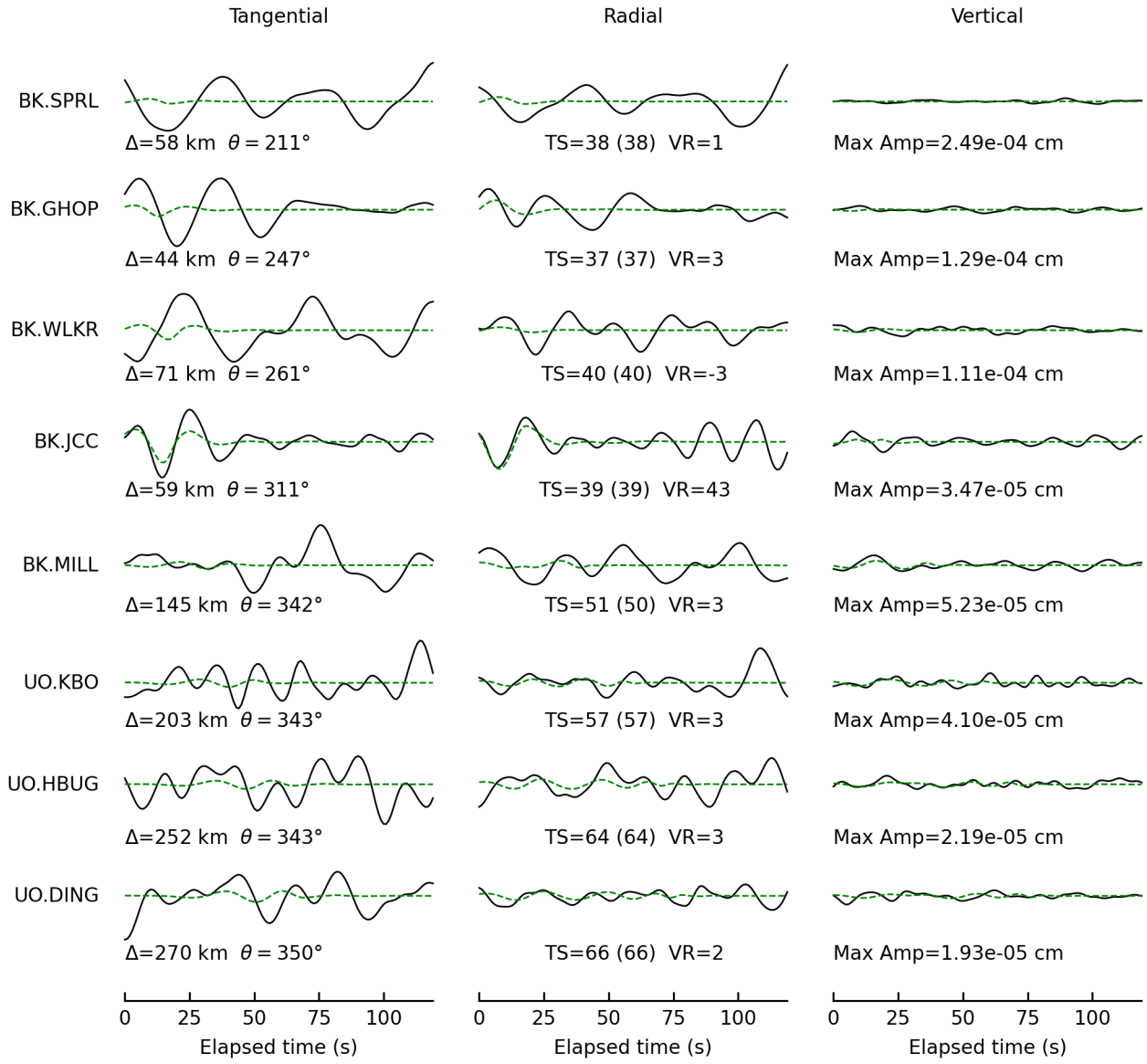
BK.SAGE
Δ=129 km θ = 73°
TS=48 (48) VR=1
Max Amp=1.38e-04 cm

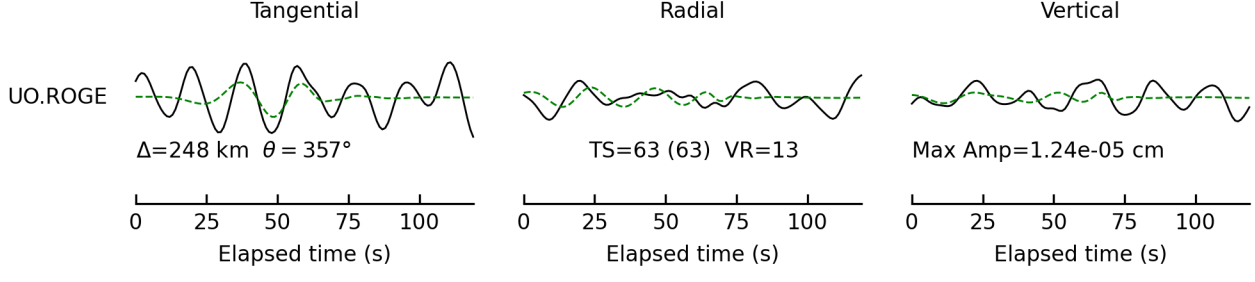
BK.HAYF
Δ=23 km θ = 75°
TS=34 (34) VR=3
Max Amp=3.81e-05 cm

BK.DLIK
Δ=51 km θ = 91°
TS=37 (38) VR=-9
Max Amp=2.71e-05 cm

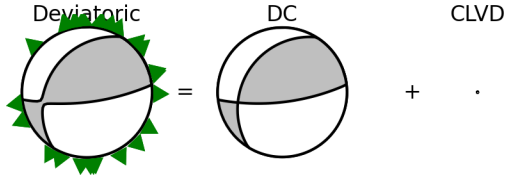
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.ORV
Δ=198 km θ = 120°
TS=59 (57) VR=19
Max Amp=1.36e-05 cm
BK.HUNT
Δ=43 km θ = 136°
TS=37 (37) VR=0
Max Amp=6.59e-05 cm
BK.ADAM
Δ=215 km θ = 152°
TS=60 (59) VR=9
Max Amp=2.66e-05 cm
BK.HRCH
Δ=211 km θ = 174°
TS=58 (58) VR=-0
Max Amp=5.79e-05 cm
BK.BONV
Δ=165 km θ = 175°
TS=52 (52) VR=1
Max Amp=8.76e-05 cm
BK.ORRS
Δ=133 km θ = 178°
TS=48 (48) VR=5
Max Amp=2.72e-05 cm
NC.KCPC
Δ=87 km θ = 185°
TS=42 (42) VR=6
Max Amp=4.37e-05 cm
BK.USAL
Δ=70 km θ = 203°
TS=40 (40) VR=0
Max Amp=2.47e-04 cm
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.SPRL
Δ=58 km θ = 211°
TS=38 (38) VR=1
Max Amp=2.49e-04 cm
BK.GHOP
Δ=44 km θ = 247°
TS=37 (37) VR=3
Max Amp=1.29e-04 cm
BK.WLKR
Δ=71 km θ = 261°
TS=40 (40) VR=-3
Max Amp=1.11e-04 cm
BK.JCC
Δ=59 km θ = 311°
TS=39 (39) VR=43
Max Amp=3.47e-05 cm
BK.MILL
Δ=145 km θ = 342°
TS=51 (50) VR=3
Max Amp=5.23e-05 cm
UO.KBO
Δ=203 km θ = 343°
TS=57 (57) VR=3
Max Amp=4.10e-05 cm
UO.HBUG
Δ=252 km θ = 343°
TS=64 (64) VR=3
Max Amp=2.19e-05 cm
UO.DING
Δ=270 km θ = 350°
TS=66 (66) VR=2
Max Amp=1.93e-05 cm
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
UO.ROGE
Δ=248 km θ = 357°
TS=63 (63) VR=13
Max Amp=1.24e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75109096
Depth = 18.0 km
Mw = 3.59
M0 = 3.00e+21 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (212,27,42) (83,73,111)
npts = 120 vred = 7.692 km/s
VR = 0.94% lune:0,0



