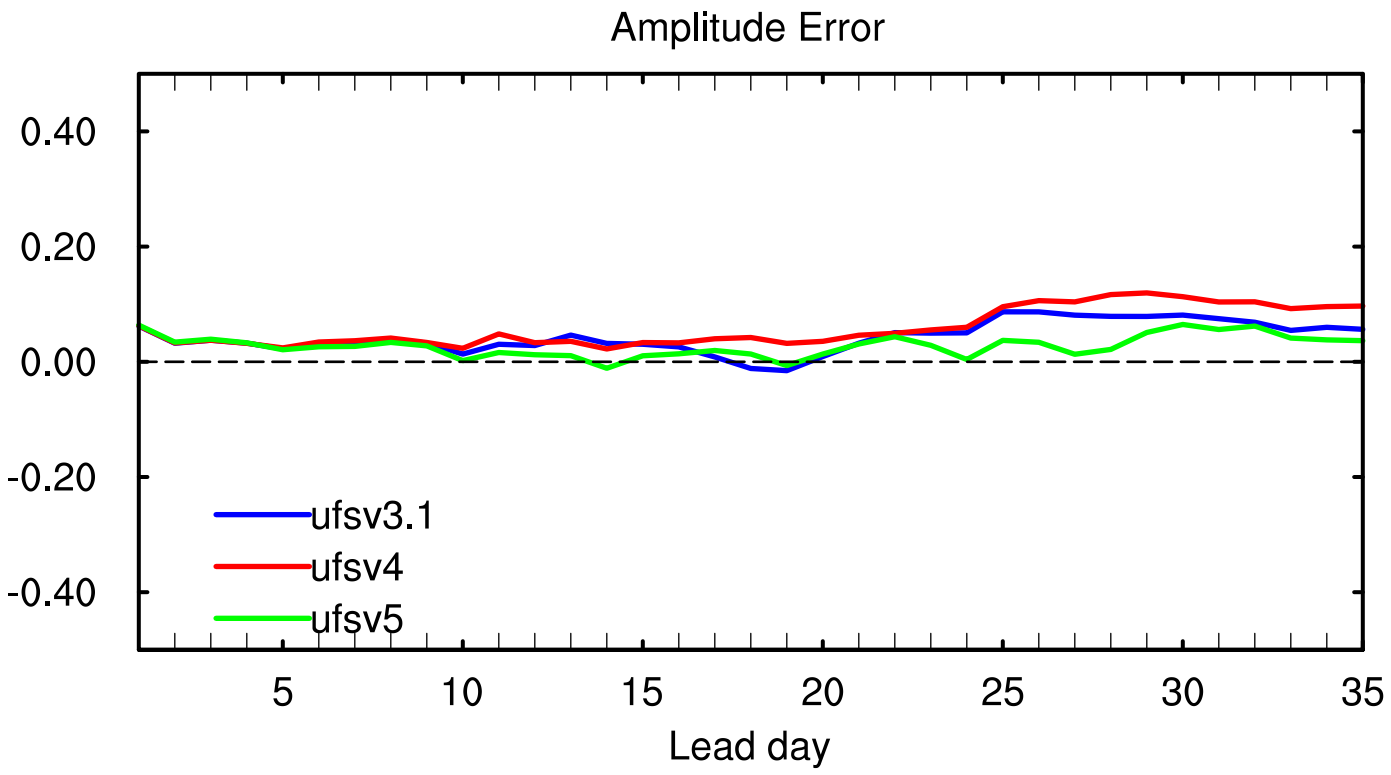
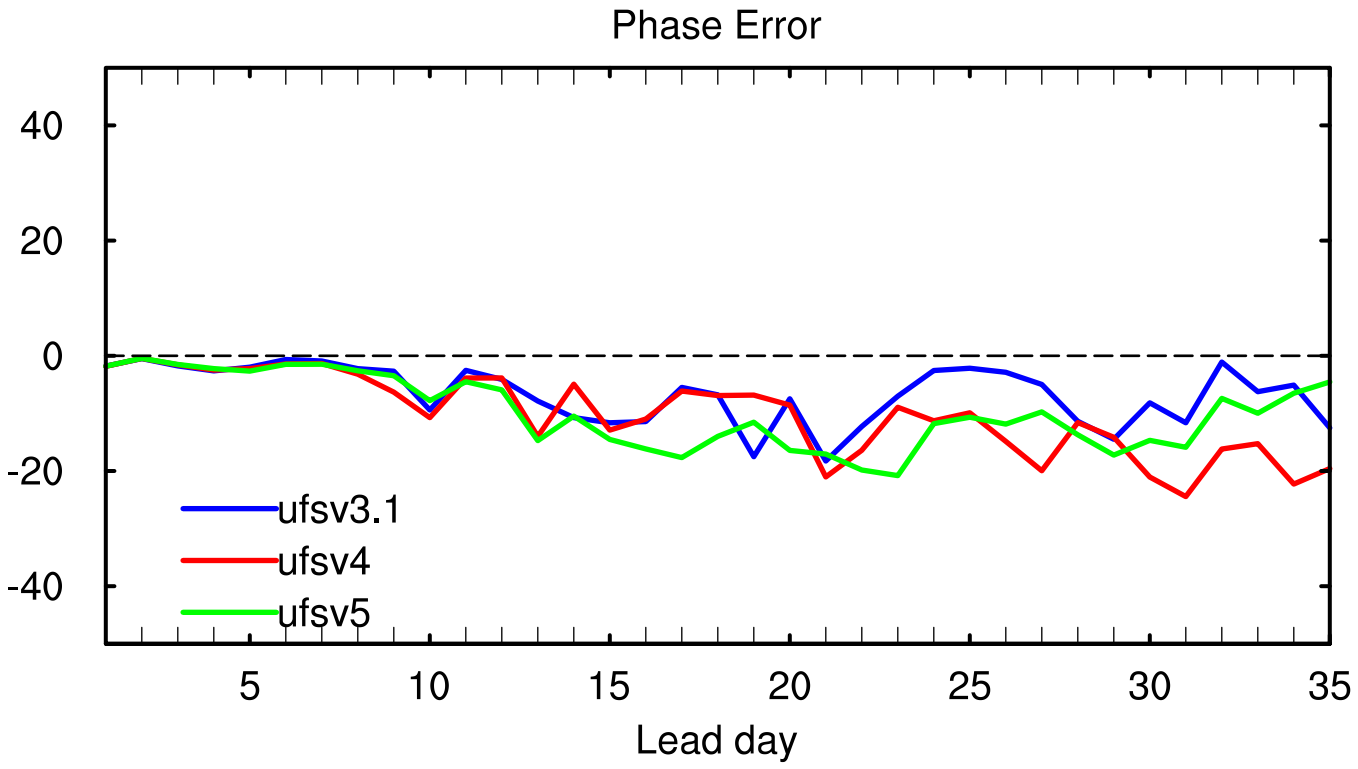
