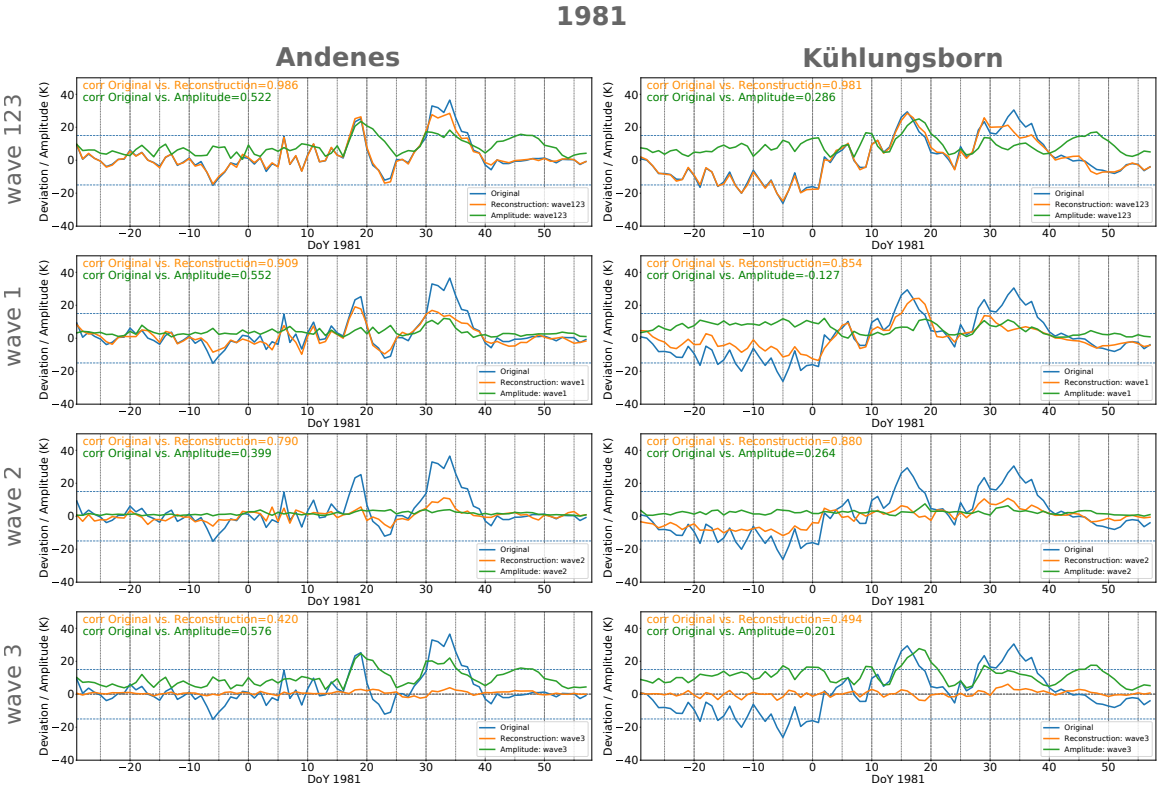
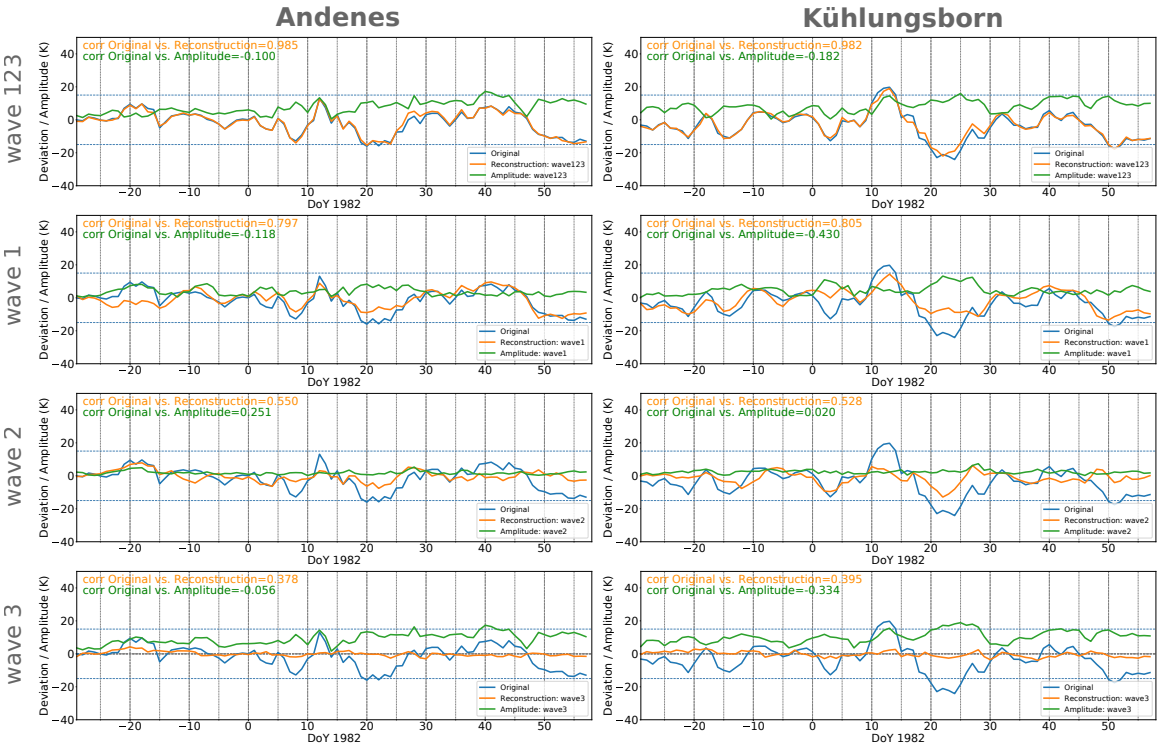
Local Stratopause Temperature Variabilities and their Embedding in the Global Context: Supplementary Material

Ronald Eixmann, Vivien Matthias, Gerd Baumgarten, Michael Gerding and Josef Höffner

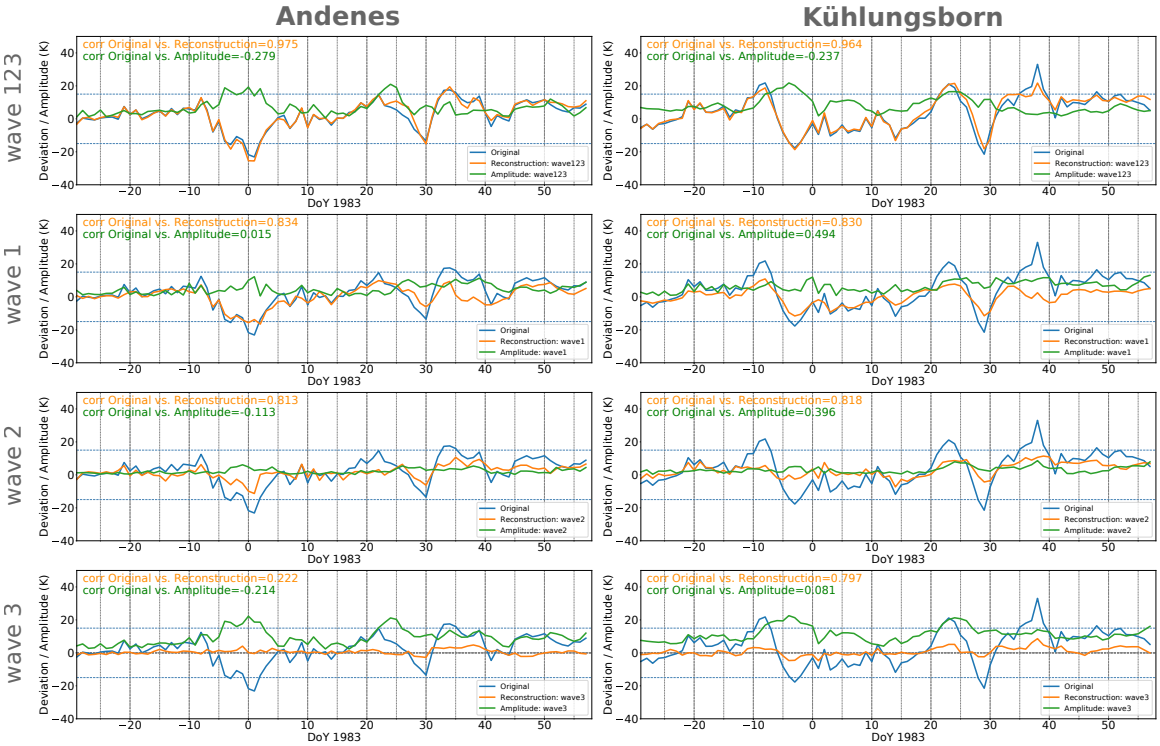
The following figures are similar to Figure 4 in the paper but for all available winter between 1981 and 2019.



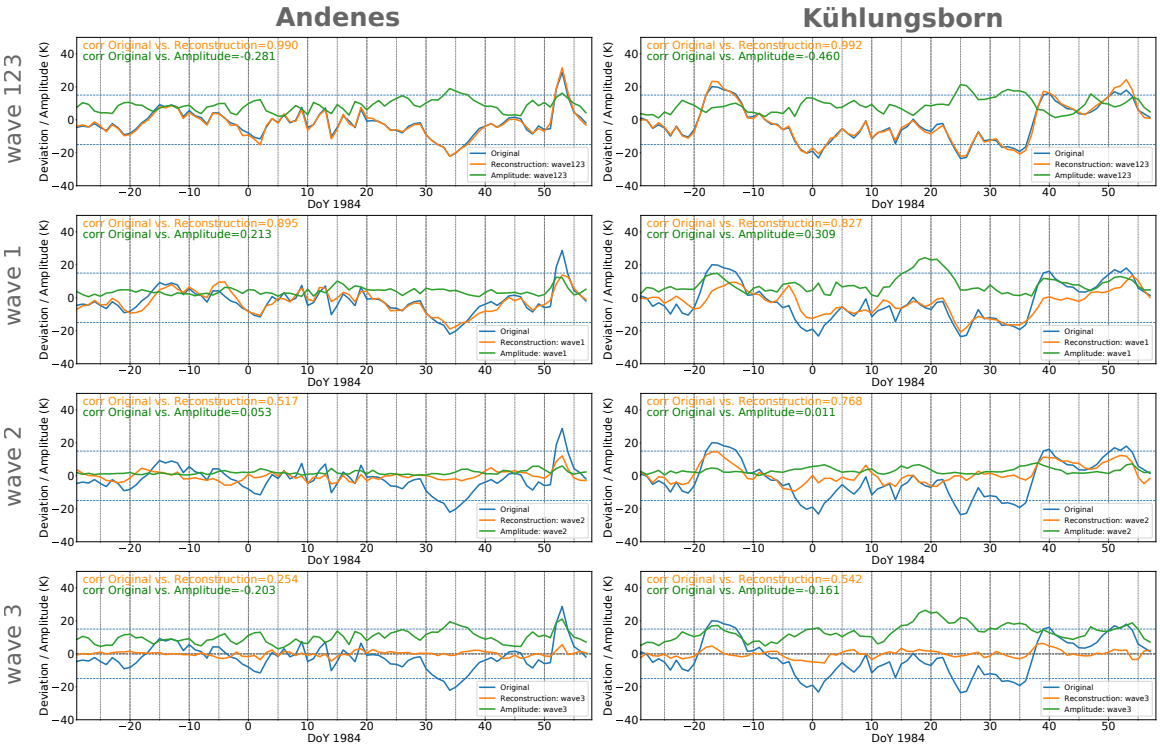
1982


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.985
corr Original vs. Amplitude=-0.100
corr Original vs. Reconstruction=0.982
corr Original vs. Amplitude=-0.182
corr Original vs. Reconstruction=0.797
corr Original vs. Amplitude=-0.118
corr Original vs. Reconstruction=0.805
corr Original vs. Amplitude=-0.430
corr Original vs. Reconstruction=0.550
corr Original vs. Amplitude=0.251
corr Original vs. Reconstruction=0.528
corr Original vs. Amplitude=0.020
corr Original vs. Reconstruction=0.378
corr Original vs. Amplitude=-0.056
corr Original vs. Reconstruction=0.395
corr Original vs. Amplitude=-0.334
Deviation / Amplitude (K)
DoY 1982
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

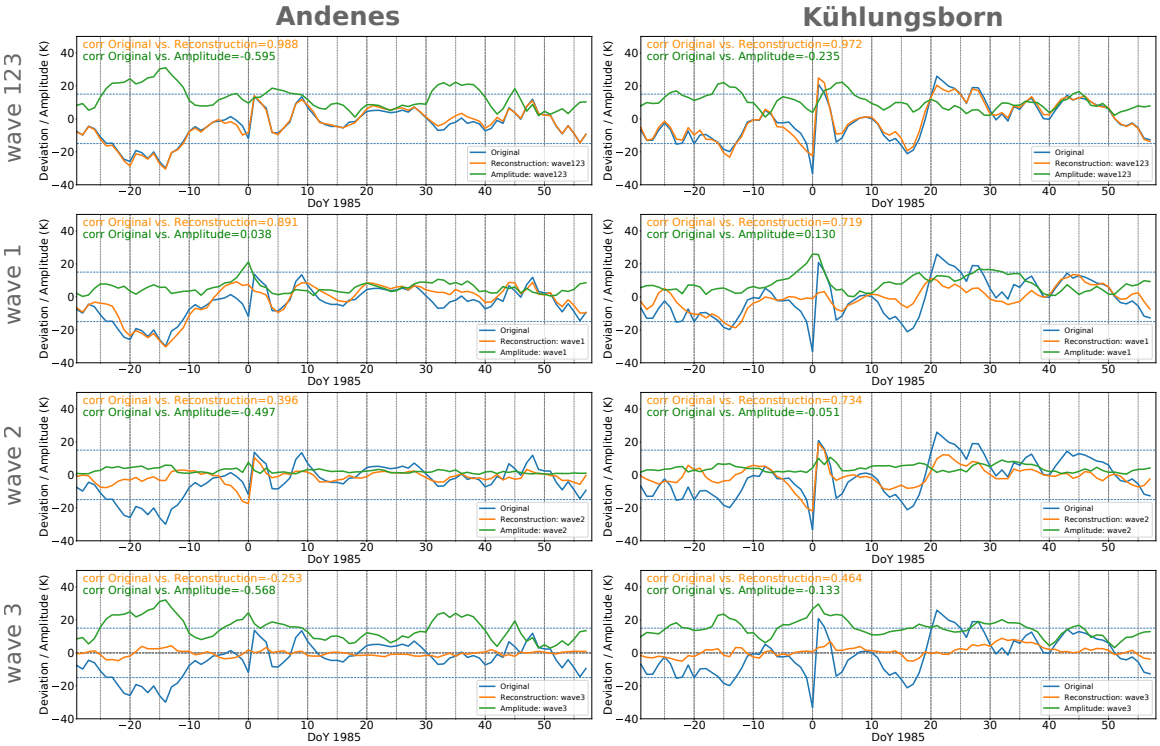
1983


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.975
corr Original vs. Amplitude=-0.279
corr Original vs. Reconstruction=0.964
corr Original vs. Amplitude=-0.237
corr Original vs. Reconstruction=0.834
corr Original vs. Amplitude=0.015
corr Original vs. Reconstruction=0.830
corr Original vs. Amplitude=0.494
corr Original vs. Reconstruction=0.813
corr Original vs. Amplitude=-0.113
corr Original vs. Reconstruction=0.818
corr Original vs. Amplitude=0.396
corr Original vs. Reconstruction=0.222
corr Original vs. Amplitude=-0.214
corr Original vs. Reconstruction=0.797
corr Original vs. Amplitude=0.081
Deviation / Amplitude (K)
DoY 1983
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