Tangential | Radial | Vertical

BK.SEIA
Δ=156 km θ = 11°
TS=51 (51) VR=5
Max Amp=2.83e-05 cm

UO.SALT
Δ=238 km θ = 18°
TS=61 (62) VR=17
Max Amp=1.70e-05 cm

BK.YBH
Δ=155 km θ = 25°
TS=51 (51) VR=36
Max Amp=2.29e-05 cm

BK.GUMB
Δ=118 km θ = 45°
TS=44 (46) VR=17
Max Amp=1.83e-05 cm

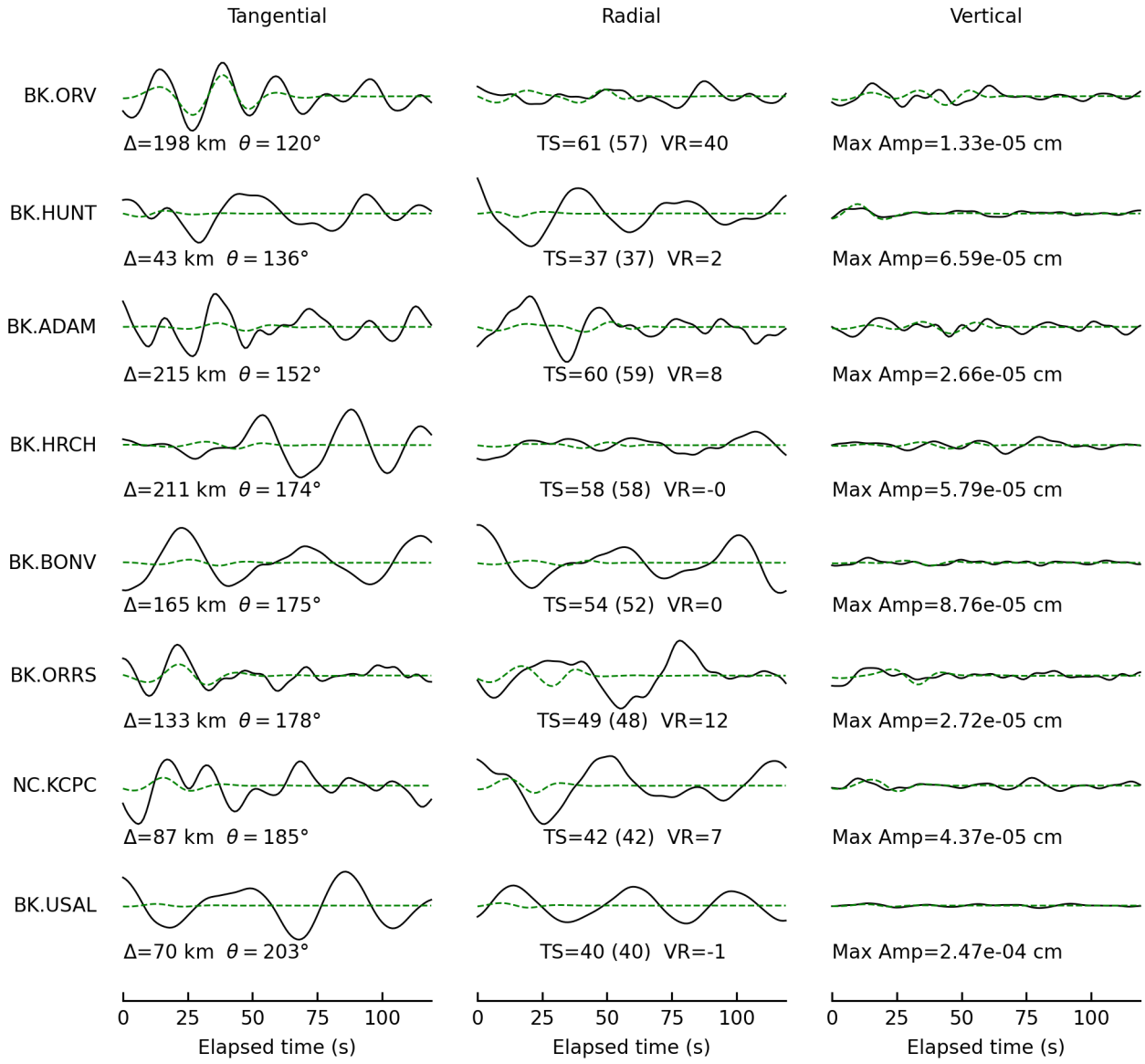
BK.TRIN
Δ=88 km θ = 50°
TS=44 (42) VR=1
Max Amp=3.19e-05 cm

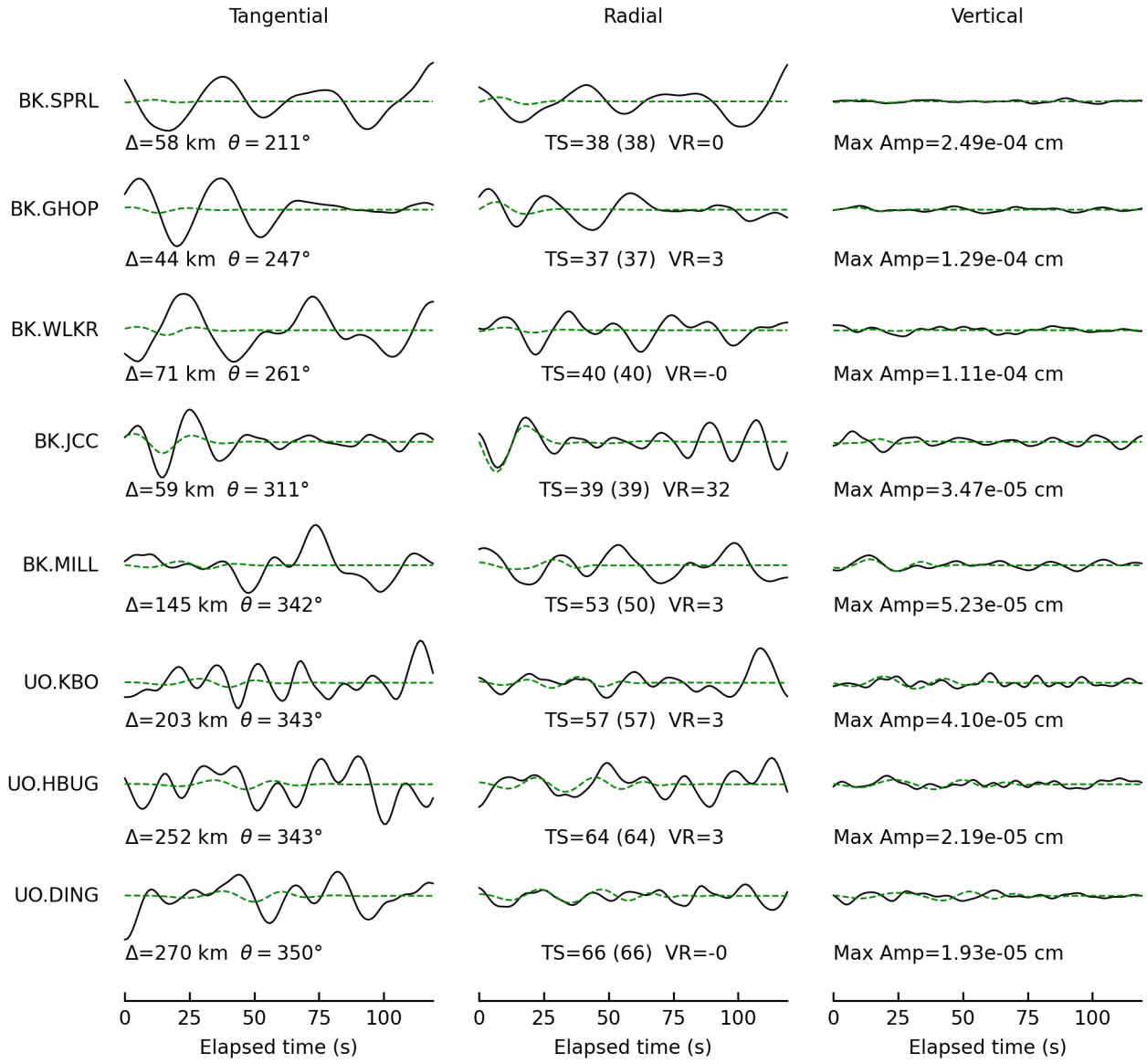
BK.SAGE
Δ=129 km θ = 73°
TS=48 (48) VR=1
Max Amp=1.38e-04 cm

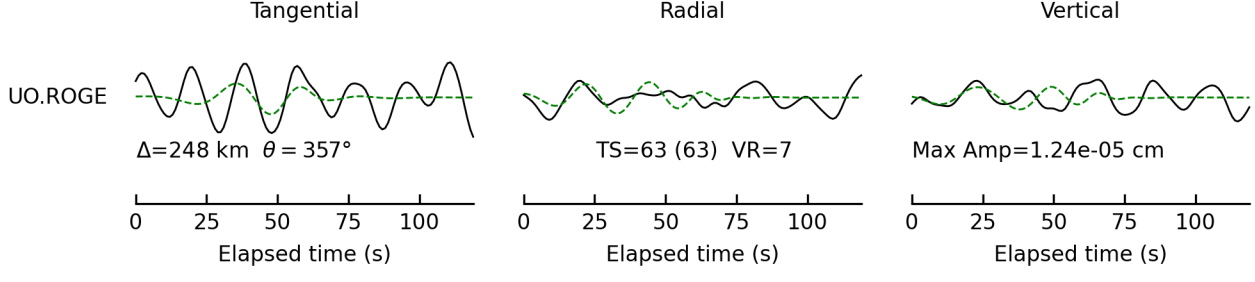
BK.HAYF
Δ=23 km θ = 75°
TS=34 (34) VR=2
Max Amp=3.81e-05 cm

BK.DLIK
Δ=51 km θ = 91°
TS=37 (38) VR=7
Max Amp=2.71e-05 cm

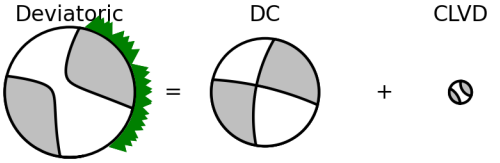
0 25 50 75 100
Elapsed time (s)