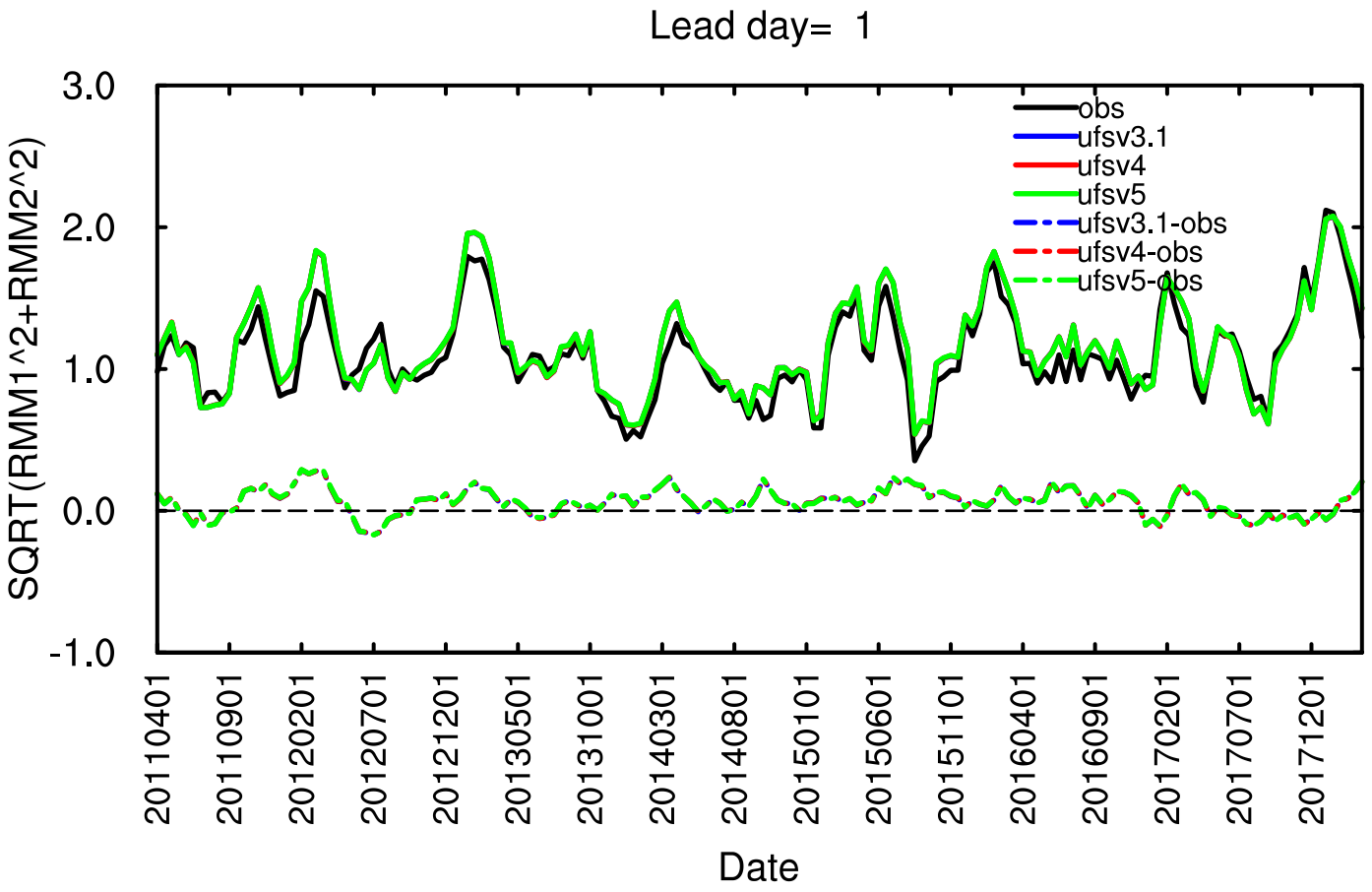