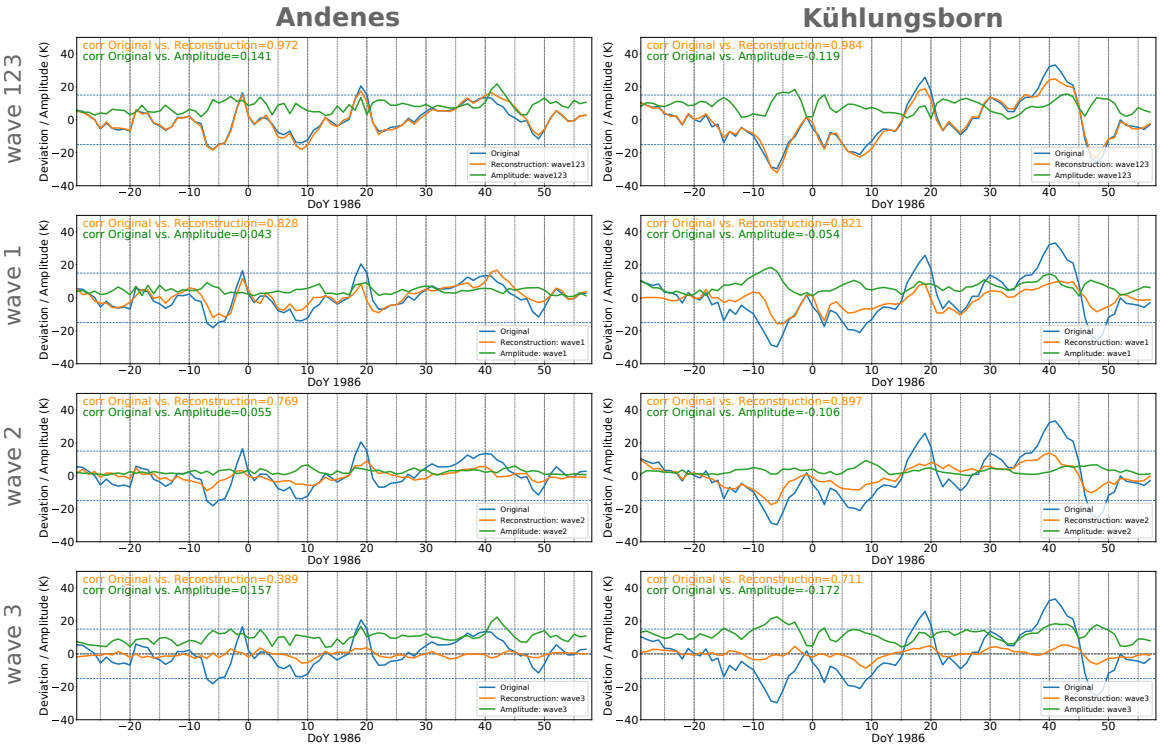
1984


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.990
corr Original vs. Amplitude=-0.281
corr Original vs. Reconstruction=0.992
corr Original vs. Amplitude=-0.460
corr Original vs. Reconstruction=0.895
corr Original vs. Amplitude=0.213
corr Original vs. Reconstruction=0.827
corr Original vs. Amplitude=0.309
corr Original vs. Reconstruction=0.517
corr Original vs. Amplitude=0.053
corr Original vs. Reconstruction=0.768
corr Original vs. Amplitude=0.011
corr Original vs. Reconstruction=0.254
corr Original vs. Amplitude=-0.203
corr Original vs. Reconstruction=0.542
corr Original vs. Amplitude=-0.161
Deviation / Amplitude (K)
DoY 1984
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

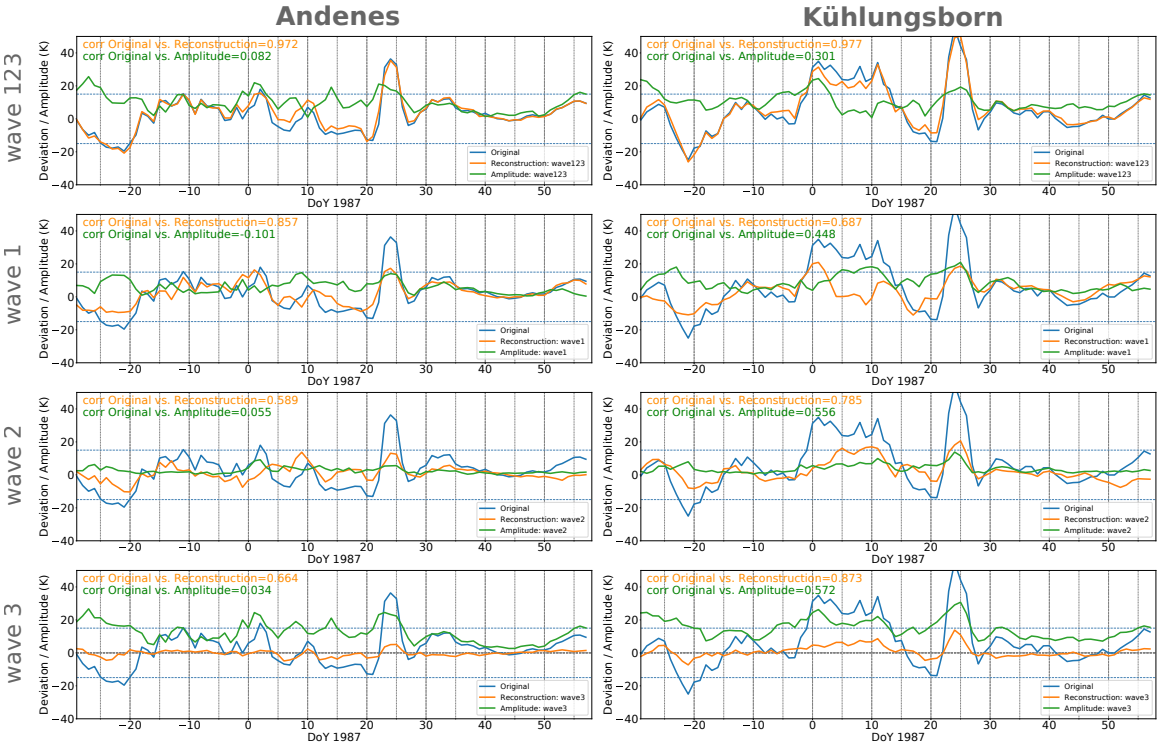
1985


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.988
corr Original vs. Amplitude=-0.595
corr Original vs. Reconstruction=0.972
corr Original vs. Amplitude=-0.235
corr Original vs. Reconstruction=0.891
corr Original vs. Amplitude=0.038
corr Original vs. Reconstruction=0.719
corr Original vs. Amplitude=0.130
corr Original vs. Reconstruction=0.396
corr Original vs. Amplitude=-0.497
corr Original vs. Reconstruction=0.734
corr Original vs. Amplitude=-0.051
corr Original vs. Reconstruction=-0.253
corr Original vs. Amplitude=-0.568
corr Original vs. Reconstruction=0.464
corr Original vs. Amplitude=-0.133
Deviation / Amplitude (K)
DoY 1985
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

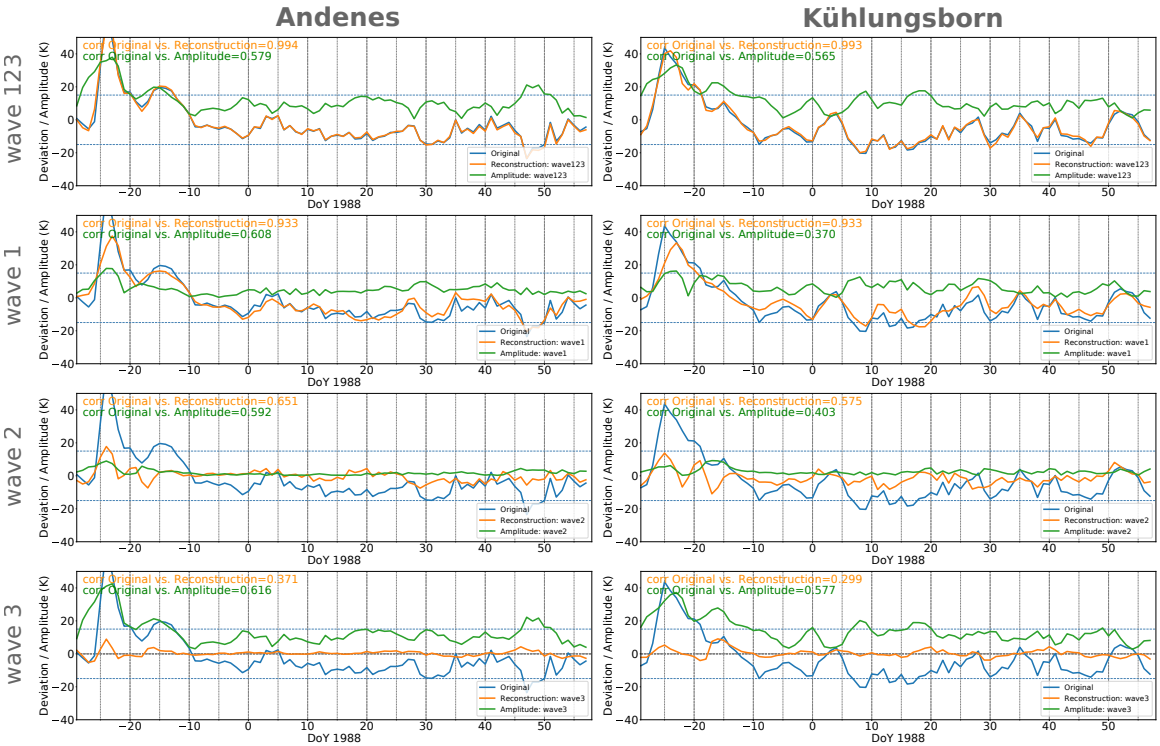
1986


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.972
corr Original vs. Amplitude=0.141
corr Original vs. Reconstruction=0.984
corr Original vs. Amplitude=-0.119
corr Original vs. Reconstruction=0.828
corr Original vs. Amplitude=0.043
corr Original vs. Reconstruction=0.821
corr Original vs. Amplitude=-0.054
corr Original vs. Reconstruction=0.769
corr Original vs. Amplitude=0.055
corr Original vs. Reconstruction=0.897
corr Original vs. Amplitude=-0.106
corr Original vs. Reconstruction=0.389
corr Original vs. Amplitude=0.157
corr Original vs. Reconstruction=0.711
corr Original vs. Amplitude=-0.172
Deviation / Amplitude (K)
DoY 1986
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

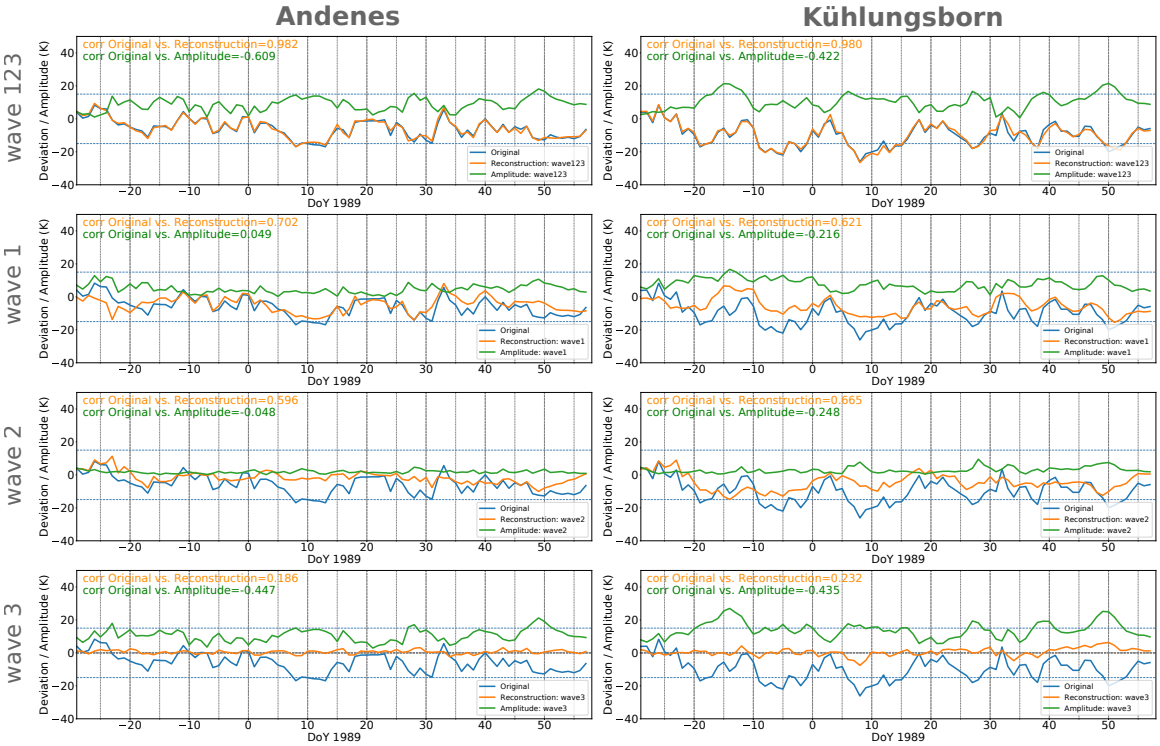
1987

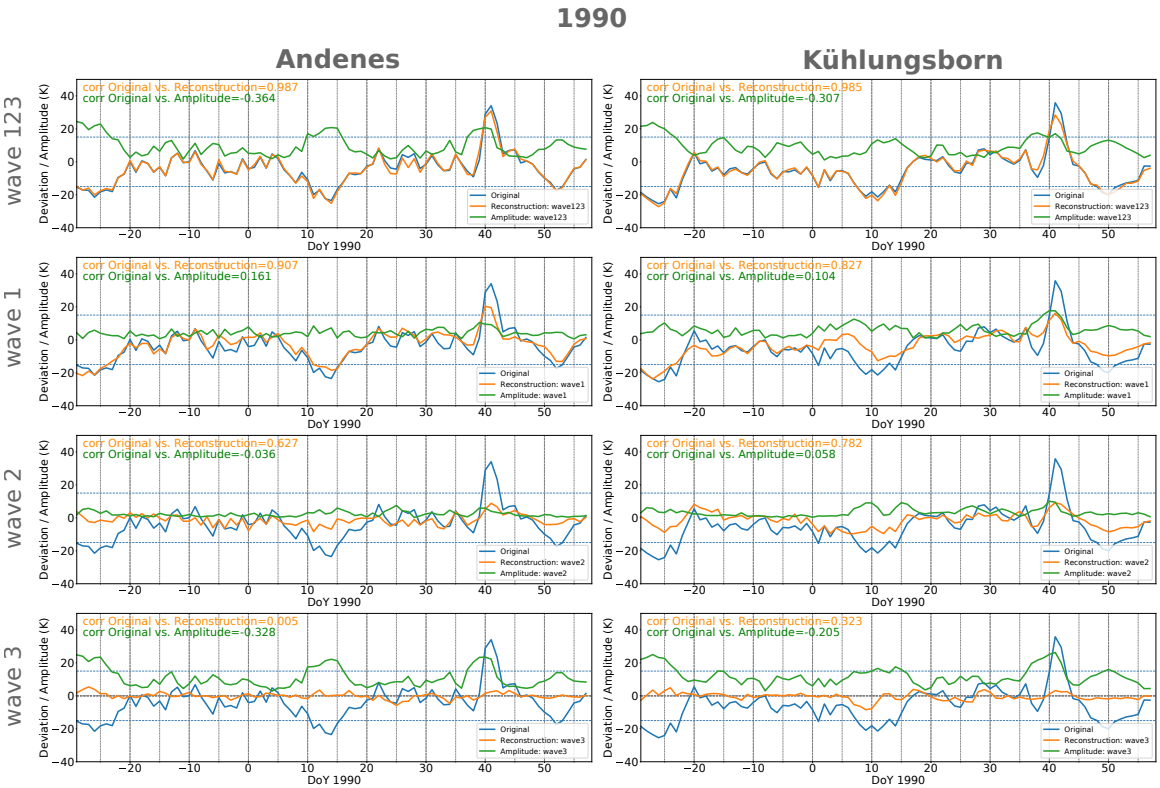

Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.972
corr Original vs. Amplitude=0.082
corr Original vs. Reconstruction=0.977
corr Original vs. Amplitude=0.301
corr Original vs. Reconstruction=0.857
corr Original vs. Amplitude=-0.101
corr Original vs. Reconstruction=0.687
corr Original vs. Amplitude=0.448
corr Original vs. Reconstruction=0.589
corr Original vs. Amplitude=0.055
corr Original vs. Reconstruction=0.785
corr Original vs. Amplitude=0.556
corr Original vs. Reconstruction=0.664
corr Original vs. Amplitude=0.034
corr Original vs. Reconstruction=0.873
corr Original vs. Amplitude=0.572
Deviation / Amplitude (K)
DoY 1987
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