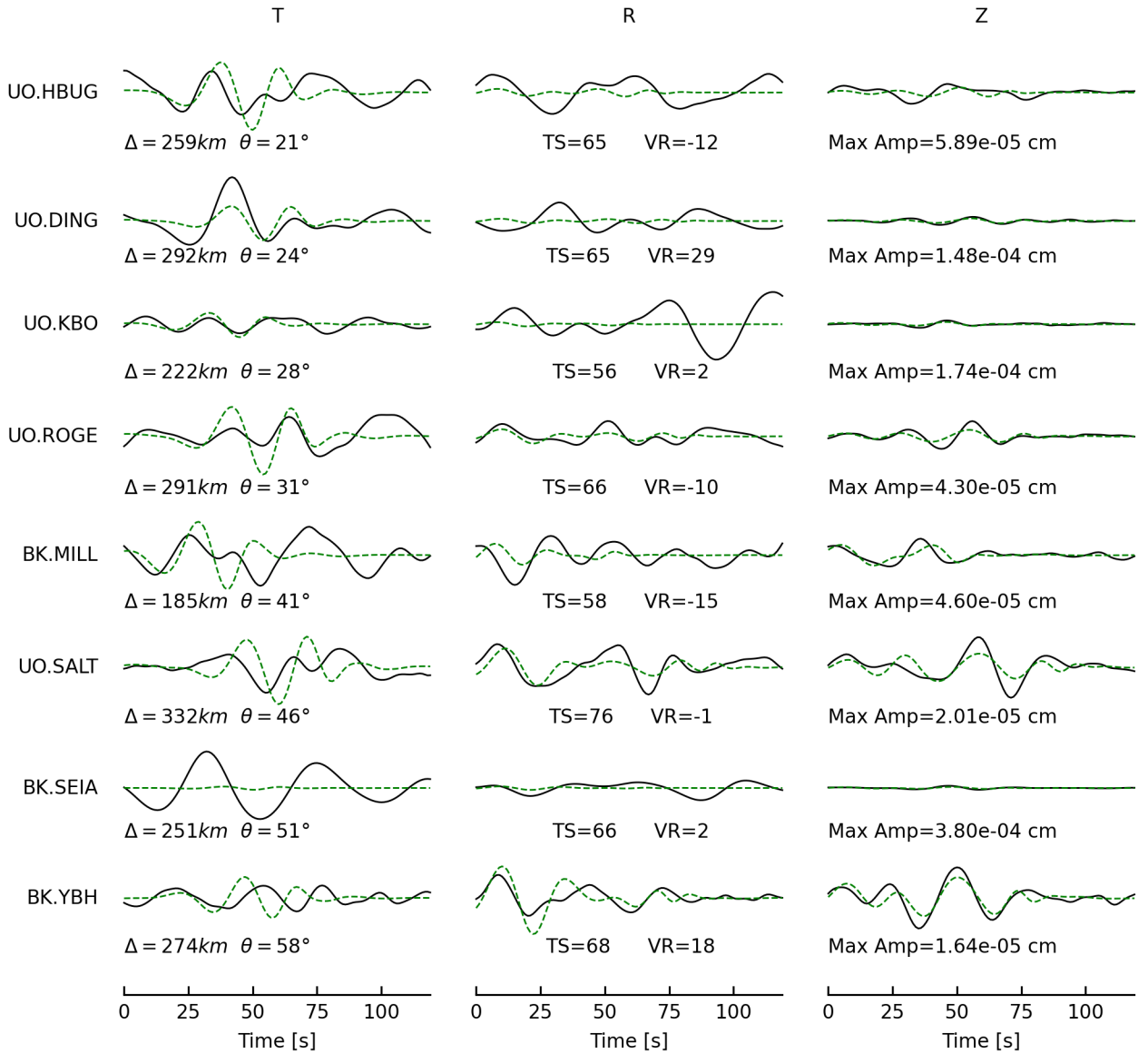

Tangential
Radial
Vertical
BK.ORV
Δ=198 km θ = 120°
TS=61 (57) VR=40
Max Amp=1.33e-05 cm
BK.HUNT
Δ=43 km θ = 136°
TS=37 (37) VR=2
Max Amp=6.59e-05 cm
BK.ADAM
Δ=215 km θ = 152°
TS=60 (59) VR=8
Max Amp=2.66e-05 cm
BK.HRCH
Δ=211 km θ = 174°
TS=58 (58) VR=-0
Max Amp=5.79e-05 cm
BK.BONV
Δ=165 km θ = 175°
TS=54 (52) VR=0
Max Amp=8.76e-05 cm
BK.ORRS
Δ=133 km θ = 178°
TS=49 (48) VR=12
Max Amp=2.72e-05 cm
NC.KCPC
Δ=87 km θ = 185°
TS=42 (42) VR=7
Max Amp=4.37e-05 cm
BK.USAL
Δ=70 km θ = 203°
TS=40 (40) VR=-1
Max Amp=2.47e-04 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

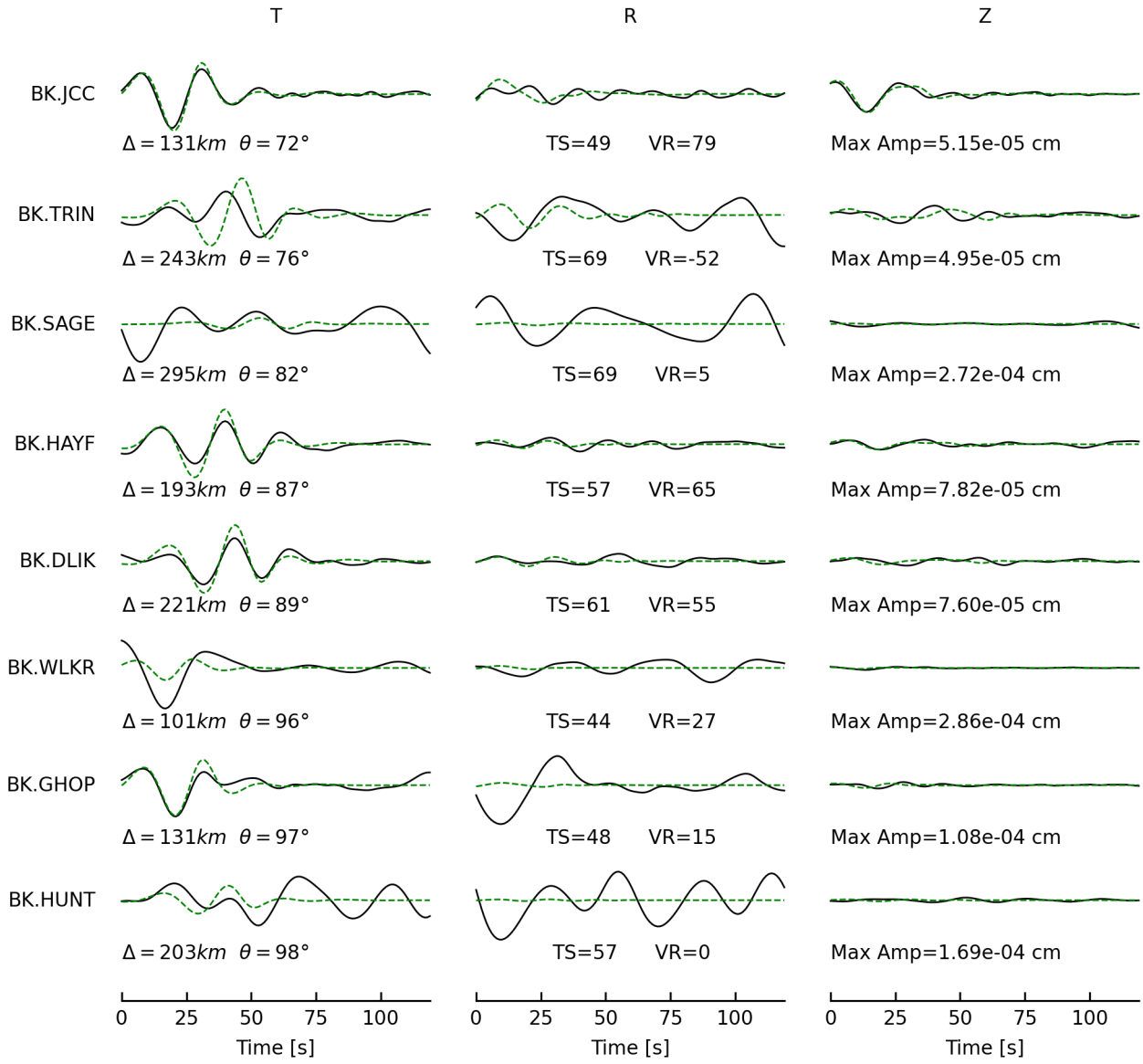

Tangential
Radial
Vertical
BK.SPRL
Δ=58 km θ = 211°
TS=38 (38) VR=0
Max Amp=2.49e-04 cm
BK.GHOP
Δ=44 km θ = 247°
TS=37 (37) VR=3
Max Amp=1.29e-04 cm
BK.WLKR
Δ=71 km θ = 261°
TS=40 (40) VR=-0
Max Amp=1.11e-04 cm
BK.JCC
Δ=59 km θ = 311°
TS=39 (39) VR=32
Max Amp=3.47e-05 cm
BK.MILL
Δ=145 km θ = 342°
TS=53 (50) VR=3
Max Amp=5.23e-05 cm
UO.KBO
Δ=203 km θ = 343°
TS=57 (57) VR=3
Max Amp=4.10e-05 cm
UO.HBUG
Δ=252 km θ = 343°
TS=64 (64) VR=3
Max Amp=2.19e-05 cm
UO.DING
Δ=270 km θ = 350°
TS=66 (66) VR=-0
Max Amp=1.93e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