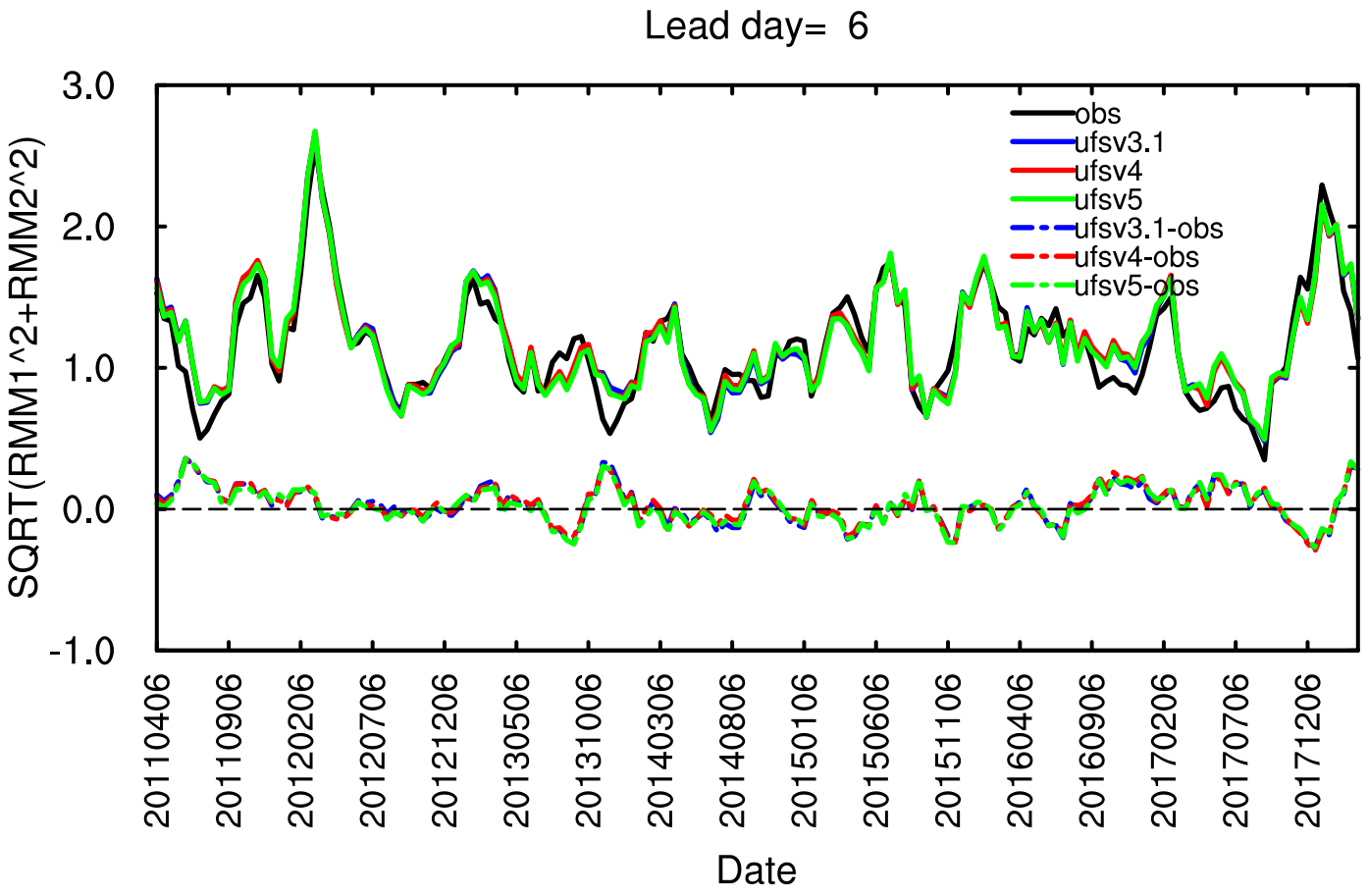
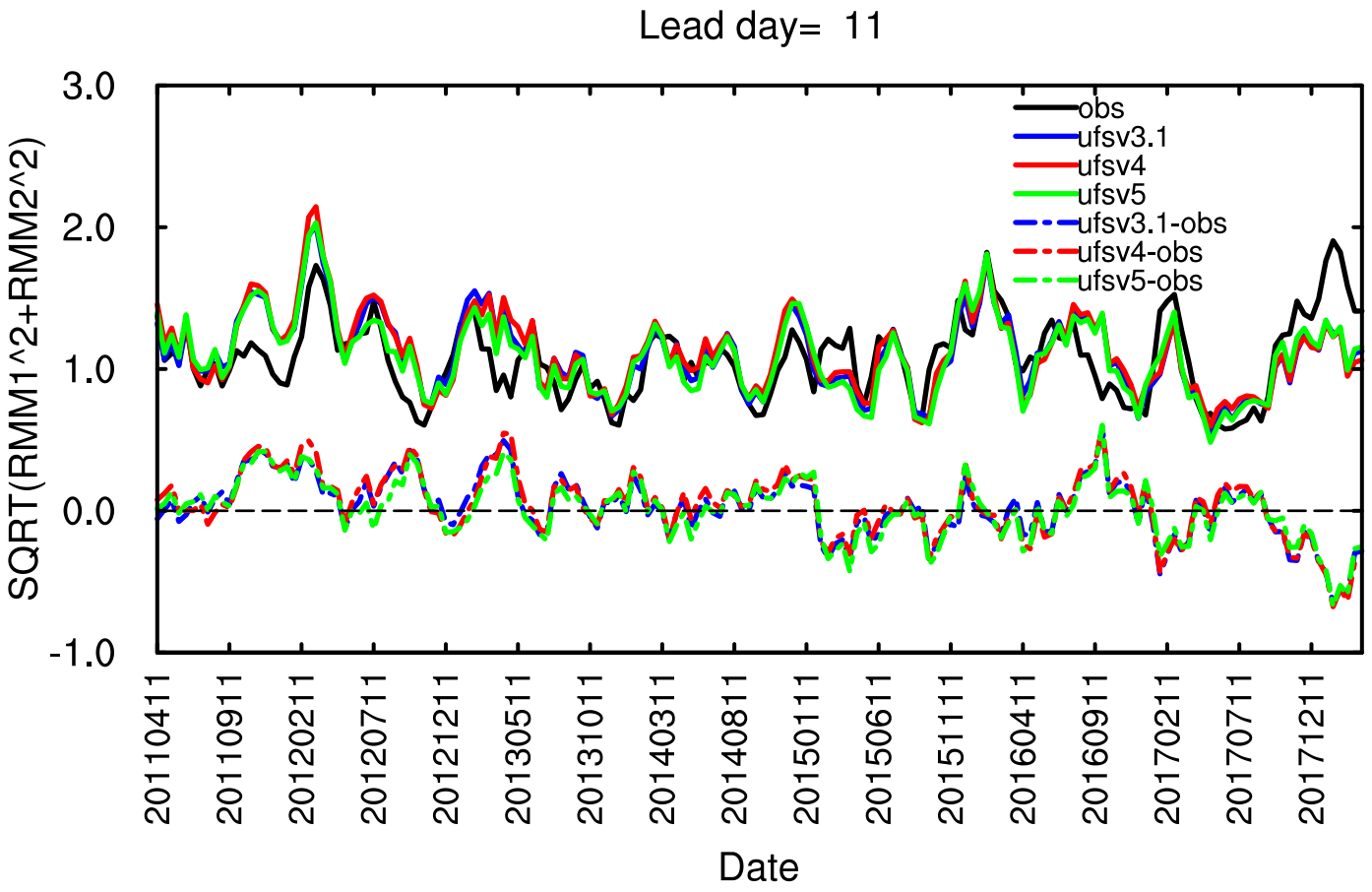