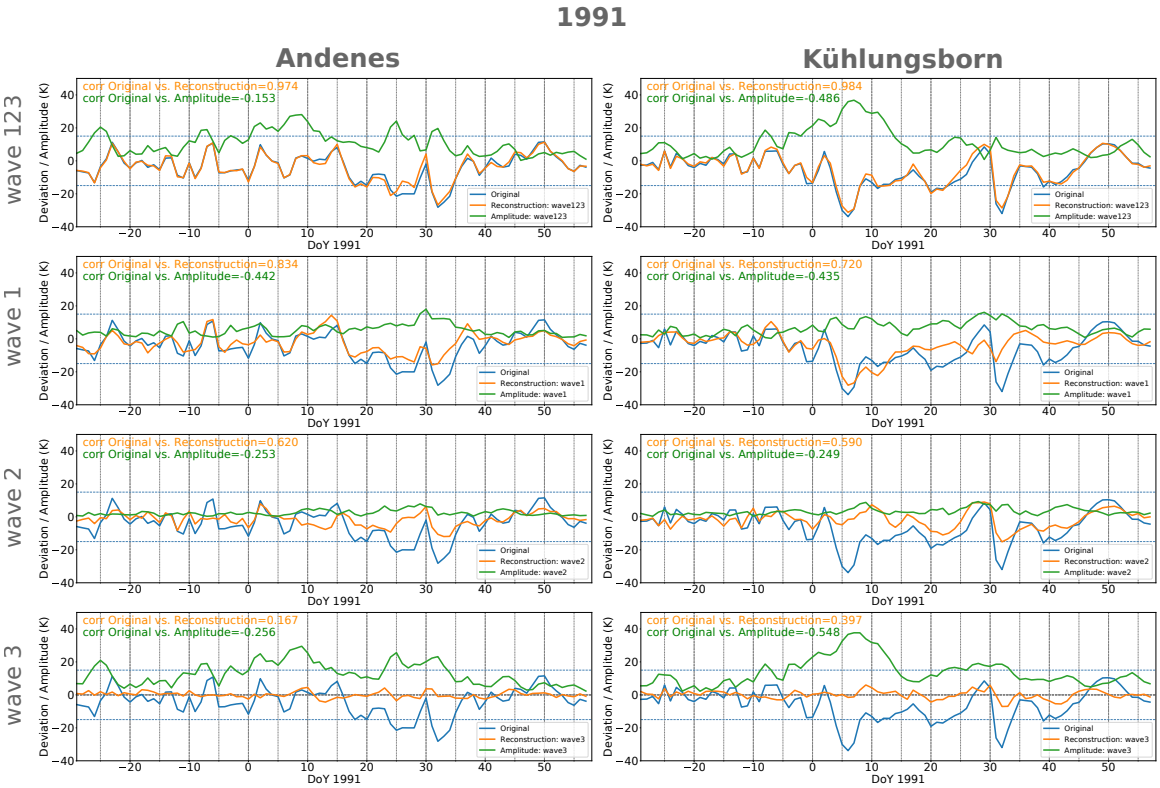
1988


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.994
corr Original vs. Amplitude=0.579
corr Original vs. Reconstruction=0.993
corr Original vs. Amplitude=0.565
corr Original vs. Reconstruction=0.933
corr Original vs. Amplitude=0.608
corr Original vs. Reconstruction=0.933
corr Original vs. Amplitude=0.370
corr Original vs. Reconstruction=0.651
corr Original vs. Amplitude=0.592
corr Original vs. Reconstruction=0.575
corr Original vs. Amplitude=0.403
corr Original vs. Reconstruction=0.371
corr Original vs. Amplitude=0.616
corr Original vs. Reconstruction=0.299
corr Original vs. Amplitude=0.577
Deviation / Amplitude (K)
DoY 1988
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

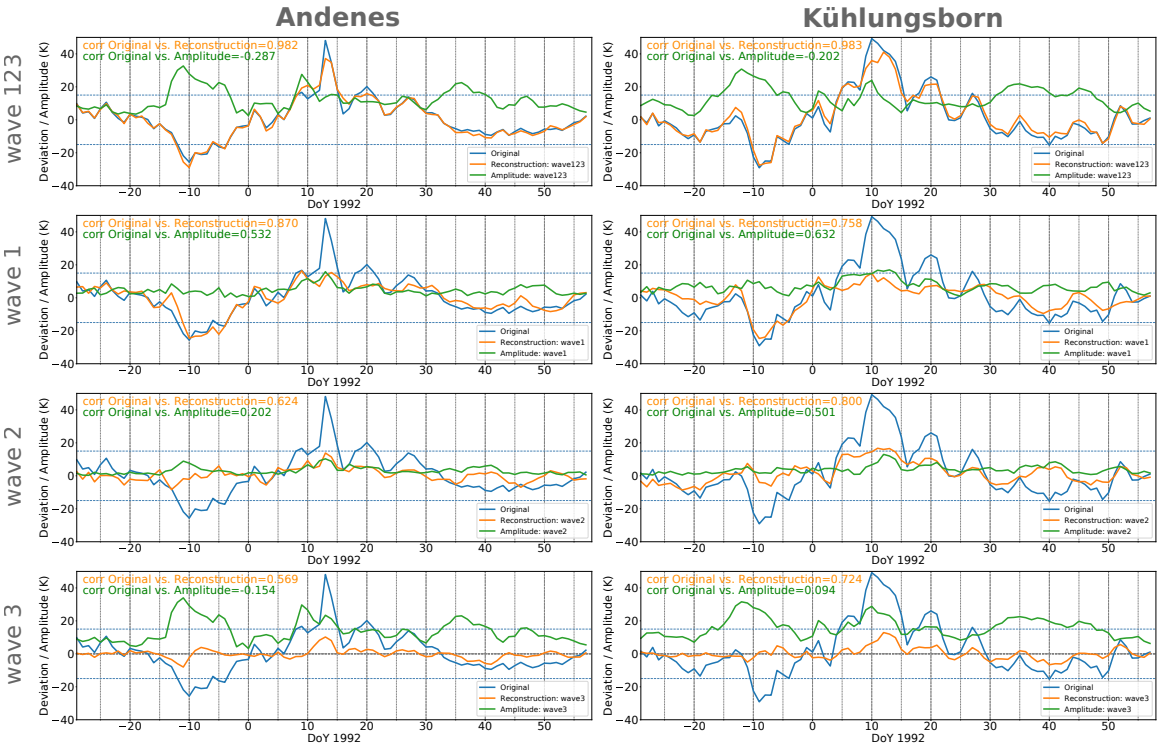
1989


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.982
corr Original vs. Amplitude=-0.609
corr Original vs. Reconstruction=0.980
corr Original vs. Amplitude=-0.422
corr Original vs. Reconstruction=0.702
corr Original vs. Amplitude=0.049
corr Original vs. Reconstruction=0.621
corr Original vs. Amplitude=-0.216
corr Original vs. Reconstruction=0.596
corr Original vs. Amplitude=-0.048
corr Original vs. Reconstruction=0.665
corr Original vs. Amplitude=-0.248
corr Original vs. Reconstruction=0.186
corr Original vs. Amplitude=-0.447
corr Original vs. Reconstruction=0.232
corr Original vs. Amplitude=-0.435
Deviation / Amplitude (K)
DoY 1989
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

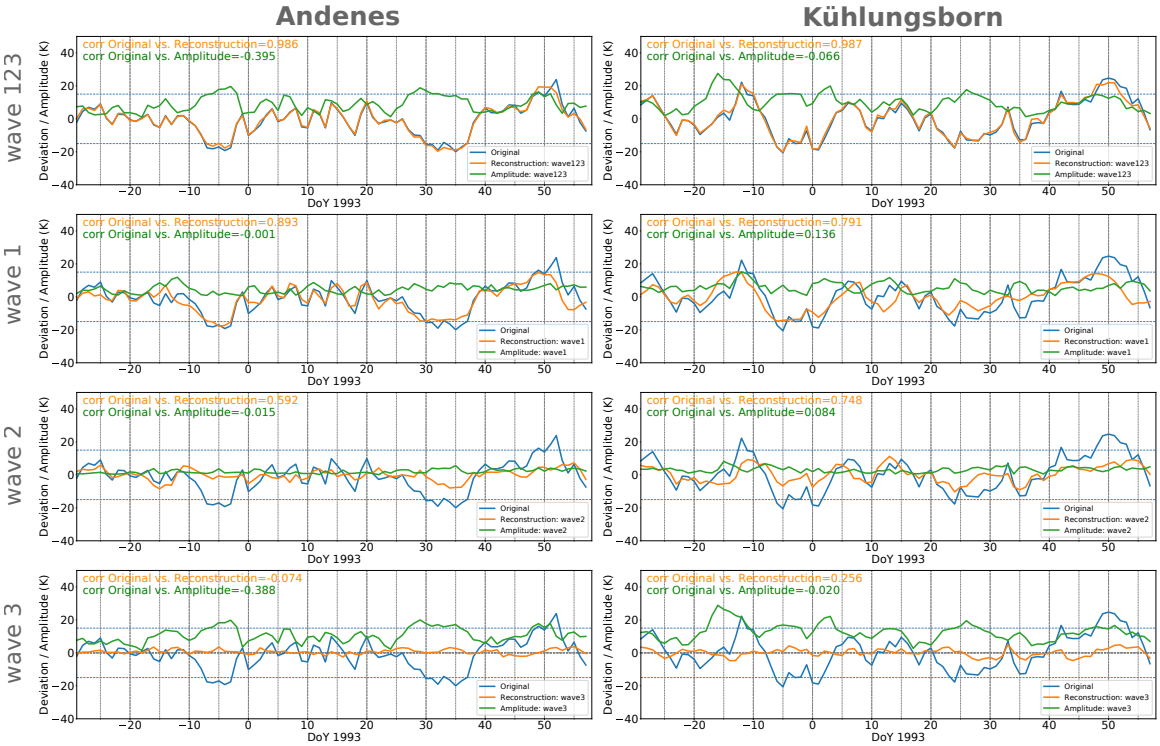

1990
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.987
corr Original vs. Amplitude=-0.364
corr Original vs. Reconstruction=0.985
corr Original vs. Amplitude=-0.307
corr Original vs. Reconstruction=0.907
corr Original vs. Amplitude=0.161
corr Original vs. Reconstruction=0.827
corr Original vs. Amplitude=0.104
corr Original vs. Reconstruction=0.627
corr Original vs. Amplitude=-0.036
corr Original vs. Reconstruction=0.782
corr Original vs. Amplitude=0.058
corr Original vs. Reconstruction=0.005
corr Original vs. Amplitude=-0.328
corr Original vs. Reconstruction=0.323
corr Original vs. Amplitude=-0.205
Deviation / Amplitude (K)
DoY 1990
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


1991
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.974
corr Original vs. Amplitude=-0.153
corr Original vs. Reconstruction=0.984
corr Original vs. Amplitude=-0.486
corr Original vs. Reconstruction=0.834
corr Original vs. Amplitude=-0.442
corr Original vs. Reconstruction=0.720
corr Original vs. Amplitude=-0.435
corr Original vs. Reconstruction=0.620
corr Original vs. Amplitude=-0.253
corr Original vs. Reconstruction=0.590
corr Original vs. Amplitude=-0.249
corr Original vs. Reconstruction=0.167
corr Original vs. Amplitude=-0.256
corr Original vs. Reconstruction=0.397
corr Original vs. Amplitude=-0.548
Deviation / Amplitude (K)
DoY 1991
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

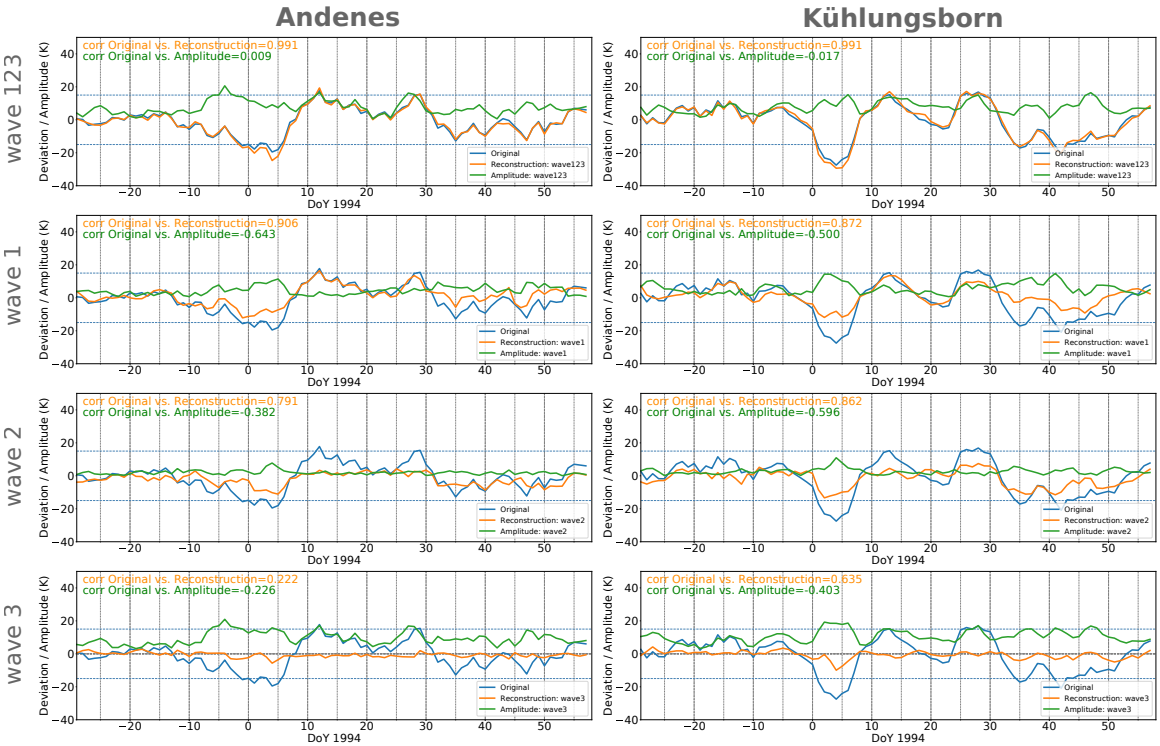
1992


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.982
corr Original vs. Amplitude=-0.287
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=-0.202
corr Original vs. Reconstruction=0.870
corr Original vs. Amplitude=0.532
corr Original vs. Reconstruction=0.758
corr Original vs. Amplitude=0.632
corr Original vs. Reconstruction=0.624
corr Original vs. Amplitude=0.202
corr Original vs. Reconstruction=0.800
corr Original vs. Amplitude=0.501
corr Original vs. Reconstruction=0.569
corr Original vs. Amplitude=-0.154
corr Original vs. Reconstruction=0.724
corr Original vs. Amplitude=0.094
Deviation / Amplitude (K)
DoY 1992
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

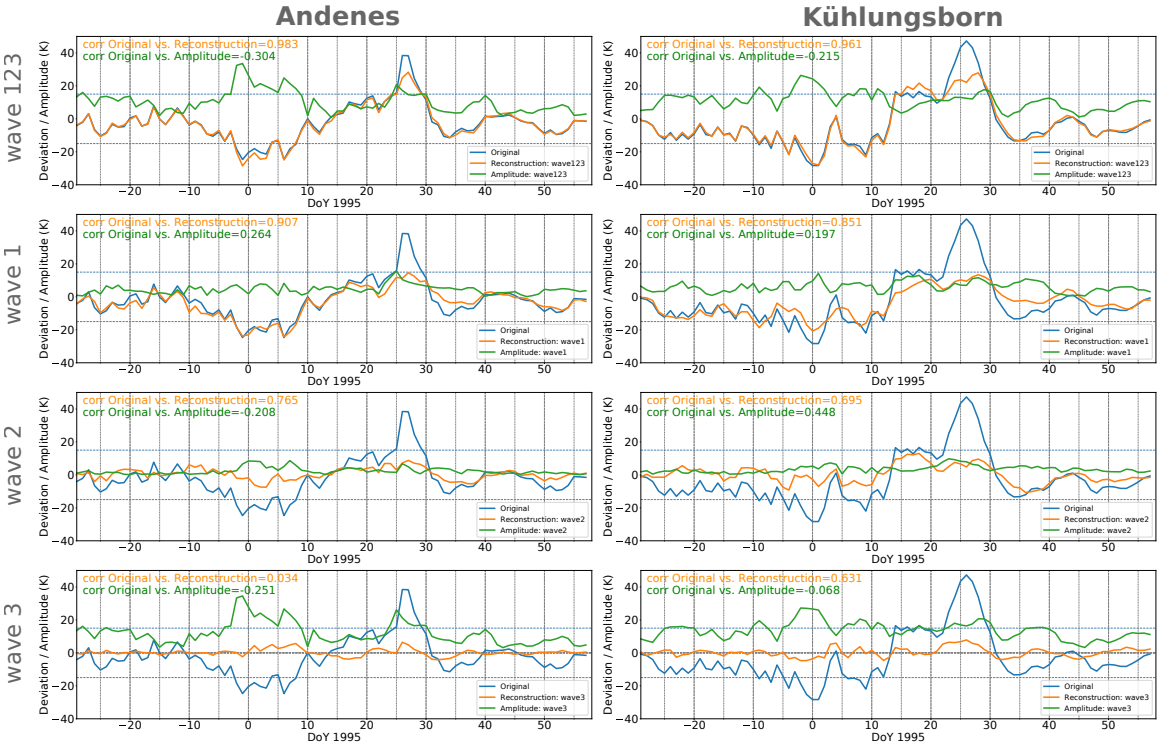
1993


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.986
corr Original vs. Amplitude=-0.395
corr Original vs. Reconstruction=0.987
corr Original vs. Amplitude=-0.066
corr Original vs. Reconstruction=0.893
corr Original vs. Amplitude=-0.001
corr Original vs. Reconstruction=0.791
corr Original vs. Amplitude=0.136
corr Original vs. Reconstruction=0.592
corr Original vs. Amplitude=-0.015
corr Original vs. Reconstruction=0.748
corr Original vs. Amplitude=0.084
corr Original vs. Reconstruction=-0.074
corr Original vs. Amplitude=-0.388
corr Original vs. Reconstruction=0.256
corr Original vs. Amplitude=-0.020
Deviation / Amplitude (K)
DoY 1993
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