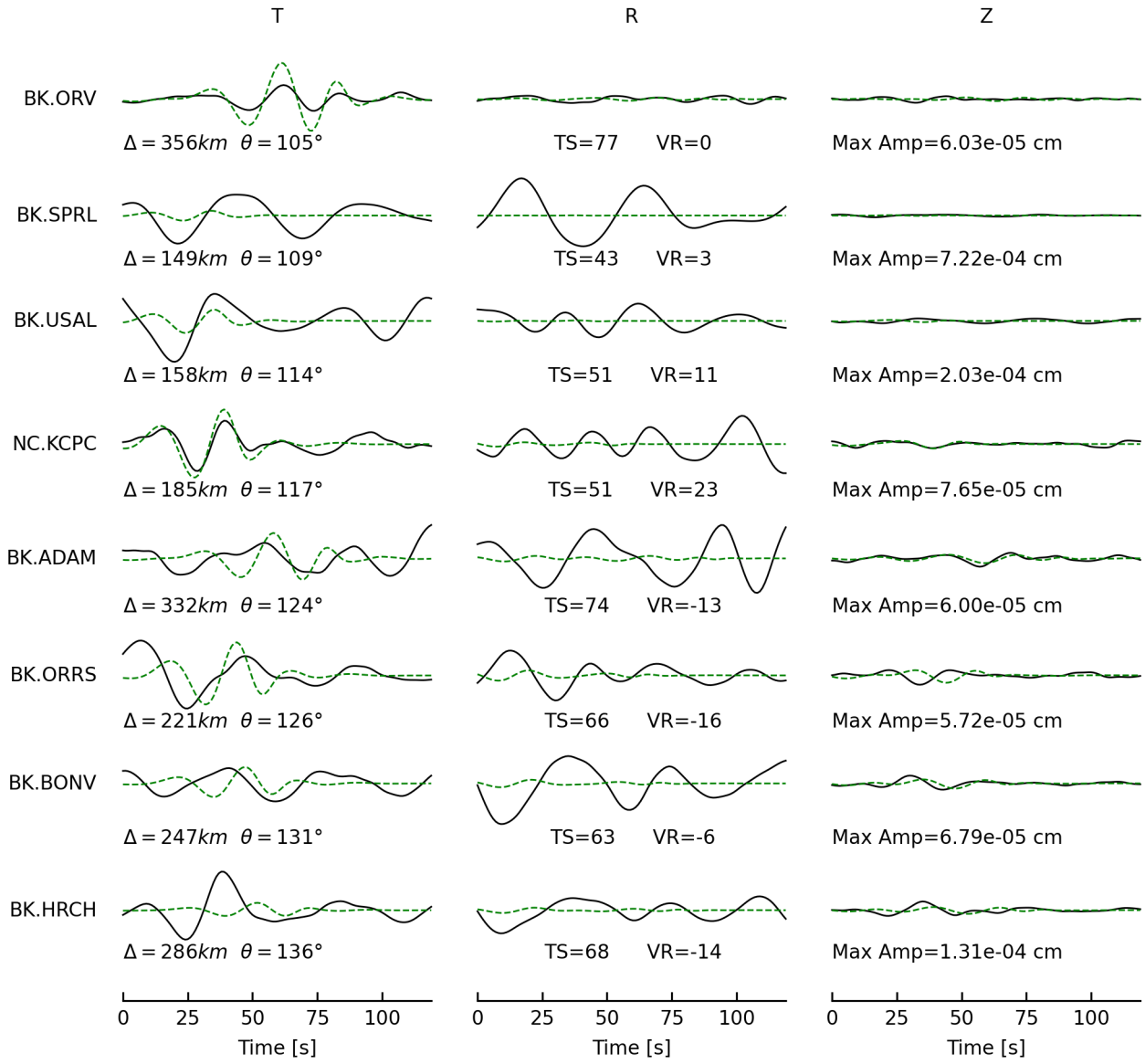

Tangential
Radial
Vertical
UO.ROGE
Δ=248 km θ = 357°
TS=63 (63) VR=7
Max Amp=1.24e-05 cm
0
25
50
75
100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75109266
Depth = 17.0 km
Mw = 4.06
M0 = 1.51e+22 dyne-cm
Percent DC/CLVD/ISO = 83/17/0
sdr = (284,80,-159) (190,70,-11)
npts = 120 vred = 7.692 km/s
VR = 4.01% lune:-4,0