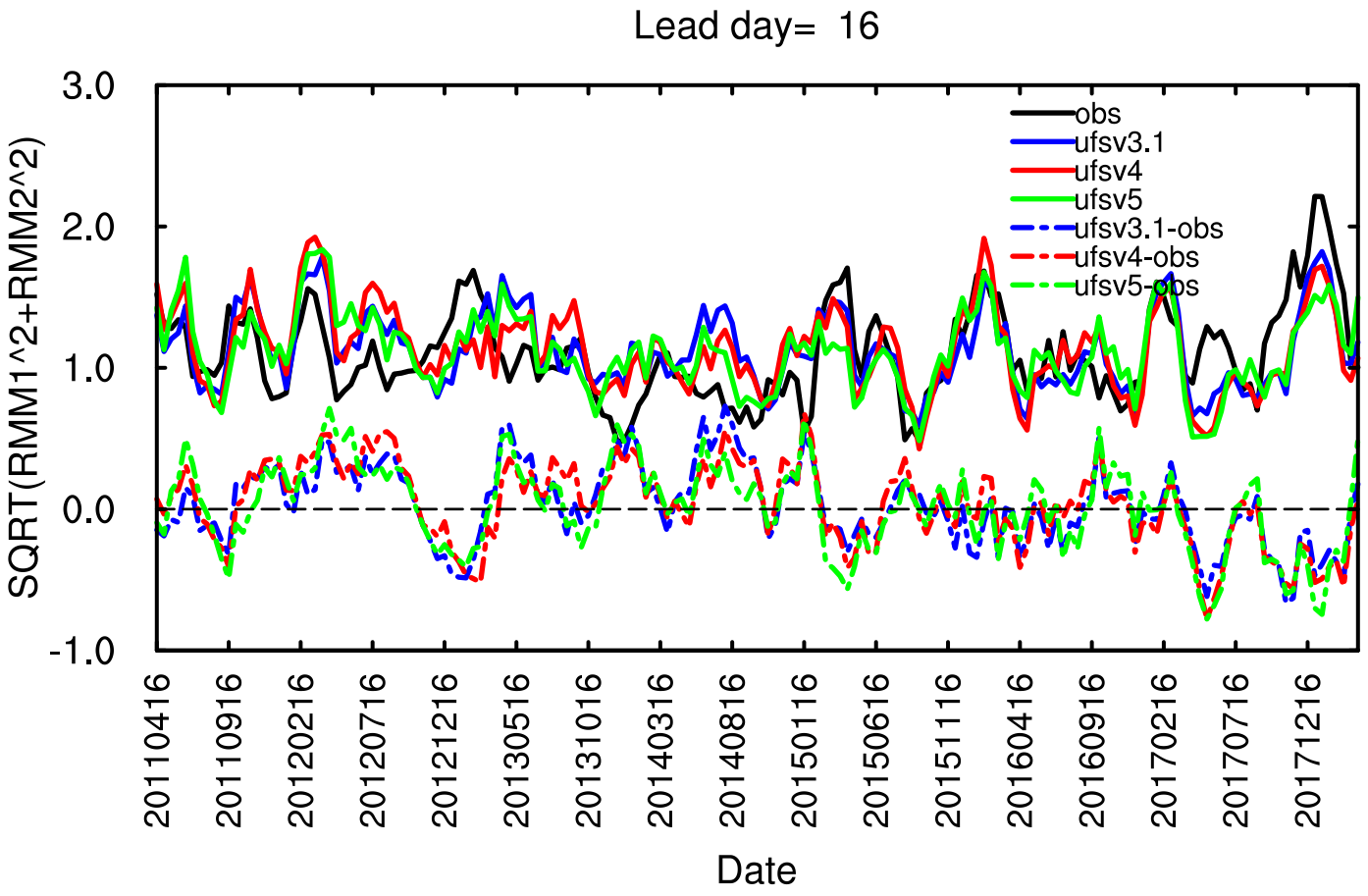

Amplitude Error