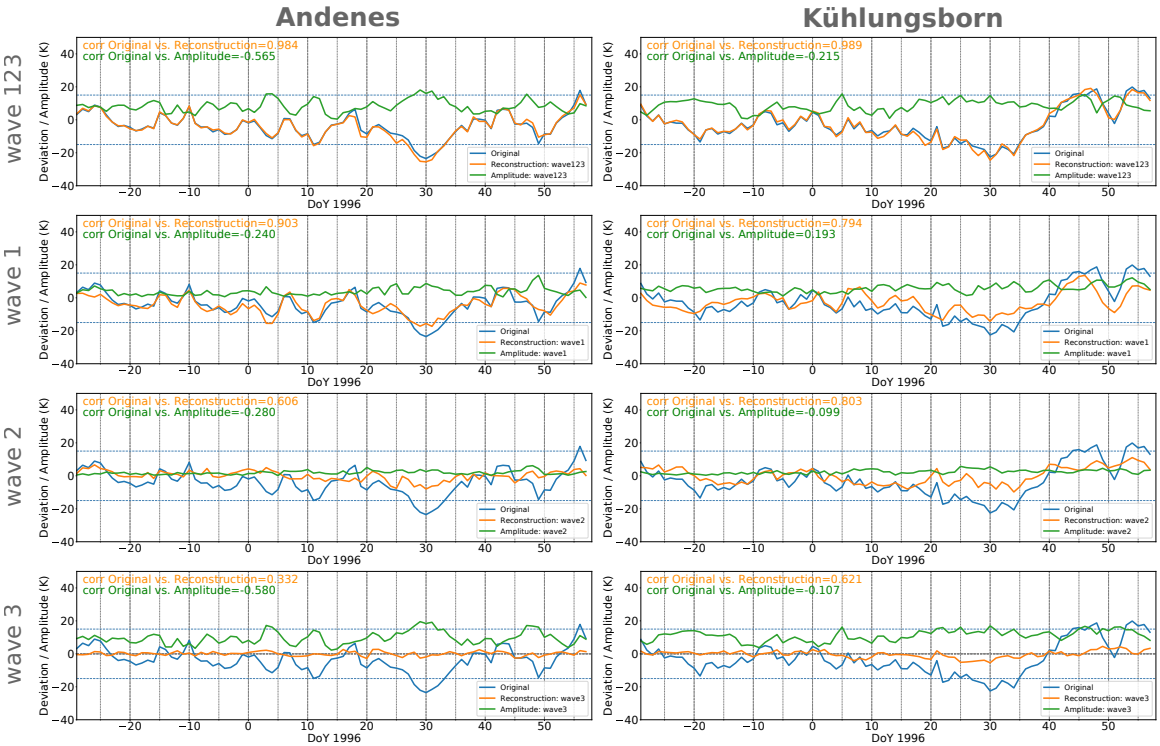
1994


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.991
corr Original vs. Amplitude=0.009
corr Original vs. Amplitude=-0.017
corr Original vs. Reconstruction=0.906
corr Original vs. Amplitude=-0.643
corr Original vs. Reconstruction=0.872
corr Original vs. Amplitude=-0.500
corr Original vs. Reconstruction=0.791
corr Original vs. Amplitude=-0.382
corr Original vs. Reconstruction=0.862
corr Original vs. Amplitude=-0.596
corr Original vs. Reconstruction=0.222
corr Original vs. Amplitude=-0.226
corr Original vs. Reconstruction=0.635
corr Original vs. Amplitude=-0.403
Deviation / Amplitude (K)
DoY 1994
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

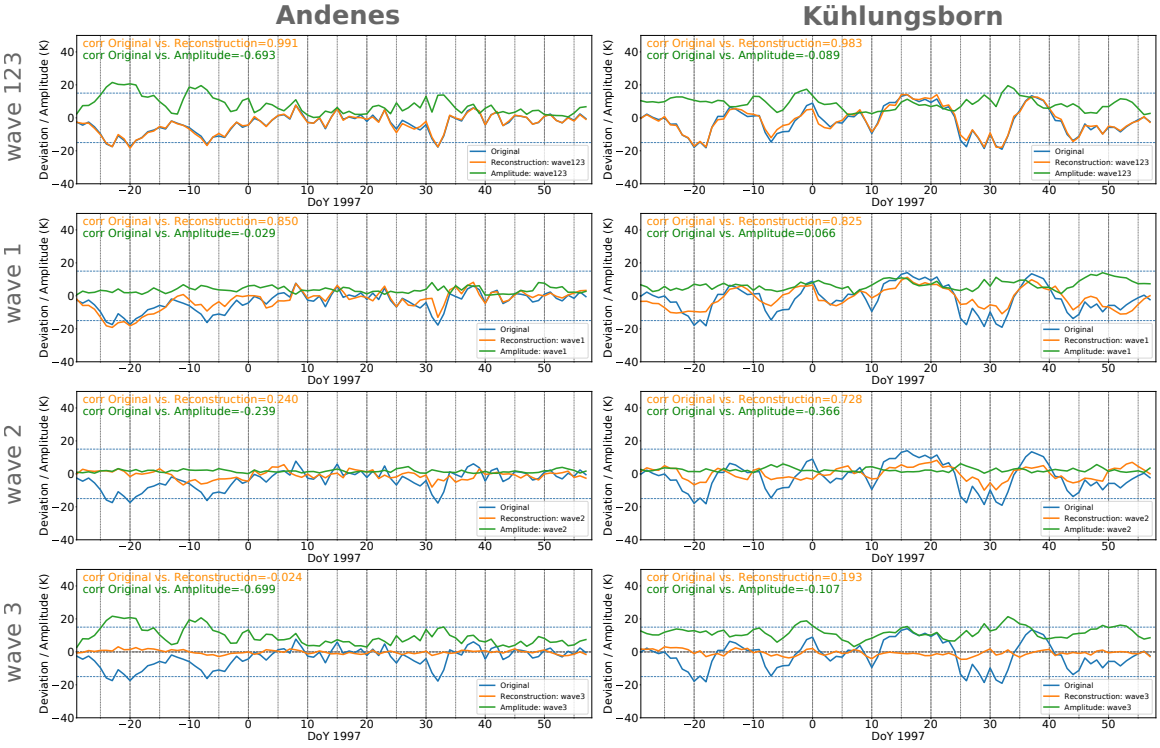
1995


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=-0.304
corr Original vs. Amplitude=-0.215
corr Original vs. Reconstruction=0.907
corr Original vs. Amplitude=0.264
corr Original vs. Amplitude=0.197
corr Original vs. Reconstruction=0.765
corr Original vs. Amplitude=-0.208
corr Original vs. Amplitude=0.448
corr Original vs. Reconstruction=0.034
corr Original vs. Amplitude=-0.251
corr Original vs. Amplitude=-0.068
Deviation / Amplitude (K)
DoY 1995
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

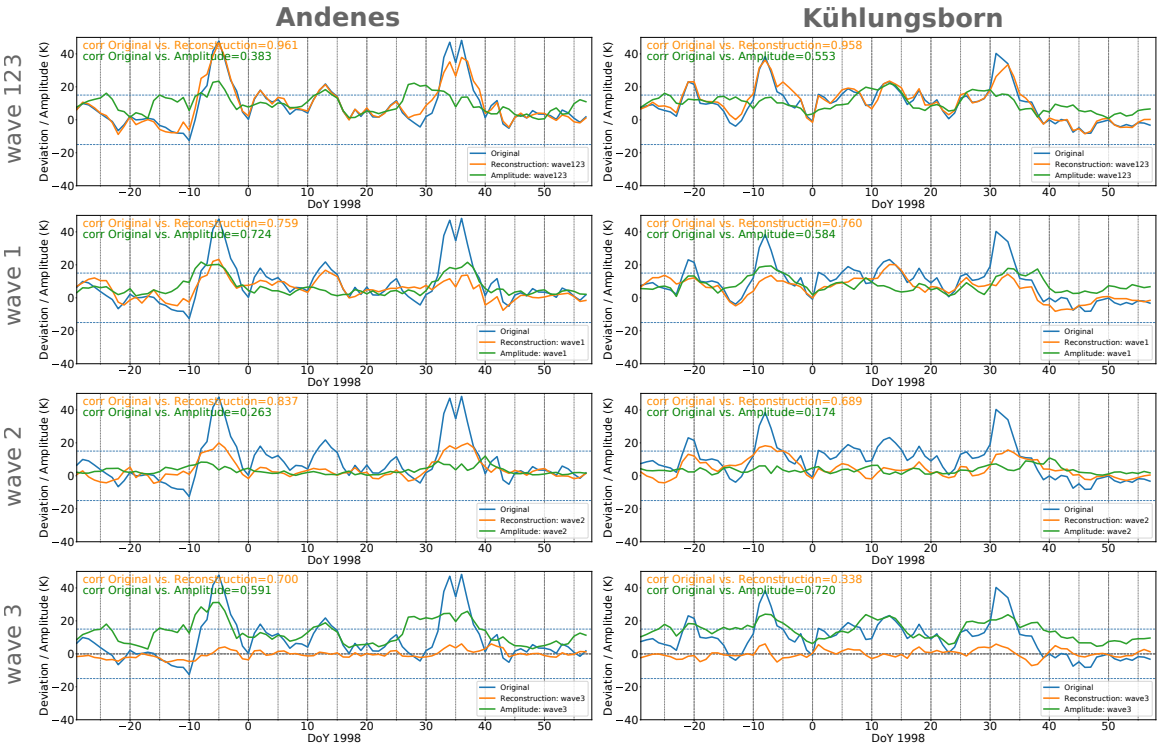
1996


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.984
corr Original vs. Amplitude=-0.565
corr Original vs. Reconstruction=0.989
corr Original vs. Amplitude=-0.215
corr Original vs. Reconstruction=0.903
corr Original vs. Amplitude=-0.240
corr Original vs. Reconstruction=0.794
corr Original vs. Amplitude=0.193
corr Original vs. Reconstruction=0.606
corr Original vs. Amplitude=-0.280
corr Original vs. Reconstruction=0.803
corr Original vs. Amplitude=-0.099
corr Original vs. Reconstruction=0.332
corr Original vs. Amplitude=-0.580
corr Original vs. Reconstruction=0.621
corr Original vs. Amplitude=-0.107
Deviation / Amplitude (K)
DoY 1996
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

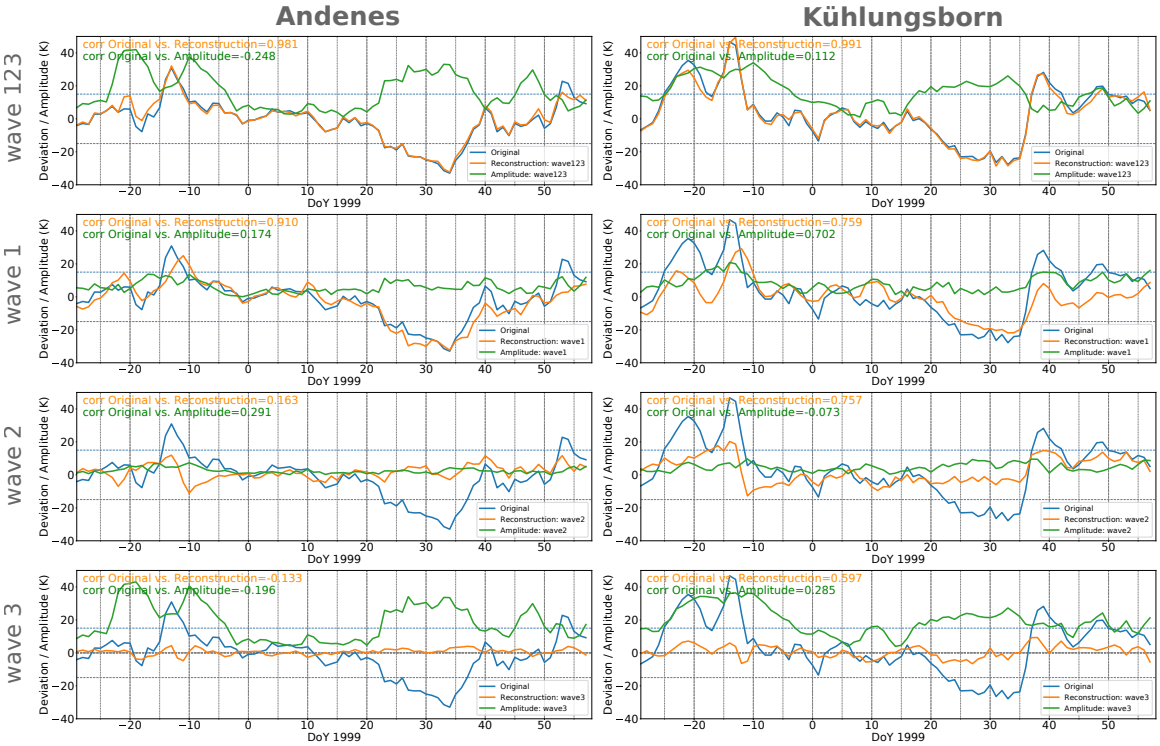
1997


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.991
corr Original vs. Amplitude=-0.693
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=-0.089
corr Original vs. Reconstruction=0.850
corr Original vs. Amplitude=-0.029
corr Original vs. Reconstruction=0.825
corr Original vs. Amplitude=0.066
corr Original vs. Reconstruction=0.240
corr Original vs. Amplitude=-0.239
corr Original vs. Reconstruction=0.728
corr Original vs. Amplitude=-0.366
corr Original vs. Reconstruction=-0.024
corr Original vs. Amplitude=-0.699
corr Original vs. Reconstruction=0.193
corr Original vs. Amplitude=-0.107
Deviation / Amplitude (K)
DoY 1997
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

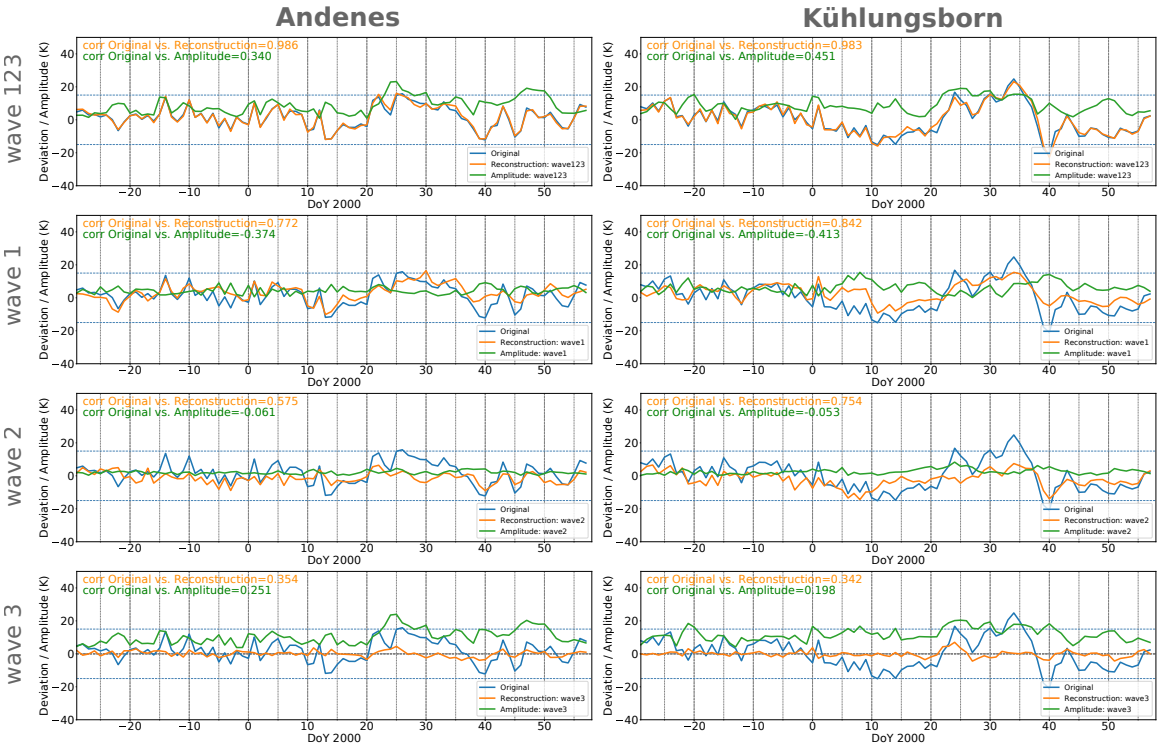
1998


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.961
corr Original vs. Amplitude=0.383
corr Original vs. Reconstruction=0.958
corr Original vs. Amplitude=0.553
corr Original vs. Reconstruction=0.759
corr Original vs. Amplitude=0.724
corr Original vs. Reconstruction=0.760
corr Original vs. Amplitude=0.584
corr Original vs. Reconstruction=0.837
corr Original vs. Amplitude=0.263
corr Original vs. Reconstruction=0.689
corr Original vs. Amplitude=0.174
corr Original vs. Reconstruction=0.700
corr Original vs. Amplitude=0.591
corr Original vs. Reconstruction=0.338
corr Original vs. Amplitude=0.720
Deviation / Amplitude (K)
DoY 1998
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