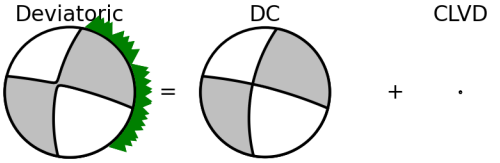


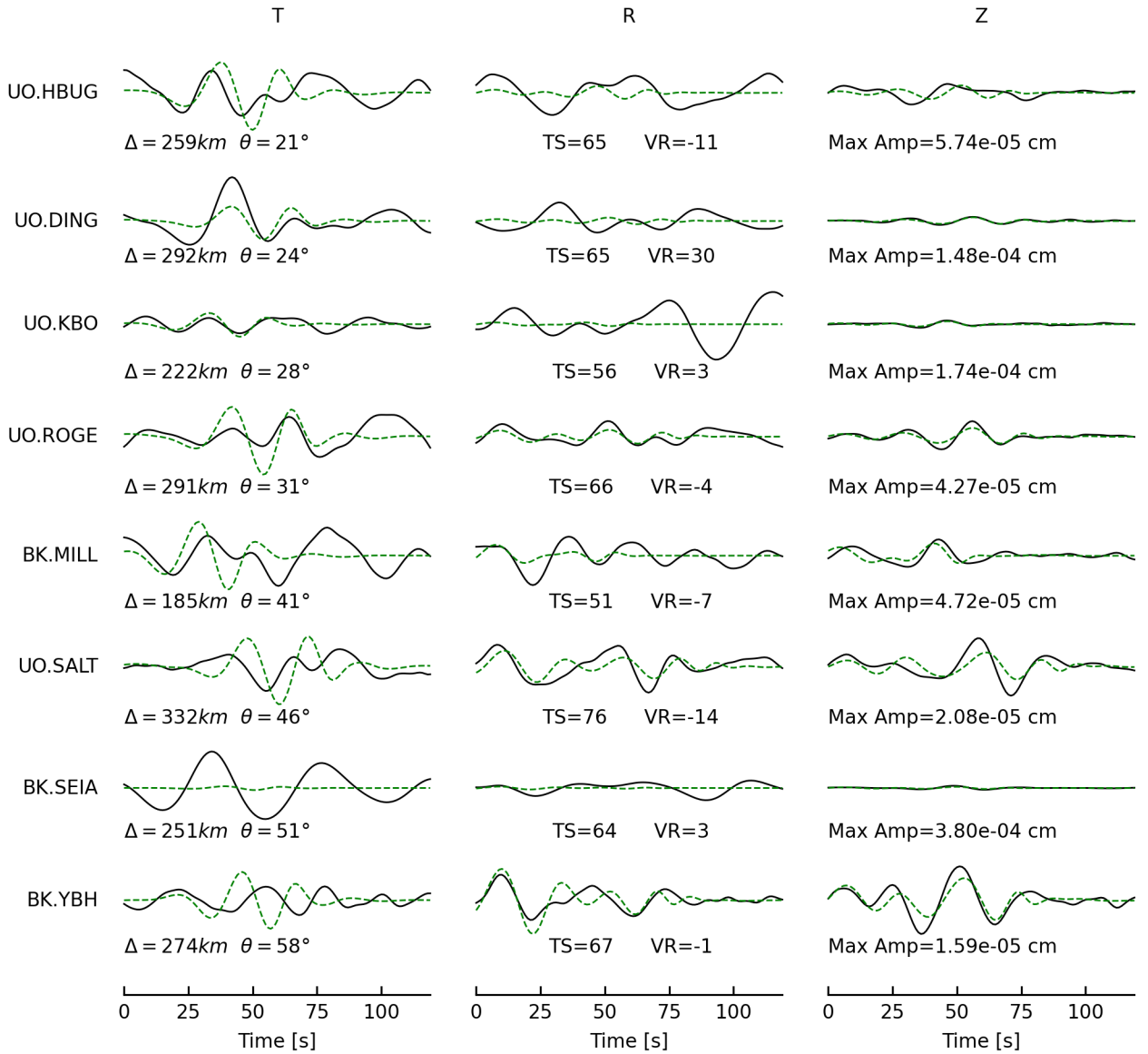


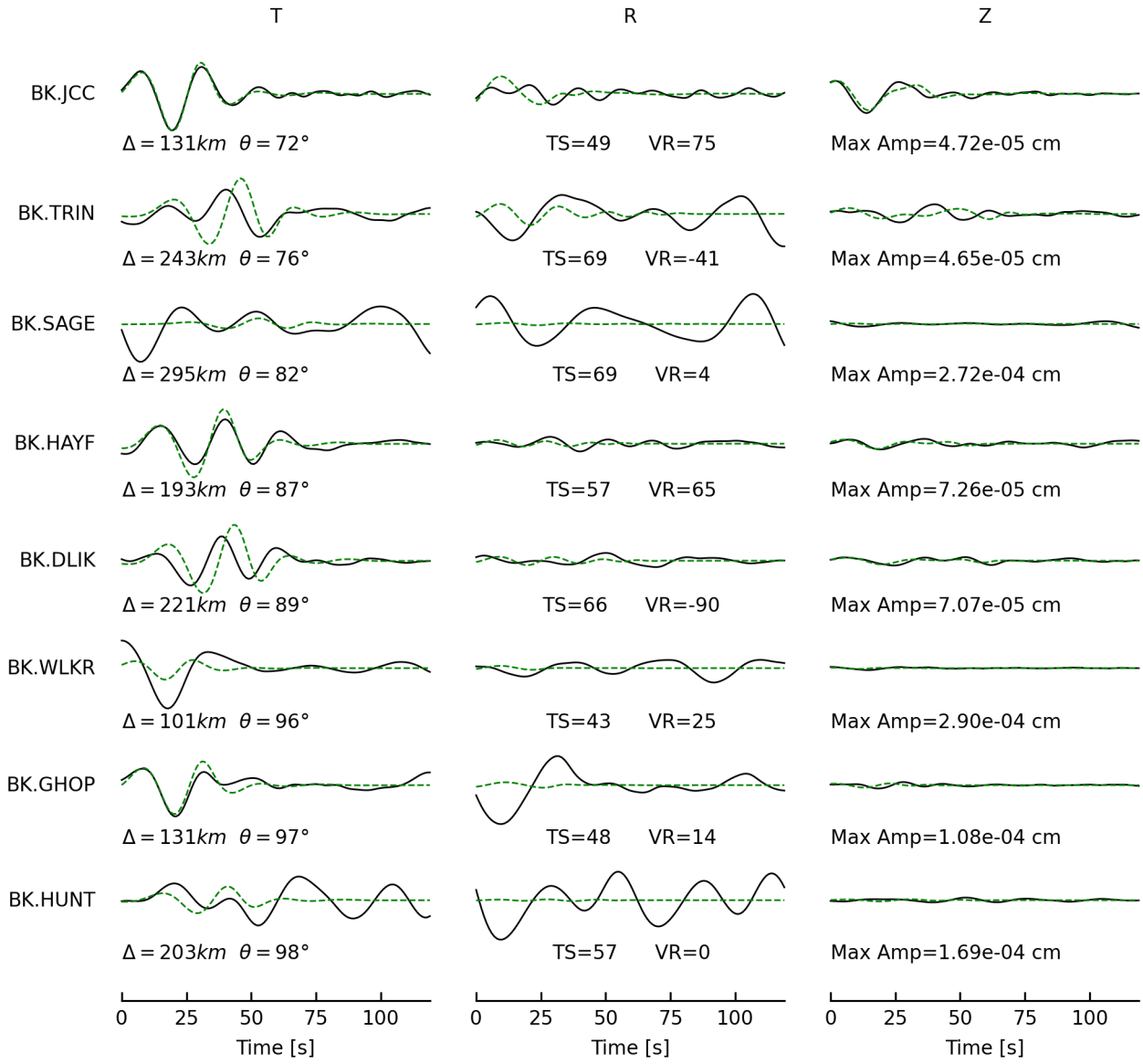

T
R
Z
BK.JCC
Δ = 131km θ = 72°
TS=49 VR=79
Max Amp=5.15e-05 cm
BK.TRIN
Δ = 243km θ = 76°
TS=69 VR=-52
Max Amp=4.95e-05 cm
BK.SAGE
Δ = 295km θ = 82°
TS=69 VR=5
Max Amp=2.72e-04 cm
BK.HAYF
Δ = 193km θ = 87°
TS=57 VR=65
Max Amp=7.82e-05 cm
BK.DLIK
Δ = 221km θ = 89°
TS=61 VR=55
Max Amp=7.60e-05 cm
BK.WLKR
Δ = 101km θ = 96°
TS=44 VR=27
Max Amp=2.86e-04 cm
BK.GHOP
Δ = 131km θ = 97°
TS=48 VR=15
Max Amp=1.08e-04 cm
BK.HUNT
Δ = 203km θ = 98°
TS=57 VR=0
Max Amp=1.69e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

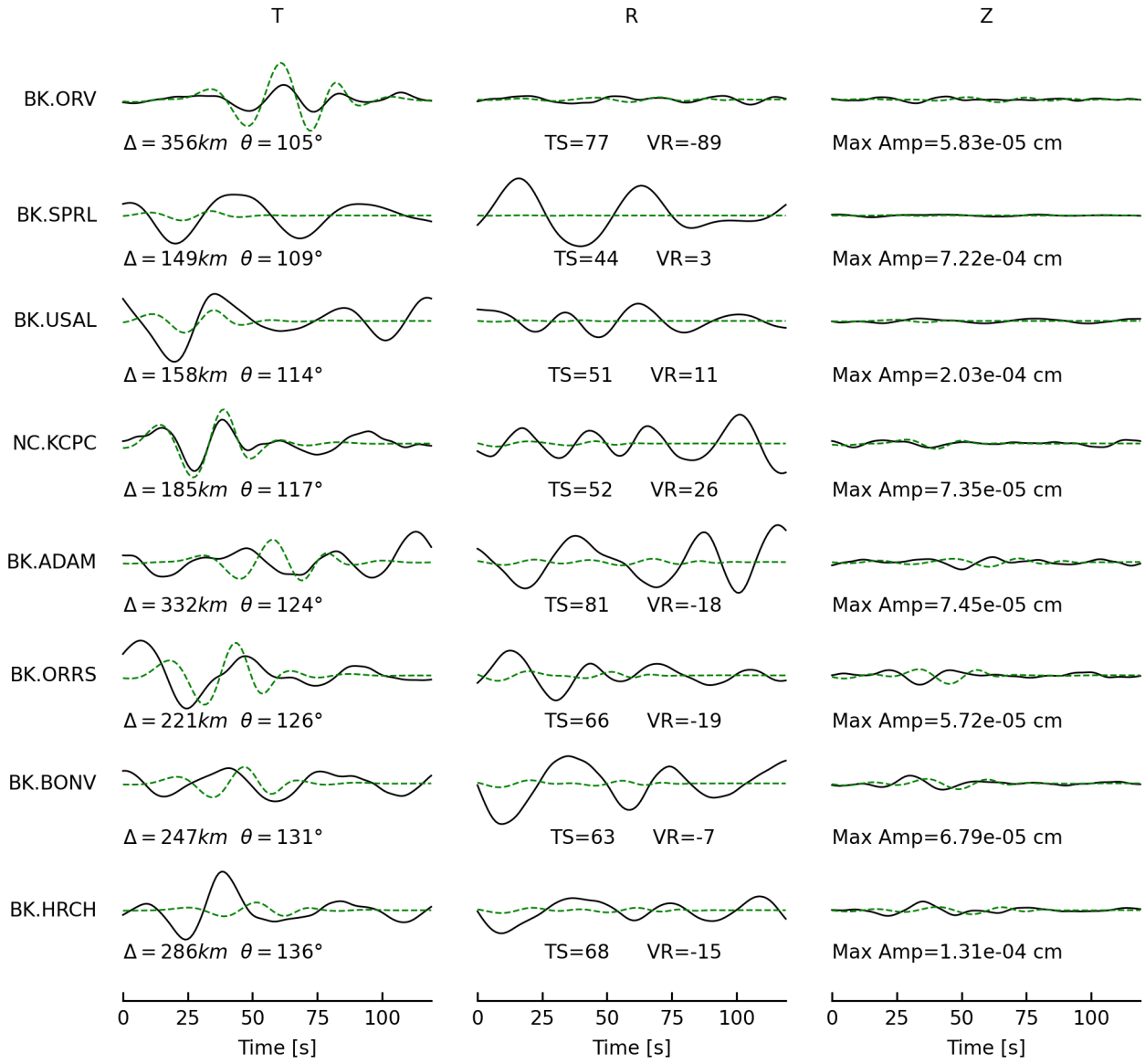

T
R
Z
BK.ORV
Δ = 356km θ = 105°
TS=77 VR=0
Max Amp=6.03e-05 cm
BK.SPRL
Δ = 149km θ = 109°
TS=43 VR=3
Max Amp=7.22e-04 cm
BK.USAL
Δ = 158km θ = 114°
TS=51 VR=11
Max Amp=2.03e-04 cm
NC.KCPC
Δ = 185km θ = 117°
TS=51 VR=23
Max Amp=7.65e-05 cm
BK.ADAM
Δ = 332km θ = 124°
TS=74 VR=-13
Max Amp=6.00e-05 cm
BK.ORRS
Δ = 221km θ = 126°
TS=66 VR=-16
Max Amp=5.72e-05 cm
BK.BONV
Δ = 247km θ = 131°
TS=63 VR=-6
Max Amp=6.79e-05 cm
BK.HRCH
Δ = 286km θ = 136°
TS=68 VR=-14
Max Amp=1.31e-04 cm
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75109266
Depth = 20.0 km
Mw = 4.08
M0 = 1.63e+22 dyne-cm
Percent DC/CLVD/ISO = 99/1/0
sdr = (284,81,-156) (190,66,-10)
npts = 120 vred = 7.692 km/s
VR = 3.81% lune:0,0

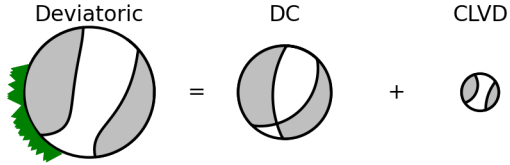


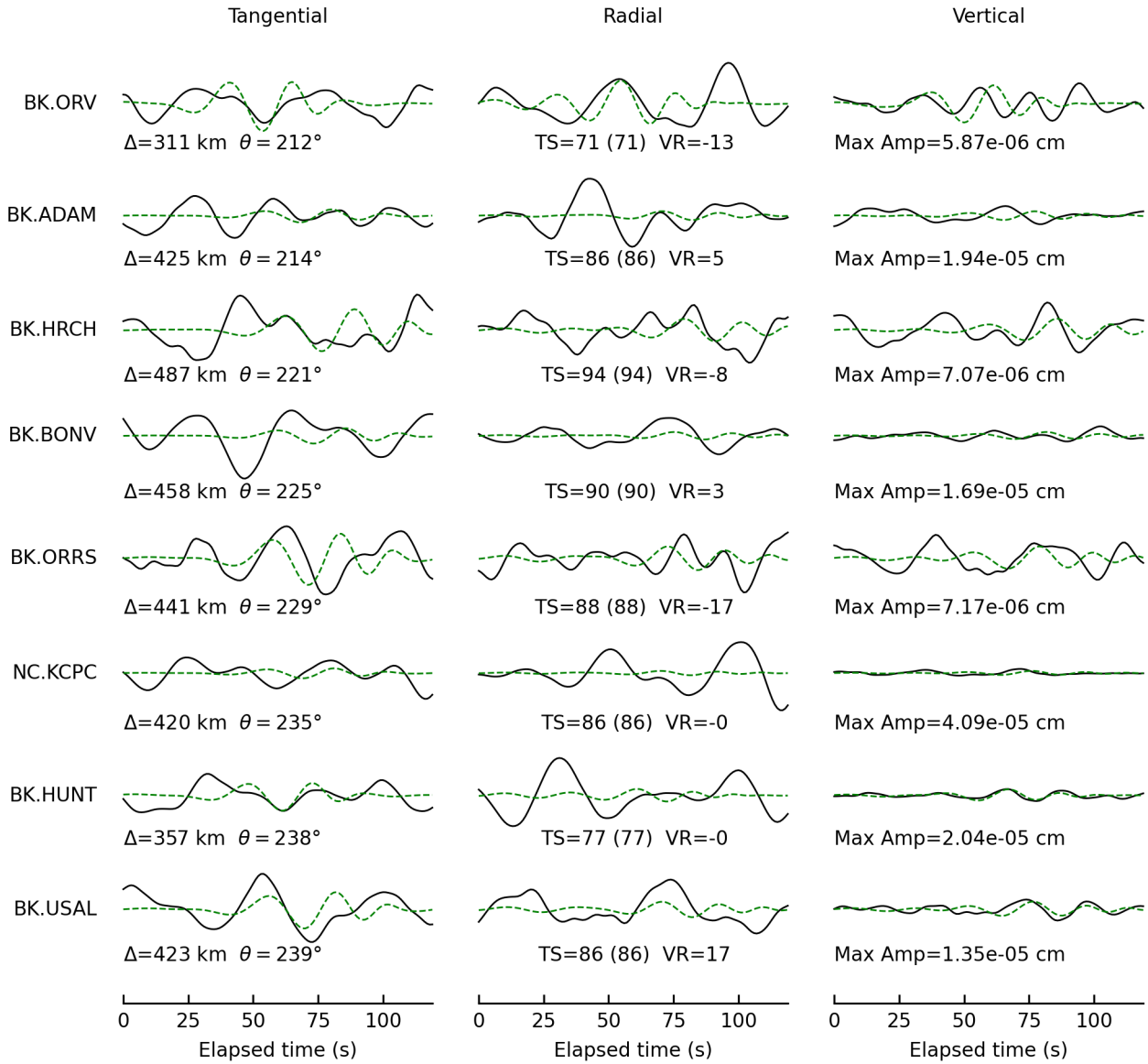


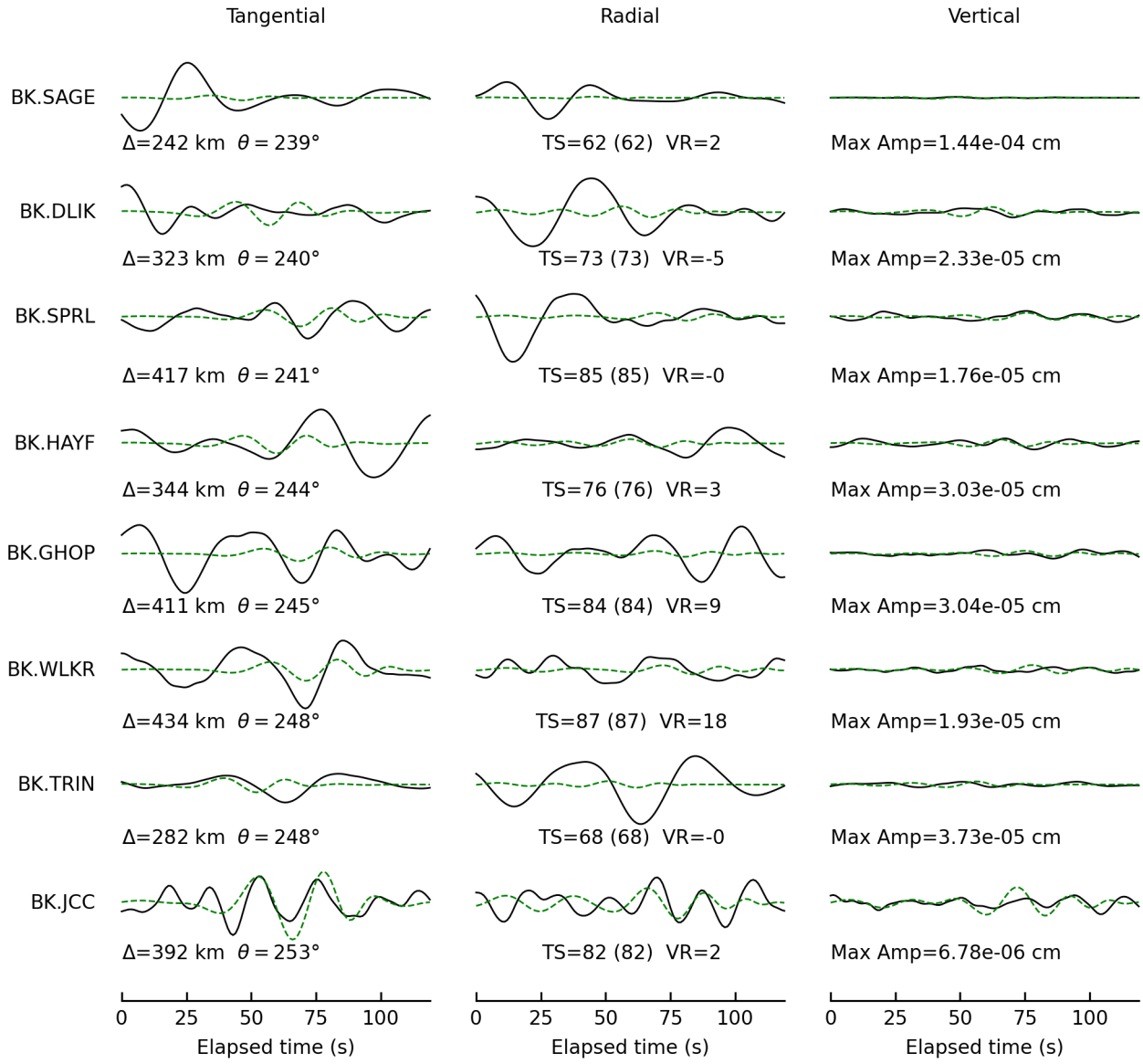

T
R
Z
BK.JCC
Δ = 131km θ = 72°
TS=49 VR=75
Max Amp=4.72e-05 cm
BK.TRIN
Δ = 243km θ = 76°
TS=69 VR=-41
Max Amp=4.65e-05 cm
BK.SAGE
Δ = 295km θ = 82°
TS=69 VR=4
Max Amp=2.72e-04 cm
BK.HAYF
Δ = 193km θ = 87°
TS=57 VR=65
Max Amp=7.26e-05 cm
BK.DLIK
Δ = 221km θ = 89°
TS=66 VR=-90
Max Amp=7.07e-05 cm
BK.WLKR
Δ = 101km θ = 96°
TS=43 VR=25
Max Amp=2.90e-04 cm
BK.GHOP
Δ = 131km θ = 97°
TS=48 VR=14
Max Amp=1.08e-04 cm
BK.HUNT
Δ = 203km θ = 98°
TS=57 VR=0
Max Amp=1.69e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