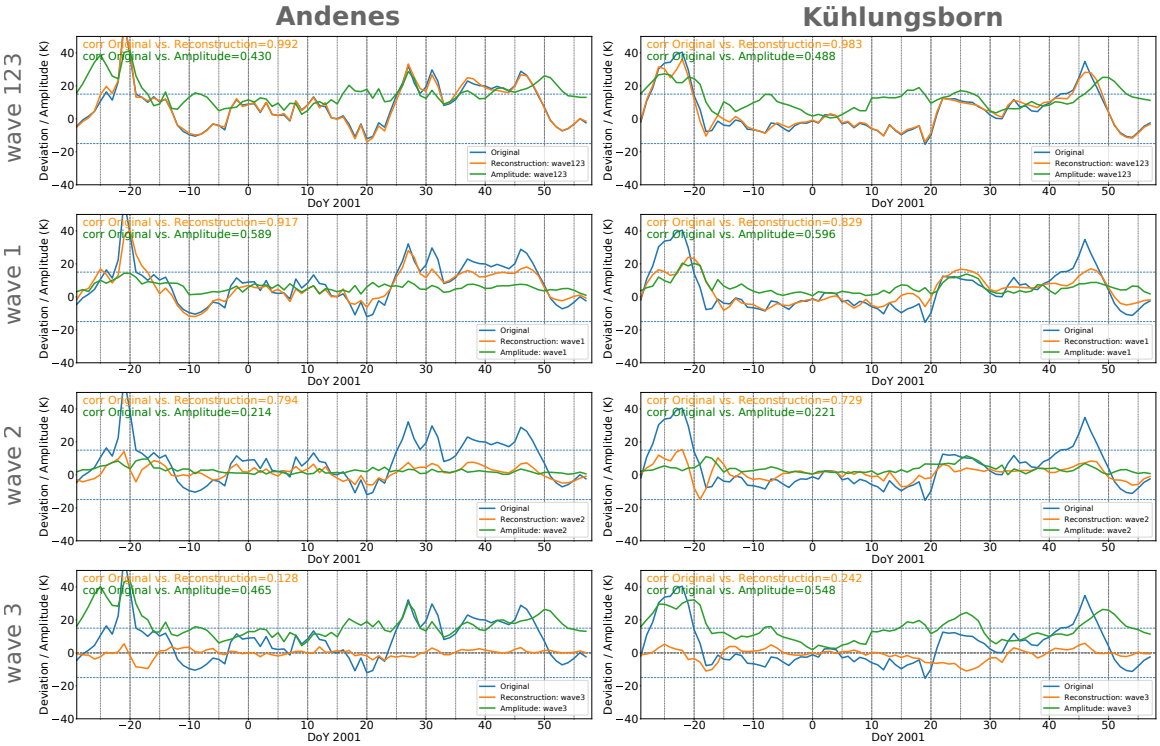
1999

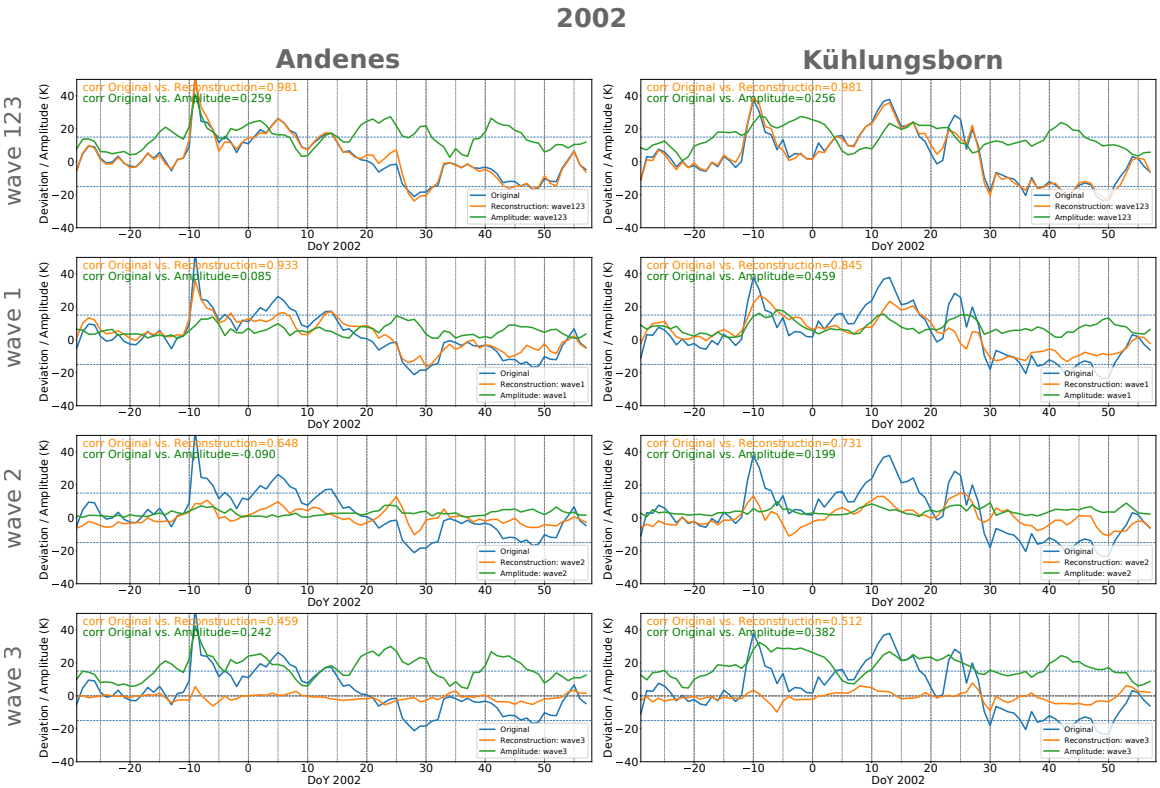

Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.981
corr Original vs. Amplitude=-0.248
corr Original vs. Reconstruction=0.991
corr Original vs. Amplitude=0.112
corr Original vs. Reconstruction=0.910
corr Original vs. Amplitude=0.174
corr Original vs. Reconstruction=0.759
corr Original vs. Amplitude=0.702
corr Original vs. Reconstruction=0.163
corr Original vs. Amplitude=0.291
corr Original vs. Reconstruction=0.757
corr Original vs. Amplitude=-0.073
corr Original vs. Reconstruction=-0.133
corr Original vs. Amplitude=-0.196
corr Original vs. Reconstruction=0.597
corr Original vs. Amplitude=0.285
Deviation / Amplitude (K)
DoY 1999
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

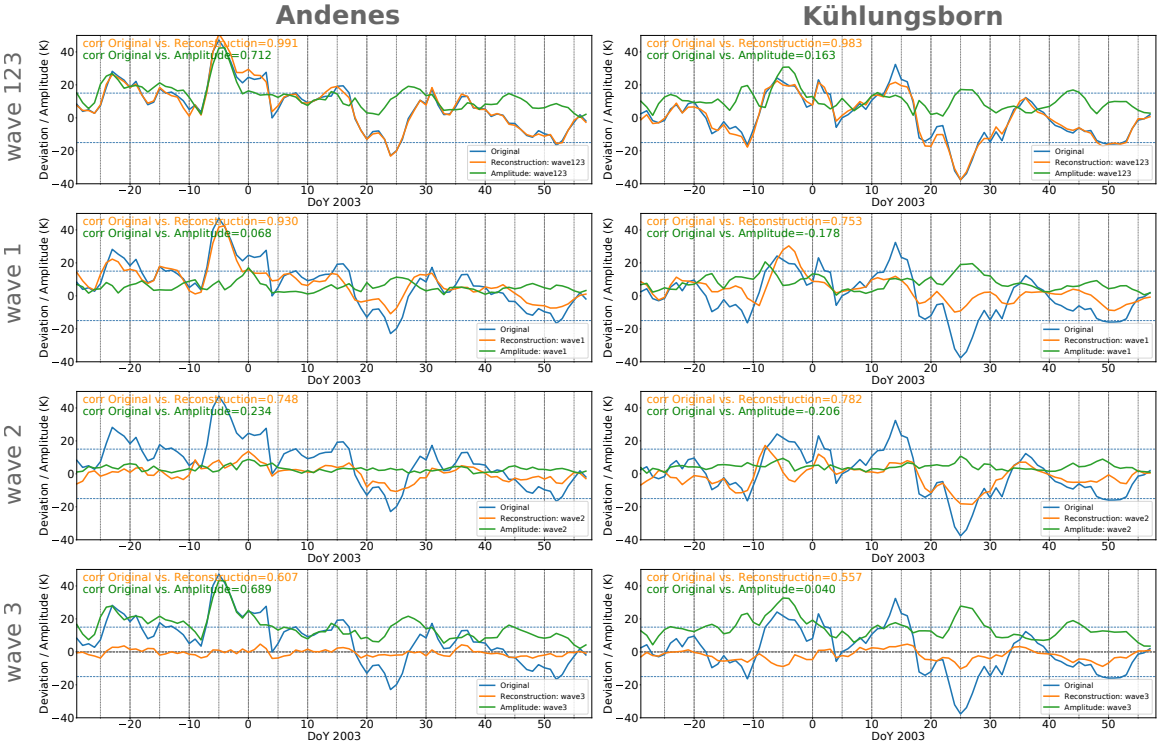
2000


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.986
corr Original vs. Amplitude=0.340
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=0.451
corr Original vs. Reconstruction=0.772
corr Original vs. Amplitude=-0.374
corr Original vs. Reconstruction=0.842
corr Original vs. Amplitude=-0.413
corr Original vs. Reconstruction=0.575
corr Original vs. Amplitude=-0.061
corr Original vs. Reconstruction=0.754
corr Original vs. Amplitude=-0.053
corr Original vs. Reconstruction=0.354
corr Original vs. Amplitude=0.251
corr Original vs. Reconstruction=0.342
corr Original vs. Amplitude=0.198
Deviation / Amplitude (K)
DoY 2000
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

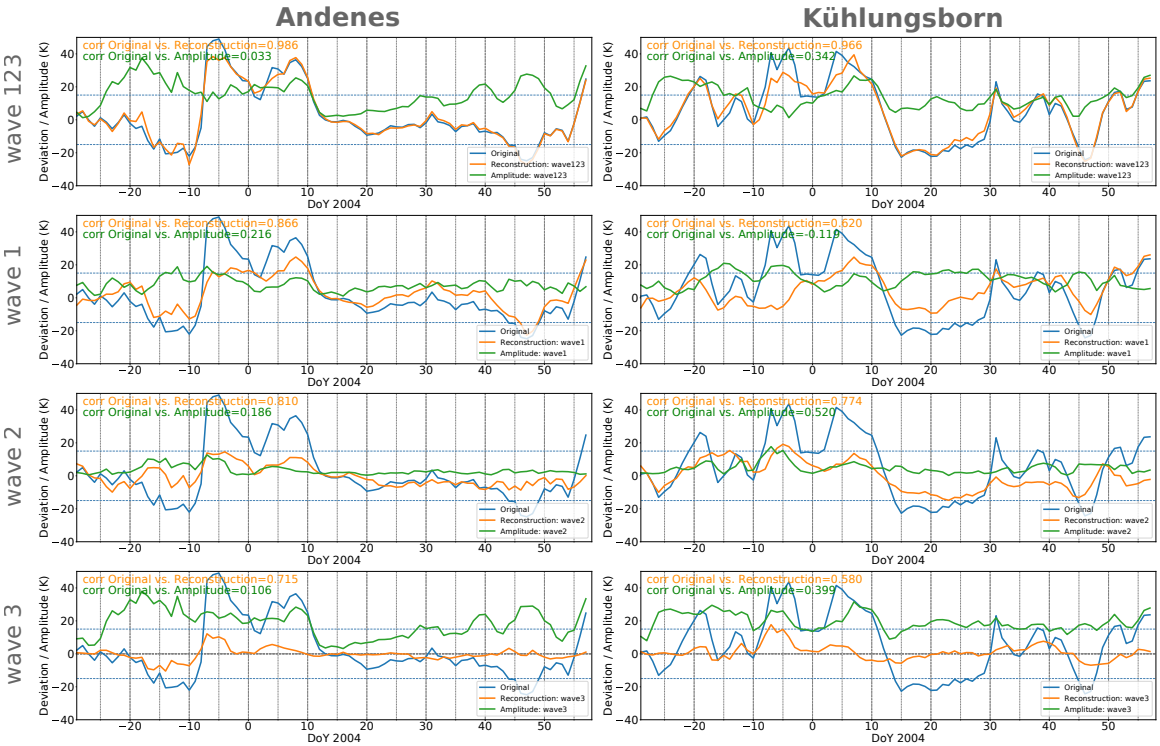
2001


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.992
corr Original vs. Amplitude=0.430
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=0.488
corr Original vs. Reconstruction=0.917
corr Original vs. Amplitude=0.589
corr Original vs. Reconstruction=0.829
corr Original vs. Amplitude=0.596
corr Original vs. Reconstruction=0.794
corr Original vs. Amplitude=0.214
corr Original vs. Reconstruction=0.729
corr Original vs. Amplitude=0.221
corr Original vs. Reconstruction=0.128
corr Original vs. Amplitude=0.465
corr Original vs. Reconstruction=0.242
corr Original vs. Amplitude=0.548
Deviation / Amplitude (K)
DoY 2001
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

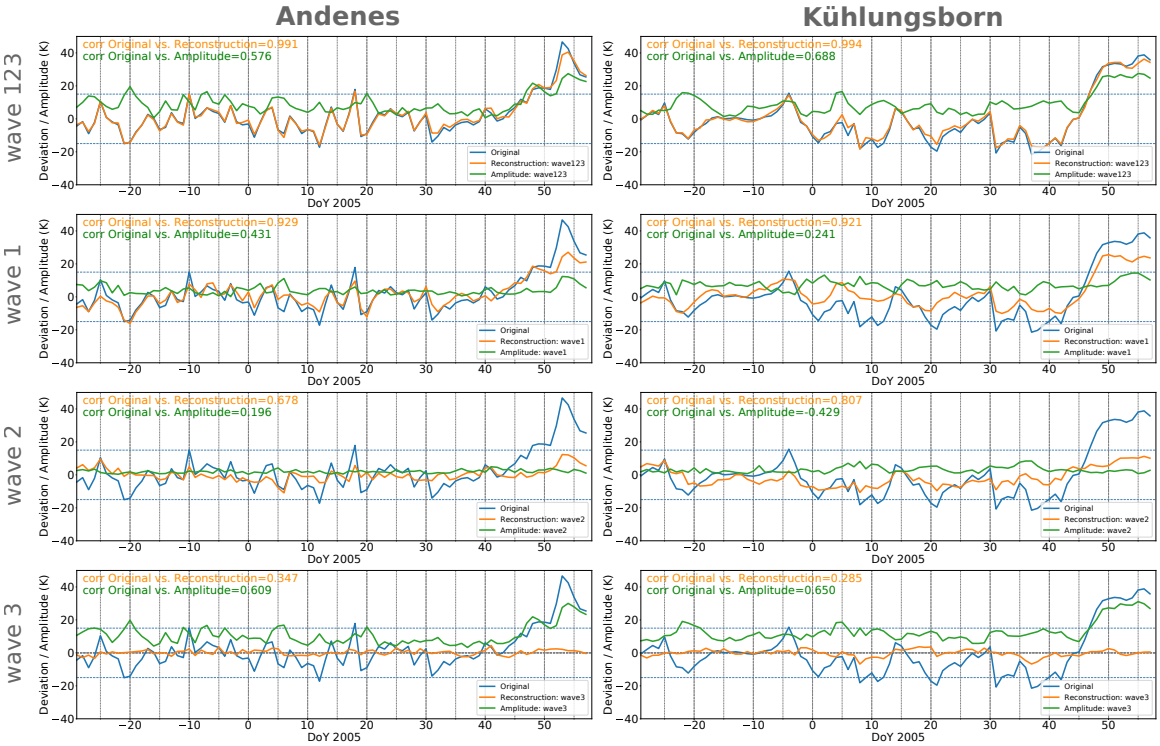

2002
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.981
corr Original vs. Amplitude=0.259
corr Original vs. Reconstruction=0.981
corr Original vs. Amplitude=0.256
corr Original vs. Reconstruction=0.933
corr Original vs. Amplitude=0.085
corr Original vs. Reconstruction=0.845
corr Original vs. Amplitude=0.459
corr Original vs. Reconstruction=0.648
corr Original vs. Amplitude=-0.090
corr Original vs. Reconstruction=0.731
corr Original vs. Amplitude=0.199
corr Original vs. Reconstruction=0.459
corr Original vs. Amplitude=0.242
corr Original vs. Reconstruction=0.512
corr Original vs. Amplitude=0.382
Deviation / Amplitude (K)
DoY 2002
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2003
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.991
corr Original vs. Amplitude=0.712
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=0.163
corr Original vs. Reconstruction=0.930
corr Original vs. Amplitude=0.068
corr Original vs. Reconstruction=0.753
corr Original vs. Amplitude=-0.178
corr Original vs. Reconstruction=0.748
corr Original vs. Amplitude=0.234
corr Original vs. Reconstruction=0.782
corr Original vs. Amplitude=-0.206
corr Original vs. Reconstruction=0.607
corr Original vs. Amplitude=0.689
corr Original vs. Reconstruction=0.557
corr Original vs. Amplitude=0.040
Deviation / Amplitude (K)
DoY 2003
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