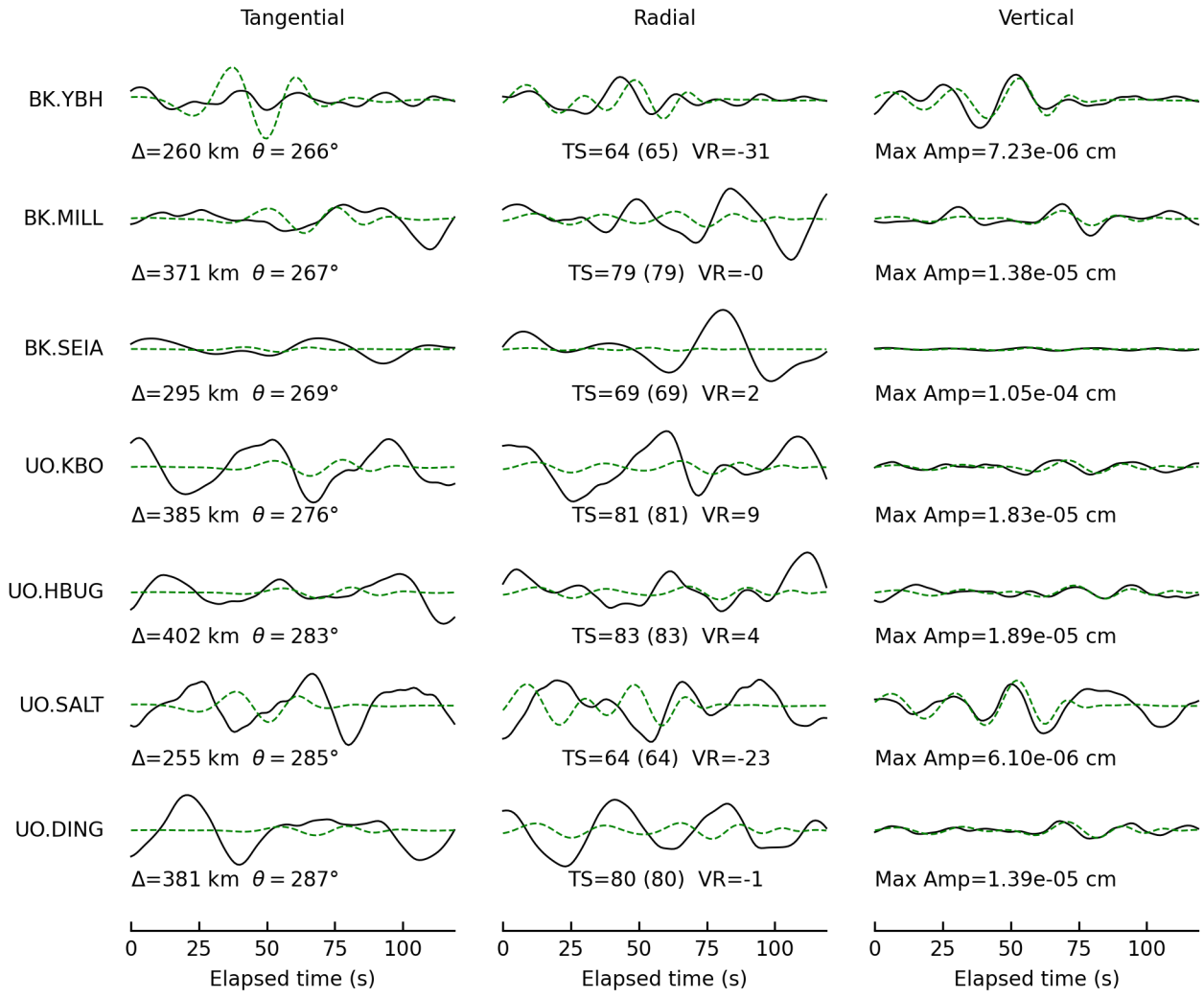

T
R
Z
BK.ORV
Δ = 356km θ = 105°
TS=77 VR=-89
Max Amp=5.83e-05 cm
BK.SPRL
Δ = 149km θ = 109°
TS=44 VR=3
Max Amp=7.22e-04 cm
BK.USAL
Δ = 158km θ = 114°
TS=51 VR=11
Max Amp=2.03e-04 cm
NC.KCPC
Δ = 185km θ = 117°
TS=52 VR=26
Max Amp=7.35e-05 cm
BK.ADAM
Δ = 332km θ = 124°
TS=81 VR=-18
Max Amp=7.45e-05 cm
BK.ORRS
Δ = 221km θ = 126°
TS=66 VR=-19
Max Amp=5.72e-05 cm
BK.BONV
Δ = 247km θ = 131°
TS=63 VR=-7
Max Amp=6.79e-05 cm
BK.HRCH
Δ = 286km θ = 136°
TS=68 VR=-15
Max Amp=1.31e-04 cm
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]
0 25 50 75 100
Time [s]

Deviatoric Moment Tensor Inversion
Evid = 75109611
Depth = 25.0 km
Mw = 3.69
M0 = 4.32e+21 dyne-cm
Percent DC/CLVD/ISO = 71/29/0
sdr = (182,61,-113) (44,36,-54)
npts = 120 vred = 7.692 km/s
VR = 2.44% lune:-8,0

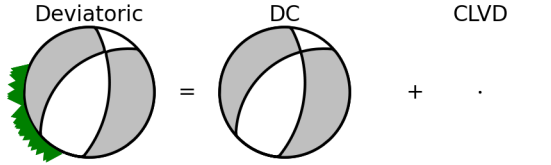


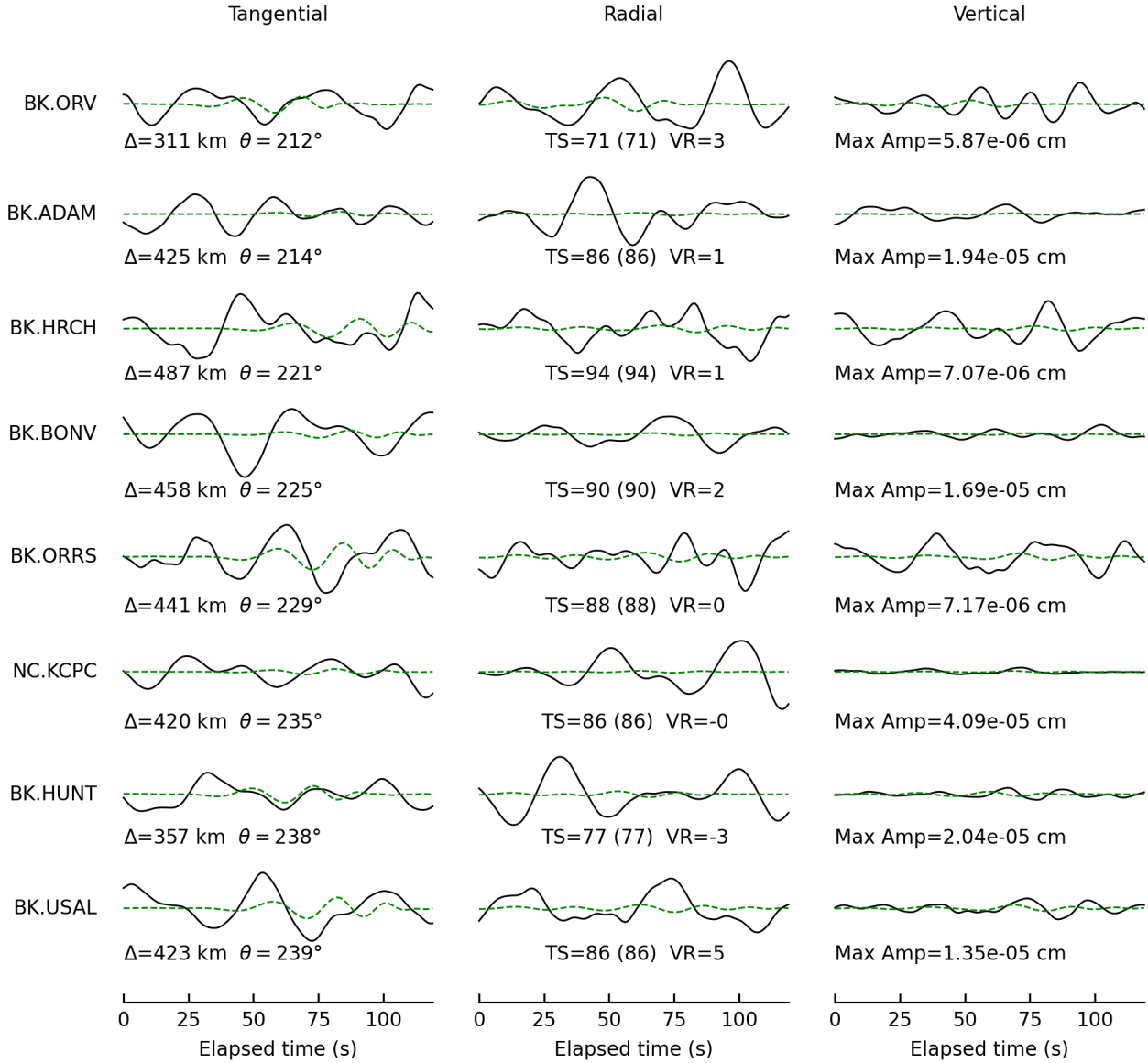


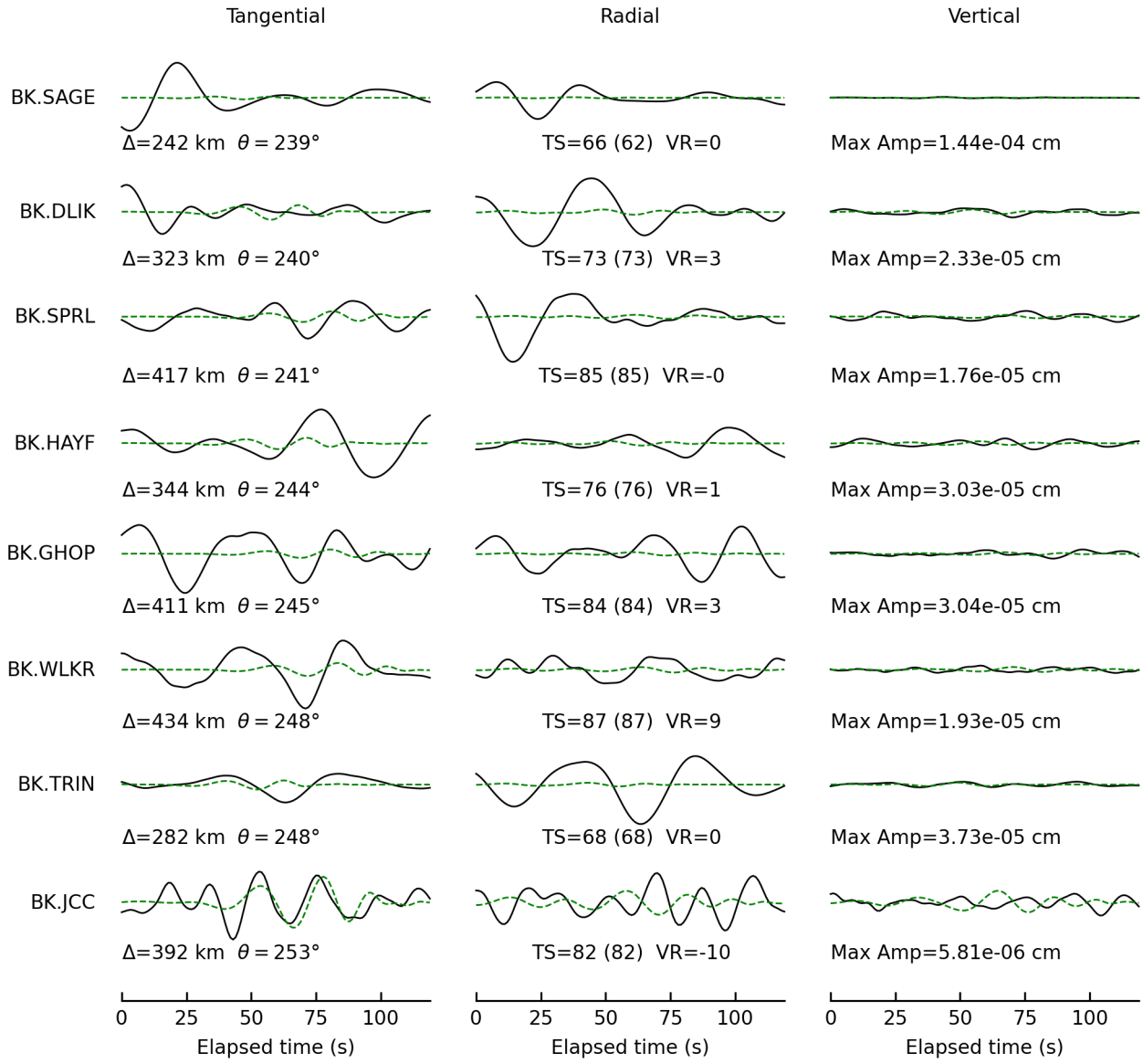

Tangential
Radial
Vertical
BK.SAGE
Δ=242 km θ = 239°
TS=62 (62) VR=2
Max Amp=1.44e-04 cm
BK.DLIK
Δ=323 km θ = 240°
TS=73 (73) VR=-5
Max Amp=2.33e-05 cm
BK.SPRL
Δ=417 km θ = 241°
TS=85 (85) VR=-0
Max Amp=1.76e-05 cm
BK.HAYF
Δ=344 km θ = 244°
TS=76 (76) VR=3
Max Amp=3.03e-05 cm
BK.GHOP
Δ=411 km θ = 245°
TS=84 (84) VR=9
Max Amp=3.04e-05 cm
BK.WLKR
Δ=434 km θ = 248°
TS=87 (87) VR=18
Max Amp=1.93e-05 cm
BK.TRIN
Δ=282 km θ = 248°
TS=68 (68) VR=-0
Max Amp=3.73e-05 cm
BK.JCC
Δ=392 km θ = 253°
TS=82 (82) VR=2
Max Amp=6.78e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

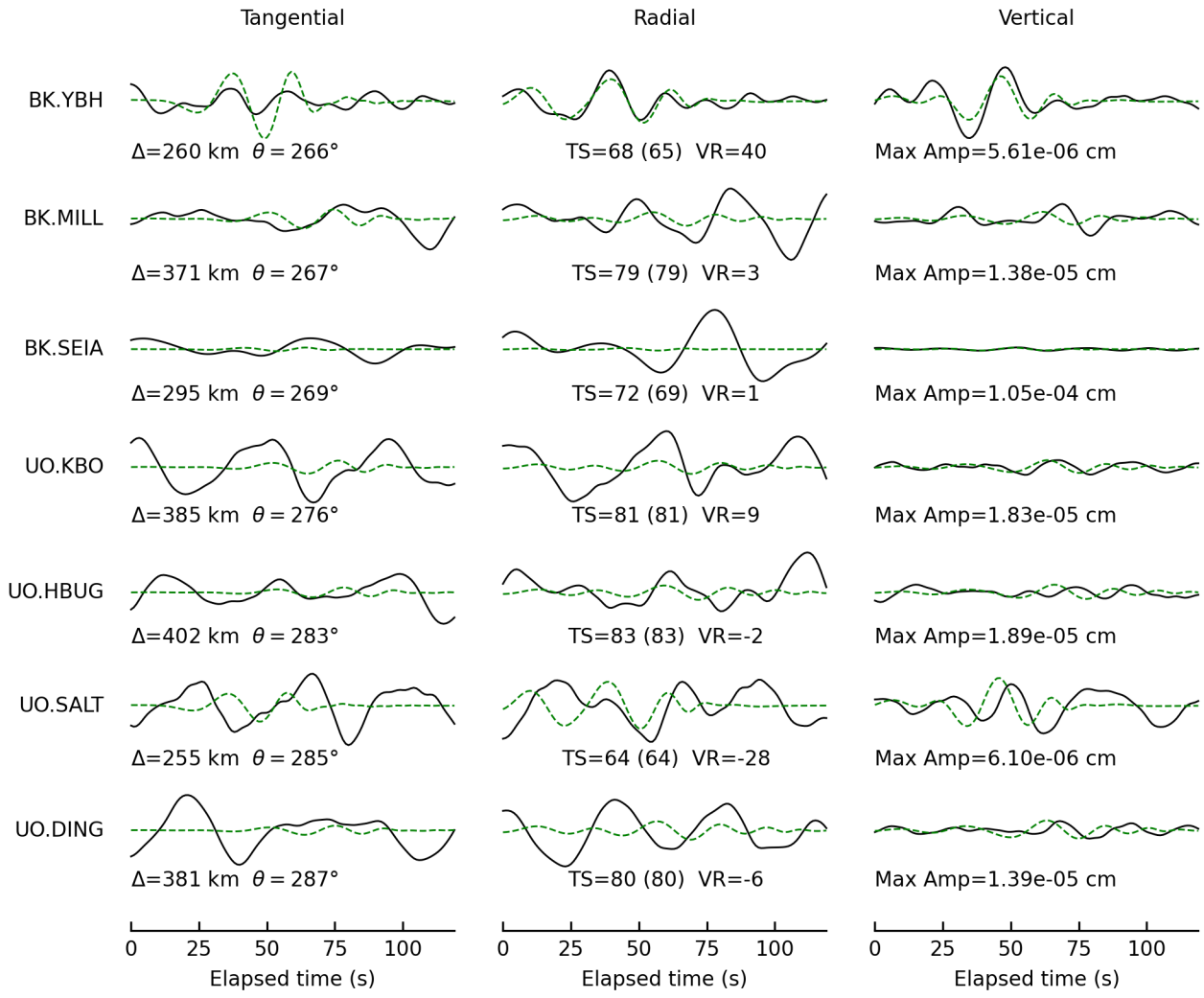

Tangential
Radial
Vertical
BK.YBH
Δ=260 km θ = 266°
TS=64 (65) VR=-31
Max Amp=7.23e-06 cm
BK.MILL
Δ=371 km θ = 267°
TS=79 (79) VR=-0
Max Amp=1.38e-05 cm
BK.SEIA
Δ=295 km θ = 269°
TS=69 (69) VR=2
Max Amp=1.05e-04 cm
UO.KBO
Δ=385 km θ = 276°
TS=81 (81) VR=9
Max Amp=1.83e-05 cm
UO.HBUG
Δ=402 km θ = 283°
TS=83 (83) VR=4
Max Amp=1.89e-05 cm
UO.SALT
Δ=255 km θ = 285°
TS=64 (64) VR=-23
Max Amp=6.10e-06 cm
UO.DING
Δ=381 km θ = 287°
TS=80 (80) VR=-1
Max Amp=1.39e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)

Deviatoric Moment Tensor Inversion
Evid = 75109611
Depth = 2.0 km
Mw = 3.37
M0 = 1.41e+21 dyne-cm
Percent DC/CLVD/ISO = 100/0/0
sdr = (229,43,-55) (6,56,-118)
npts = 120 vred = 7.692 km/s
VR = 1.02% lune:0,0






Tangential
Radial
Vertical
BK.SAGE
Δ=242 km θ = 239°
TS=66 (62) VR=0
Max Amp=1.44e-04 cm
BK.DLIK
Δ=323 km θ = 240°
TS=73 (73) VR=3
Max Amp=2.33e-05 cm
BK.SPRL
Δ=417 km θ = 241°
TS=85 (85) VR=-0
Max Amp=1.76e-05 cm
BK.HAYF
Δ=344 km θ = 244°
TS=76 (76) VR=1
Max Amp=3.03e-05 cm
BK.GHOP
Δ=411 km θ = 245°
TS=84 (84) VR=3
Max Amp=3.04e-05 cm
BK.WLKR
Δ=434 km θ = 248°
TS=87 (87) VR=9
Max Amp=1.93e-05 cm
BK.TRIN
Δ=282 km θ = 248°
TS=68 (68) VR=0
Max Amp=3.73e-05 cm
BK.JCC
Δ=392 km θ = 253°
TS=82 (82) VR=-10
Max Amp=5.81e-06 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)


Tangential
Radial
Vertical
BK.YBH
Δ=260 km θ = 266°
TS=68 (65) VR=40
Max Amp=5.61e-06 cm
BK.MILL
Δ=371 km θ = 267°
TS=79 (79) VR=3
Max Amp=1.38e-05 cm
BK.SEIA
Δ=295 km θ = 269°
TS=72 (69) VR=1
Max Amp=1.05e-04 cm
UO.KBO
Δ=385 km θ = 276°
TS=81 (81) VR=9
Max Amp=1.83e-05 cm
UO.HBUG
Δ=402 km θ = 283°
TS=83 (83) VR=-2
Max Amp=1.89e-05 cm
UO.SALT
Δ=255 km θ = 285°
TS=64 (64) VR=-28
Max Amp=6.10e-06 cm
UO.DING
Δ=381 km θ = 287°
TS=80 (80) VR=-6
Max Amp=1.39e-05 cm
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)
0 25 50 75 100
Elapsed time (s)