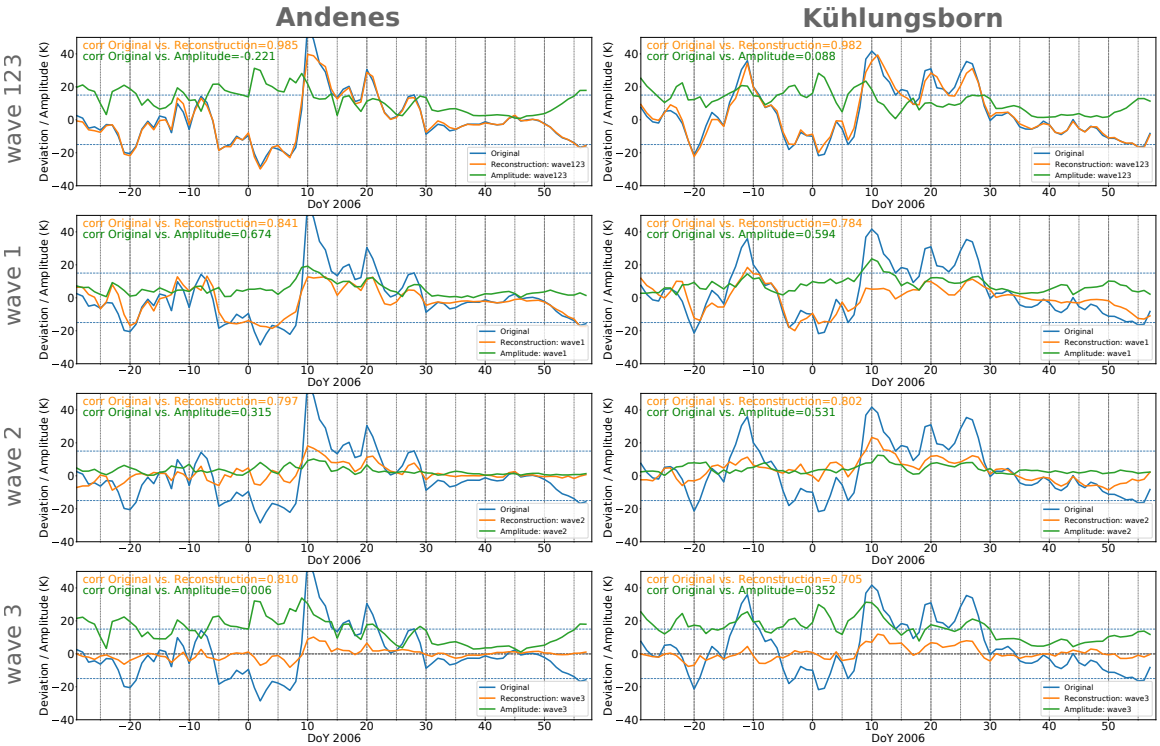
2004


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.986
corr Original vs. Amplitude=0.033
corr Original vs. Reconstruction=0.966
corr Original vs. Amplitude=0.342
corr Original vs. Reconstruction=0.866
corr Original vs. Amplitude=0.216
corr Original vs. Reconstruction=0.620
corr Original vs. Amplitude=-0.110
corr Original vs. Reconstruction=0.810
corr Original vs. Amplitude=0.186
corr Original vs. Reconstruction=0.774
corr Original vs. Amplitude=0.520
corr Original vs. Reconstruction=0.715
corr Original vs. Amplitude=0.106
corr Original vs. Reconstruction=0.580
corr Original vs. Amplitude=0.399
Deviation / Amplitude (K)
DoY 2004
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

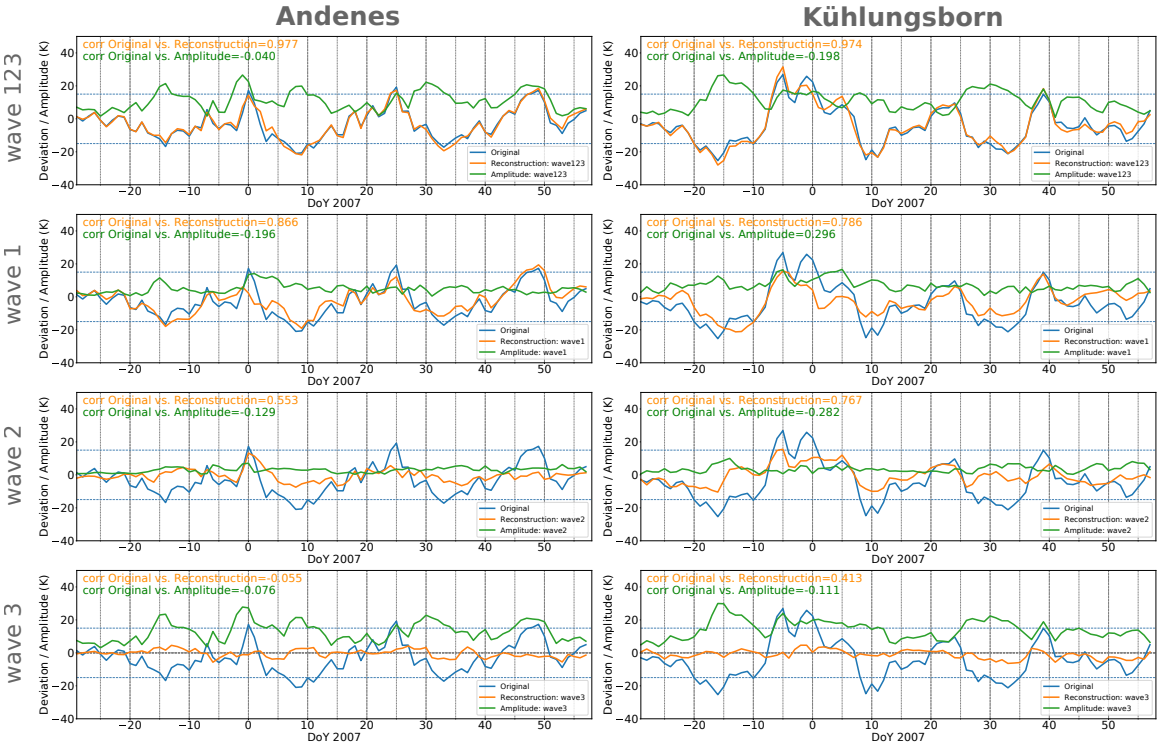
2005

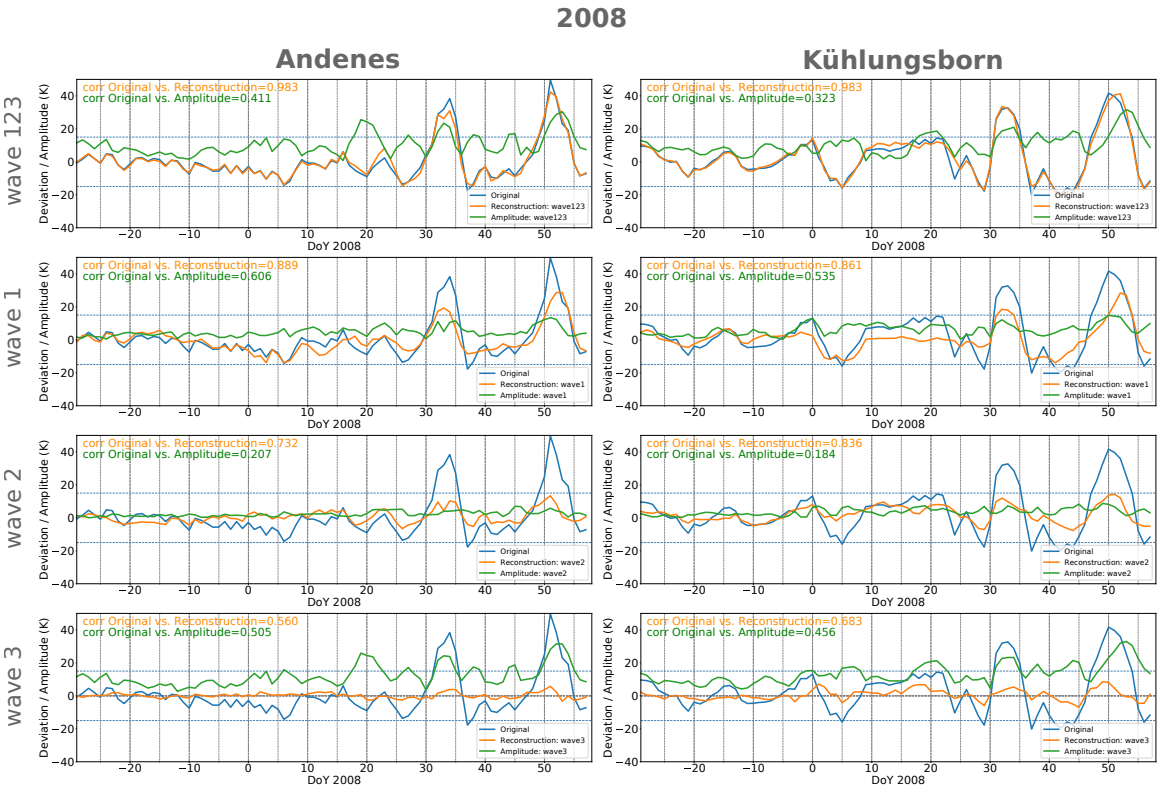

Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.991
corr Original vs. Amplitude=0.576
corr Original vs. Reconstruction=0.994
corr Original vs. Amplitude=0.688
corr Original vs. Reconstruction=0.929
corr Original vs. Amplitude=0.431
corr Original vs. Reconstruction=0.921
corr Original vs. Amplitude=0.241
corr Original vs. Reconstruction=0.678
corr Original vs. Amplitude=0.196
corr Original vs. Reconstruction=0.807
corr Original vs. Amplitude=-0.429
corr Original vs. Reconstruction=0.347
corr Original vs. Amplitude=0.609
corr Original vs. Reconstruction=0.285
corr Original vs. Amplitude=0.650
Deviation / Amplitude (K)
DoY 2005
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

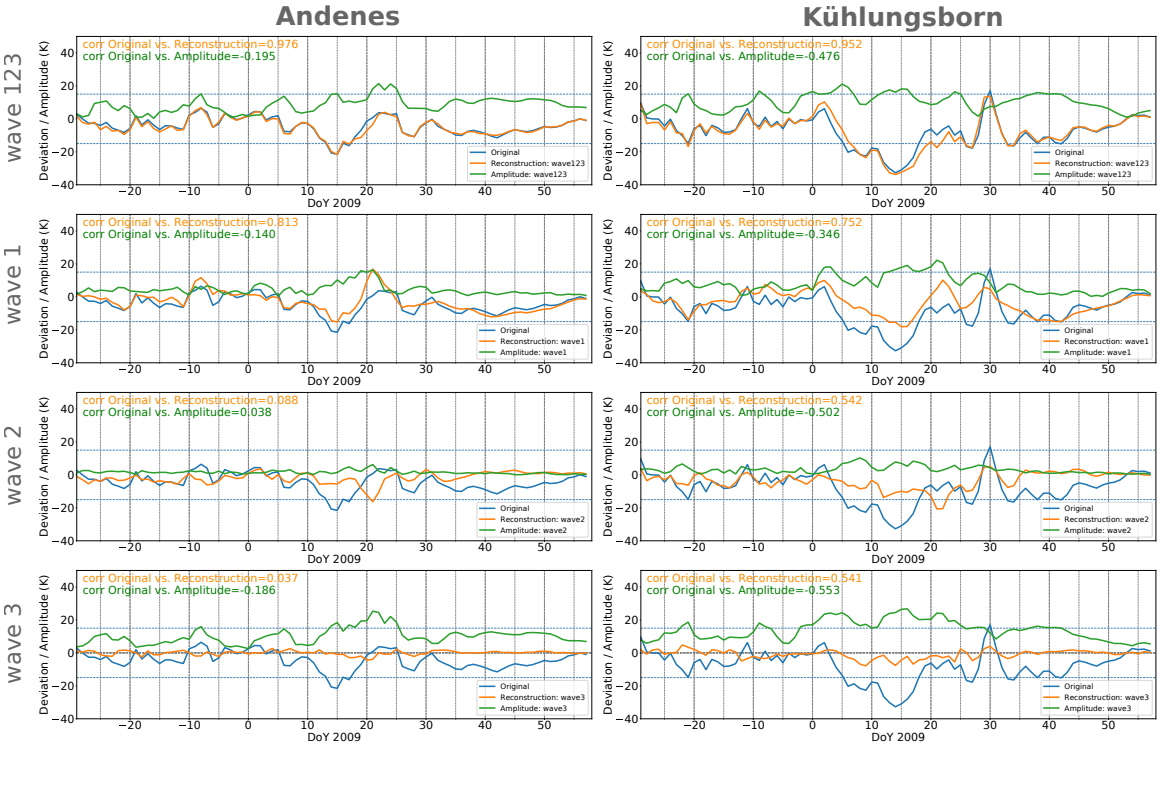
2006

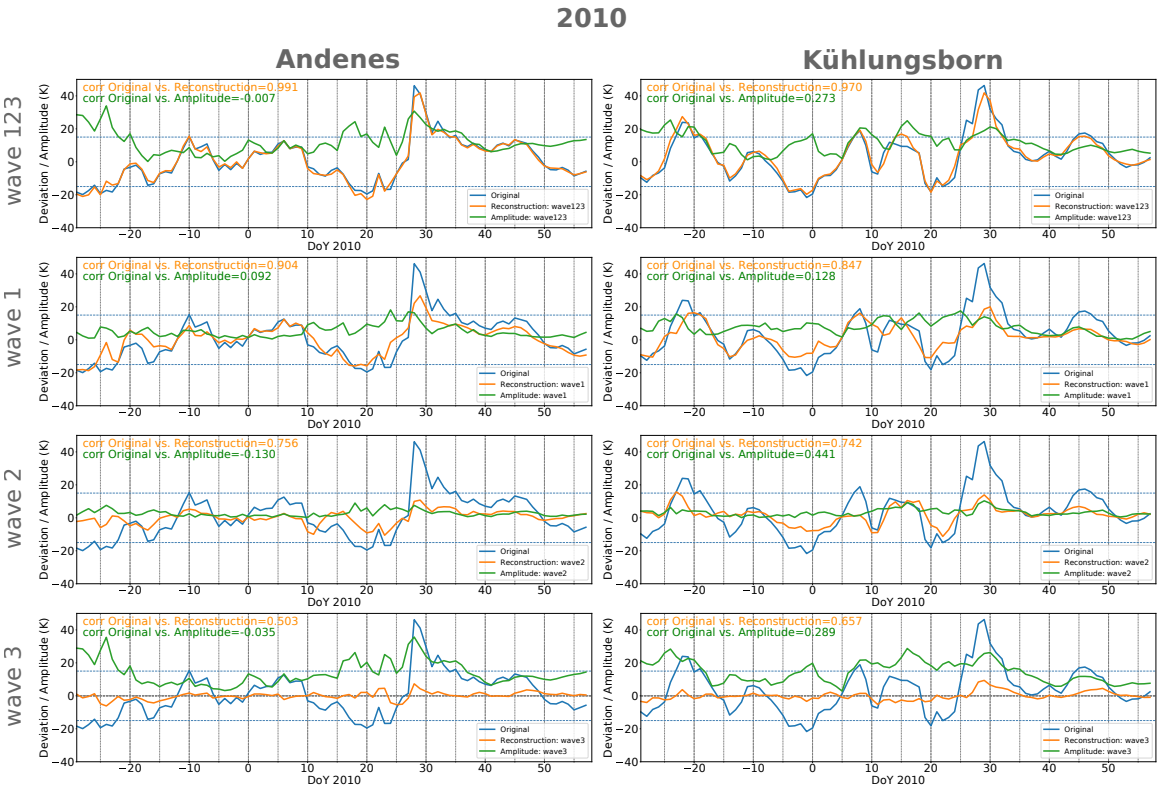

Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.985
corr Original vs. Amplitude=-0.221
corr Original vs. Reconstruction=0.982
corr Original vs. Amplitude=0.088
corr Original vs. Reconstruction=0.841
corr Original vs. Amplitude=0.674
corr Original vs. Reconstruction=0.784
corr Original vs. Amplitude=0.594
corr Original vs. Reconstruction=0.797
corr Original vs. Amplitude=0.315
corr Original vs. Reconstruction=0.802
corr Original vs. Amplitude=0.531
corr Original vs. Reconstruction=0.810
corr Original vs. Amplitude=0.006
corr Original vs. Reconstruction=0.705
corr Original vs. Amplitude=0.352
Deviation / Amplitude (K)
DoY 2006
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

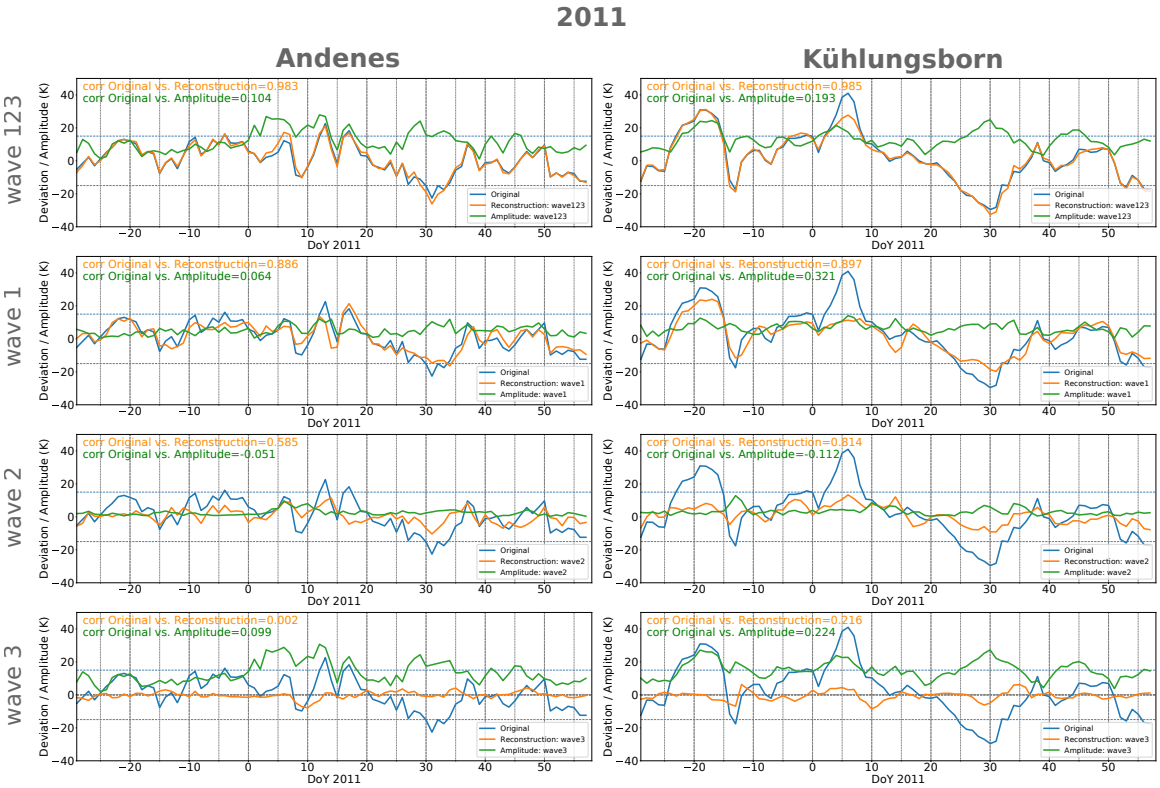
2007


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.977
corr Original vs. Amplitude=-0.040
corr Original vs. Reconstruction=0.974
corr Original vs. Amplitude=-0.198
corr Original vs. Reconstruction=0.866
corr Original vs. Amplitude=-0.196
corr Original vs. Reconstruction=0.786
corr Original vs. Amplitude=0.296
corr Original vs. Reconstruction=0.553
corr Original vs. Amplitude=-0.129
corr Original vs. Reconstruction=0.767
corr Original vs. Amplitude=-0.282
corr Original vs. Reconstruction=-0.055
corr Original vs. Amplitude=-0.076
corr Original vs. Reconstruction=0.413
corr Original vs. Amplitude=-0.111
Deviation / Amplitude (K)
DoY 2007
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

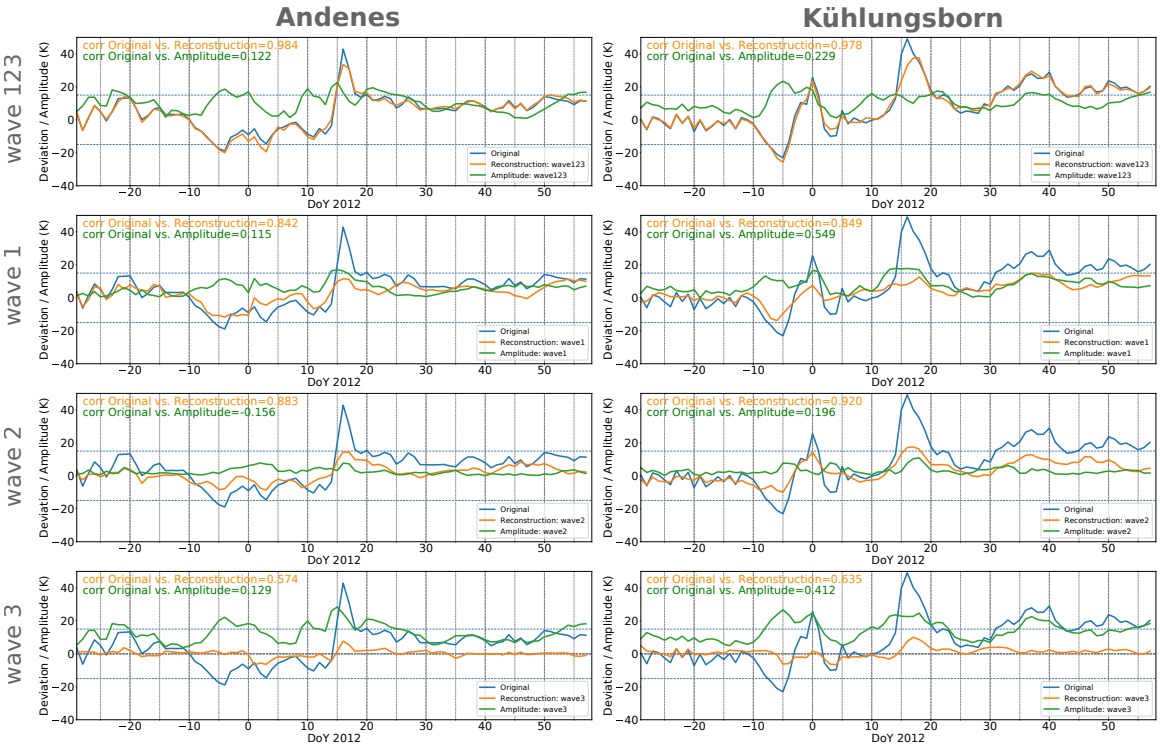

2008
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=0.411
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=0.323
corr Original vs. Reconstruction=0.889
corr Original vs. Amplitude=0.606
corr Original vs. Reconstruction=0.861
corr Original vs. Amplitude=0.535
corr Original vs. Reconstruction=0.732
corr Original vs. Amplitude=0.207
corr Original vs. Reconstruction=0.836
corr Original vs. Amplitude=0.184
corr Original vs. Reconstruction=0.560
corr Original vs. Amplitude=0.505
corr Original vs. Reconstruction=0.683
corr Original vs. Amplitude=0.456
Deviation / Amplitude (K)
DoY 2008
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2009
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.976
corr Original vs. Amplitude=-0.195
corr Original vs. Reconstruction=0.952
corr Original vs. Amplitude=-0.476
corr Original vs. Reconstruction=0.813
corr Original vs. Amplitude=-0.140
corr Original vs. Reconstruction=0.752
corr Original vs. Amplitude=-0.346
corr Original vs. Reconstruction=0.088
corr Original vs. Amplitude=0.038
corr Original vs. Reconstruction=0.542
corr Original vs. Amplitude=-0.502
corr Original vs. Reconstruction=0.037
corr Original vs. Amplitude=-0.186
corr Original vs. Reconstruction=0.541
corr Original vs. Amplitude=-0.553
Deviation / Amplitude (K)
DoY 2009
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

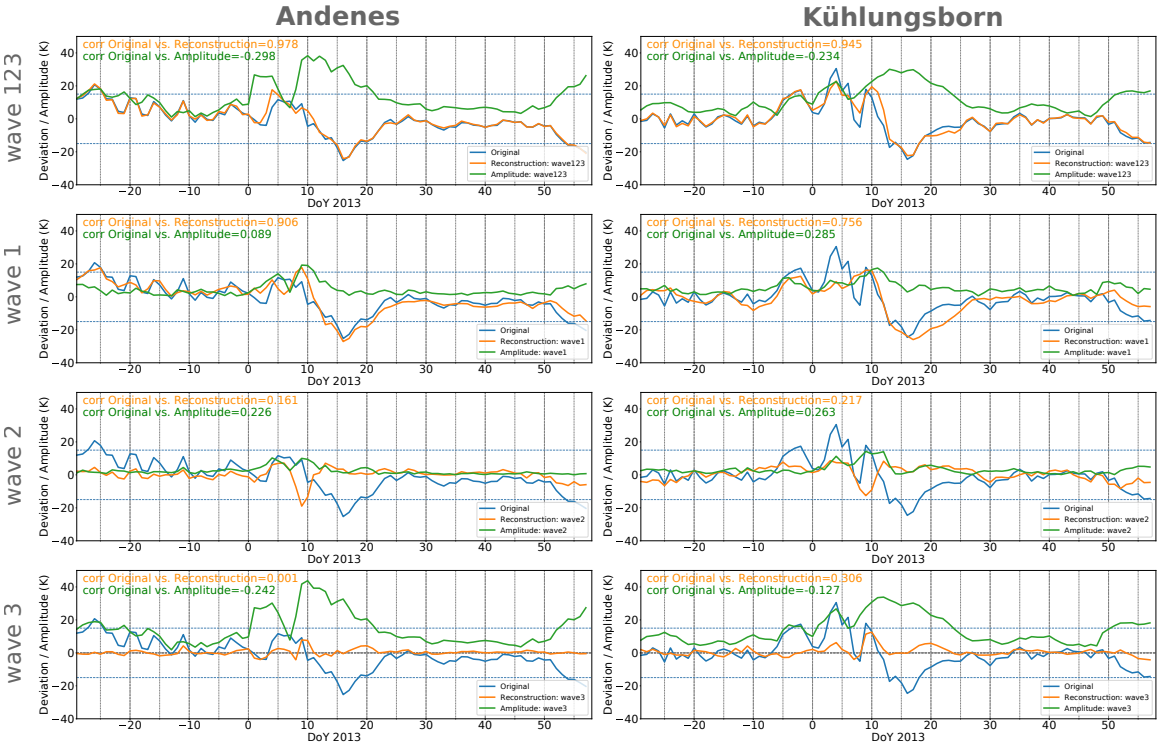

2010
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.991
corr Original vs. Amplitude=-0.007
corr Original vs. Reconstruction=0.970
corr Original vs. Amplitude=0.273
corr Original vs. Reconstruction=0.904
corr Original vs. Amplitude=0.092
corr Original vs. Reconstruction=0.847
corr Original vs. Amplitude=0.128
corr Original vs. Reconstruction=0.756
corr Original vs. Amplitude=-0.130
corr Original vs. Reconstruction=0.742
corr Original vs. Amplitude=0.441
corr Original vs. Reconstruction=0.503
corr Original vs. Amplitude=-0.035
corr Original vs. Reconstruction=0.657
corr Original vs. Amplitude=0.289
Deviation / Amplitude (K)
DoY 2010
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2011
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.983
corr Original vs. Amplitude=0.104
corr Original vs. Reconstruction=0.985
corr Original vs. Amplitude=0.193
corr Original vs. Reconstruction=0.886
corr Original vs. Amplitude=0.064
corr Original vs. Reconstruction=0.897
corr Original vs. Amplitude=0.321
corr Original vs. Reconstruction=0.585
corr Original vs. Amplitude=-0.051
corr Original vs. Reconstruction=0.814
corr Original vs. Amplitude=-0.112
corr Original vs. Reconstruction=0.002
corr Original vs. Amplitude=0.099
corr Original vs. Reconstruction=0.216
corr Original vs. Amplitude=0.224
Deviation / Amplitude (K)
DoY 2011
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

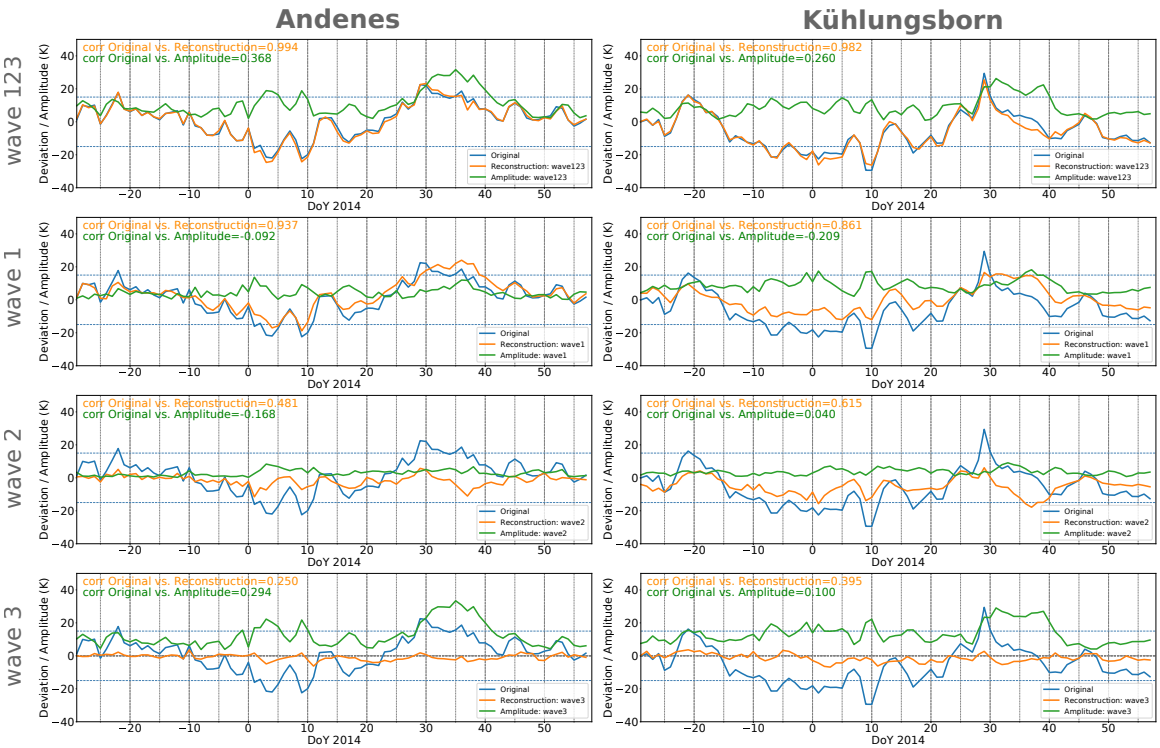
2012


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.984
corr Original vs. Amplitude=0.122
corr Original vs. Reconstruction=0.978
corr Original vs. Amplitude=0.229
corr Original vs. Reconstruction=0.842
corr Original vs. Amplitude=0.115
corr Original vs. Reconstruction=0.849
corr Original vs. Amplitude=0.549
corr Original vs. Reconstruction=0.883
corr Original vs. Amplitude=-0.156
corr Original vs. Reconstruction=0.920
corr Original vs. Amplitude=0.196
corr Original vs. Reconstruction=0.574
corr Original vs. Amplitude=0.129
corr Original vs. Reconstruction=0.635
corr Original vs. Amplitude=0.412
Deviation / Amplitude (K)
DoY 2012
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

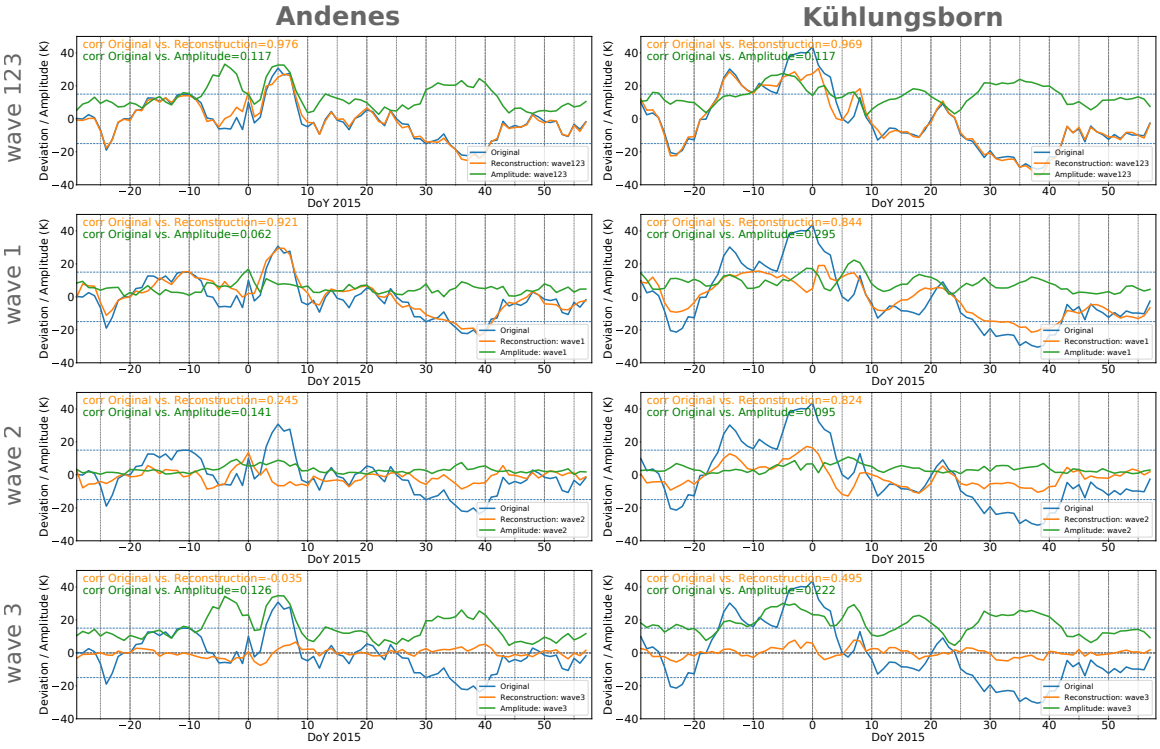
2013

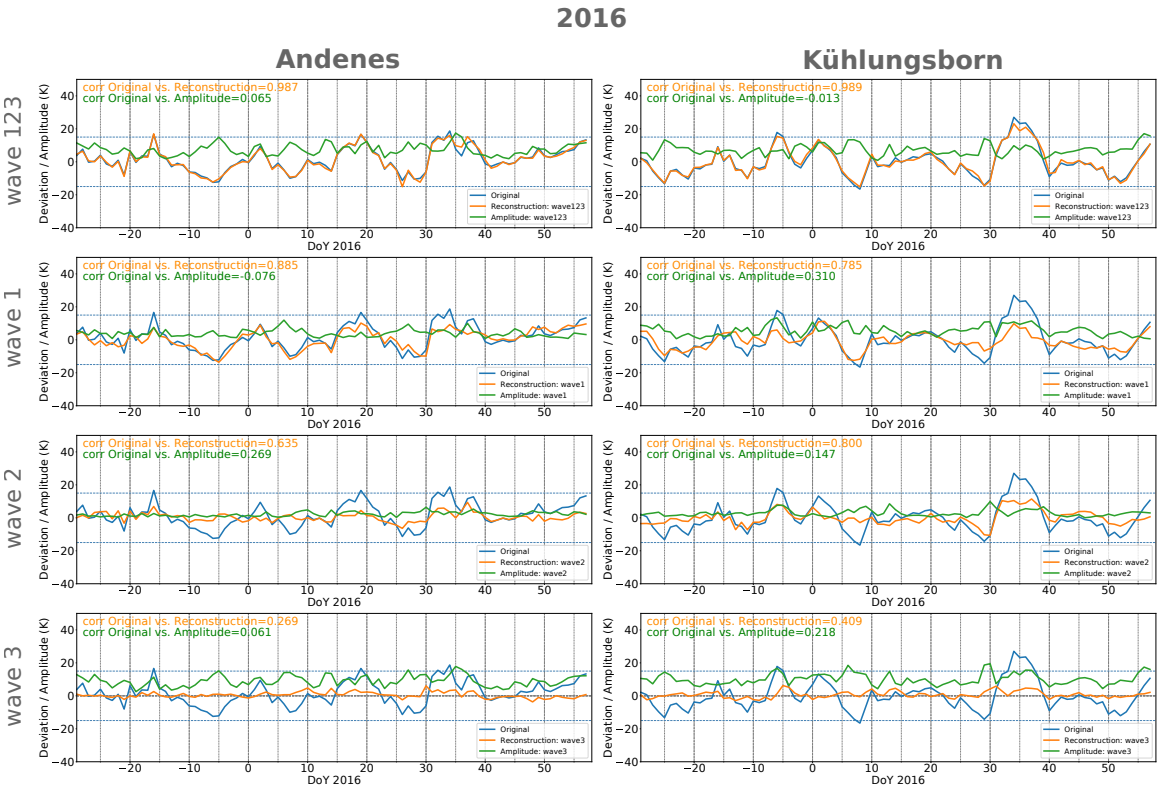

Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.978
corr Original vs. Amplitude=-0.298
corr Original vs. Reconstruction=0.945
corr Original vs. Amplitude=-0.234
corr Original vs. Reconstruction=0.906
corr Original vs. Amplitude=0.089
corr Original vs. Reconstruction=0.756
corr Original vs. Amplitude=0.285
corr Original vs. Reconstruction=0.161
corr Original vs. Amplitude=0.226
corr Original vs. Reconstruction=0.217
corr Original vs. Amplitude=0.263
corr Original vs. Reconstruction=0.001
corr Original vs. Amplitude=-0.242
corr Original vs. Reconstruction=0.306
corr Original vs. Amplitude=-0.127
Deviation / Amplitude (K)
DoY 2013
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

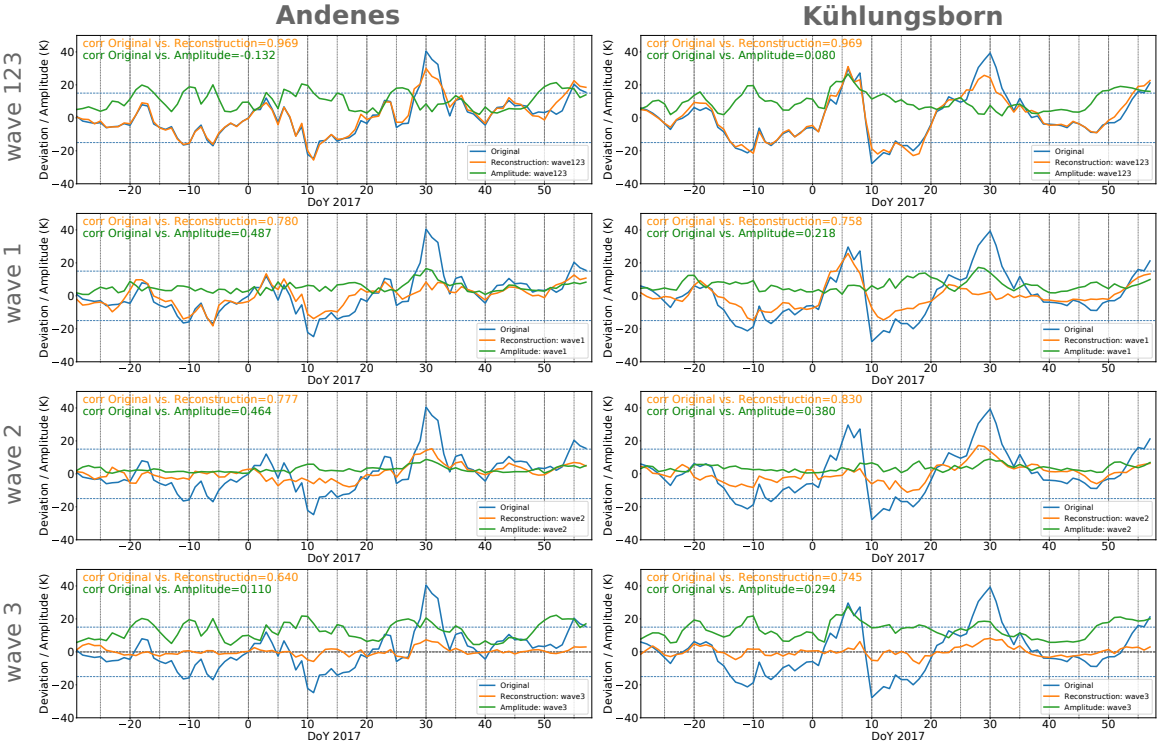
2014

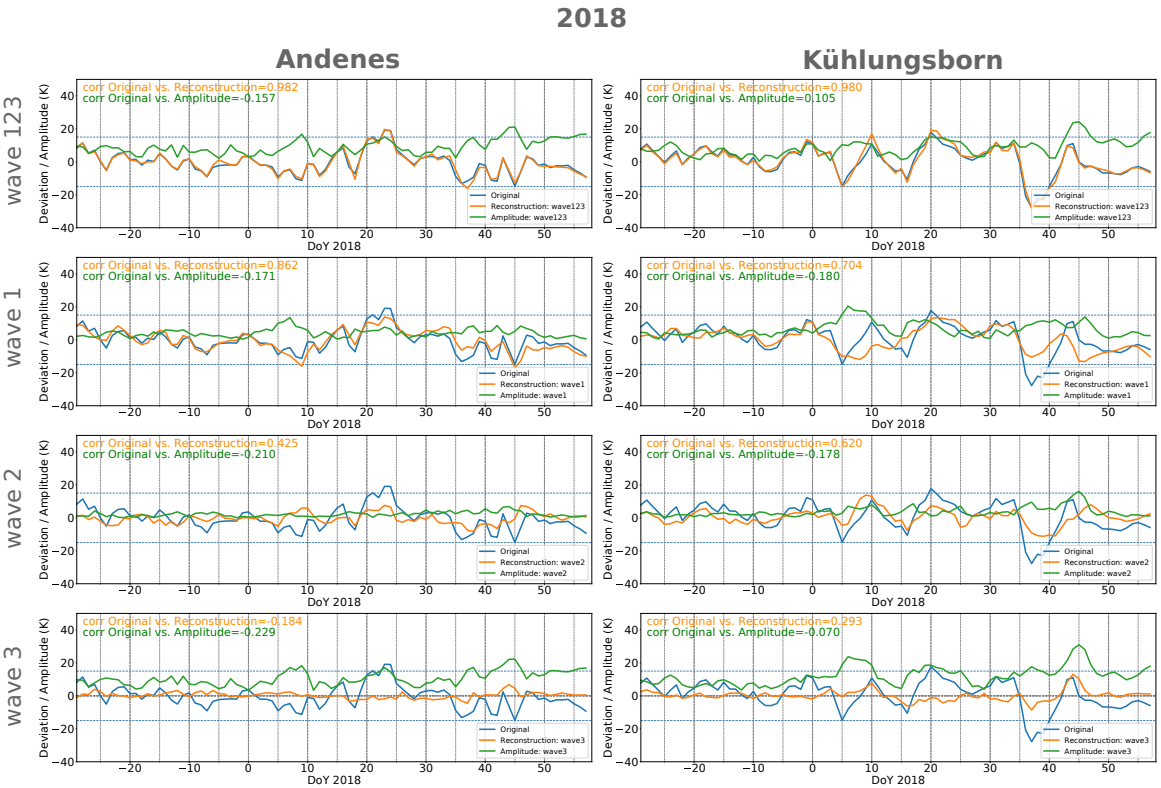

Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.994
corr Original vs. Amplitude=0.368
corr Original vs. Reconstruction=0.982
corr Original vs. Amplitude=0.260
corr Original vs. Reconstruction=0.937
corr Original vs. Amplitude=-0.092
corr Original vs. Reconstruction=0.861
corr Original vs. Amplitude=-0.209
corr Original vs. Reconstruction=0.481
corr Original vs. Amplitude=-0.168
corr Original vs. Reconstruction=0.615
corr Original vs. Amplitude=0.040
corr Original vs. Reconstruction=0.250
corr Original vs. Amplitude=0.294
corr Original vs. Reconstruction=0.395
corr Original vs. Amplitude=0.100
Deviation / Amplitude (K)
DoY 2014
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3

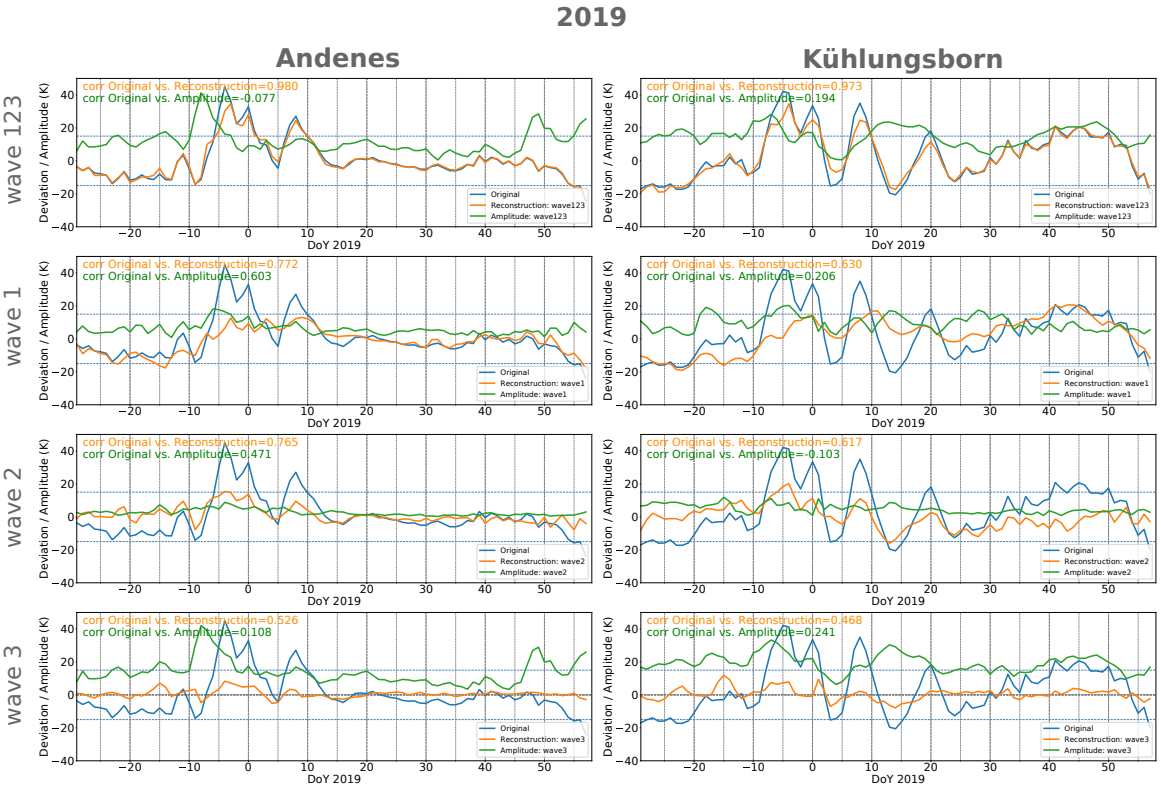
2015


Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.976
corr Original vs. Amplitude=0.117
corr Original vs. Reconstruction=0.969
corr Original vs. Amplitude=0.117
corr Original vs. Reconstruction=0.921
corr Original vs. Amplitude=0.062
corr Original vs. Reconstruction=0.844
corr Original vs. Amplitude=0.295
corr Original vs. Reconstruction=0.245
corr Original vs. Amplitude=0.141
corr Original vs. Reconstruction=0.824
corr Original vs. Amplitude=0.095
corr Original vs. Reconstruction=-0.035
corr Original vs. Amplitude=0.126
corr Original vs. Reconstruction=0.495
corr Original vs. Amplitude=0.222
Deviation / Amplitude (K)
DoY 2015
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2016
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.987
corr Original vs. Amplitude=0.065
corr Original vs. Reconstruction=0.989
corr Original vs. Amplitude=-0.013
corr Original vs. Reconstruction=0.885
corr Original vs. Amplitude=-0.076
corr Original vs. Reconstruction=0.785
corr Original vs. Amplitude=0.310
corr Original vs. Reconstruction=0.635
corr Original vs. Amplitude=0.269
corr Original vs. Reconstruction=0.800
corr Original vs. Amplitude=0.147
corr Original vs. Reconstruction=0.269
corr Original vs. Amplitude=0.061
corr Original vs. Reconstruction=0.409
corr Original vs. Amplitude=0.218
Deviation / Amplitude (K)
DoY 2016
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2017
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.969
corr Original vs. Amplitude=-0.132
corr Original vs. Reconstruction=0.969
corr Original vs. Amplitude=0.080
corr Original vs. Reconstruction=0.780
corr Original vs. Amplitude=0.487
corr Original vs. Reconstruction=0.758
corr Original vs. Amplitude=0.218
corr Original vs. Reconstruction=0.777
corr Original vs. Amplitude=0.464
corr Original vs. Reconstruction=0.830
corr Original vs. Amplitude=0.380
corr Original vs. Reconstruction=0.640
corr Original vs. Amplitude=0.110
corr Original vs. Reconstruction=0.745
corr Original vs. Amplitude=0.294
Deviation / Amplitude (K)
DoY 2017
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2018
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.982
corr Original vs. Amplitude=-0.157
corr Original vs. Reconstruction=0.980
corr Original vs. Amplitude=0.105
corr Original vs. Reconstruction=0.862
corr Original vs. Amplitude=-0.171
corr Original vs. Reconstruction=0.704
corr Original vs. Amplitude=-0.180
corr Original vs. Reconstruction=0.425
corr Original vs. Amplitude=-0.210
corr Original vs. Reconstruction=0.620
corr Original vs. Amplitude=-0.178
corr Original vs. Reconstruction=-0.184
corr Original vs. Amplitude=-0.229
corr Original vs. Reconstruction=0.293
corr Original vs. Amplitude=-0.070
Deviation / Amplitude (K)
DoY 2018
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3


2019
Andenes
Kühlungsborn
wave 123
wave 1
wave 2
wave 3
corr Original vs. Reconstruction=0.980
corr Original vs. Amplitude=-0.077
corr Original vs. Reconstruction=0.973
corr Original vs. Amplitude=0.194
corr Original vs. Reconstruction=0.772
corr Original vs. Amplitude=0.603
corr Original vs. Reconstruction=0.630
corr Original vs. Amplitude=0.206
corr Original vs. Reconstruction=0.765
corr Original vs. Amplitude=0.471
corr Original vs. Reconstruction=0.617
corr Original vs. Amplitude=-0.103
corr Original vs. Reconstruction=0.526
corr Original vs. Amplitude=0.108
corr Original vs. Reconstruction=0.468
corr Original vs. Amplitude=0.241
Deviation / Amplitude (K)
DoY 2019
Original
Reconstruction: wave123
Amplitude: wave123
Reconstruction: wave1
Amplitude: wave1
Reconstruction: wave2
Amplitude: wave2
Reconstruction: wave3
Amplitude: wave3