0.40
0.20
0.00
-0.20
-0.40
ufsv3.1
ufsv4
ufsv5
5
10
15
20
25
30
35
Lead day

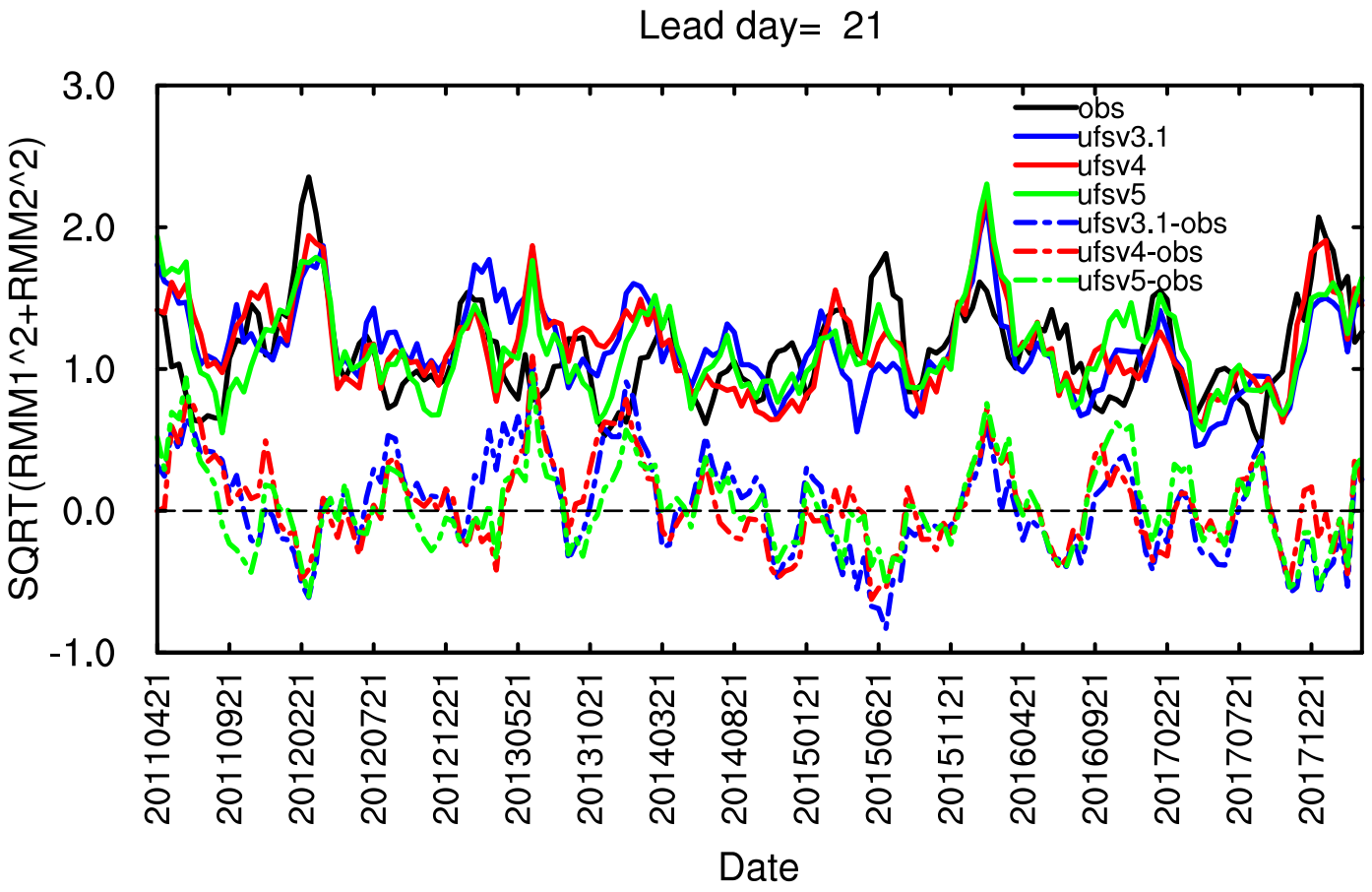

Phase Error
40
20
0
-20
-40
ufsv3.1
ufsv4
ufsv5
5
10
15
20
25
30
35
Lead day

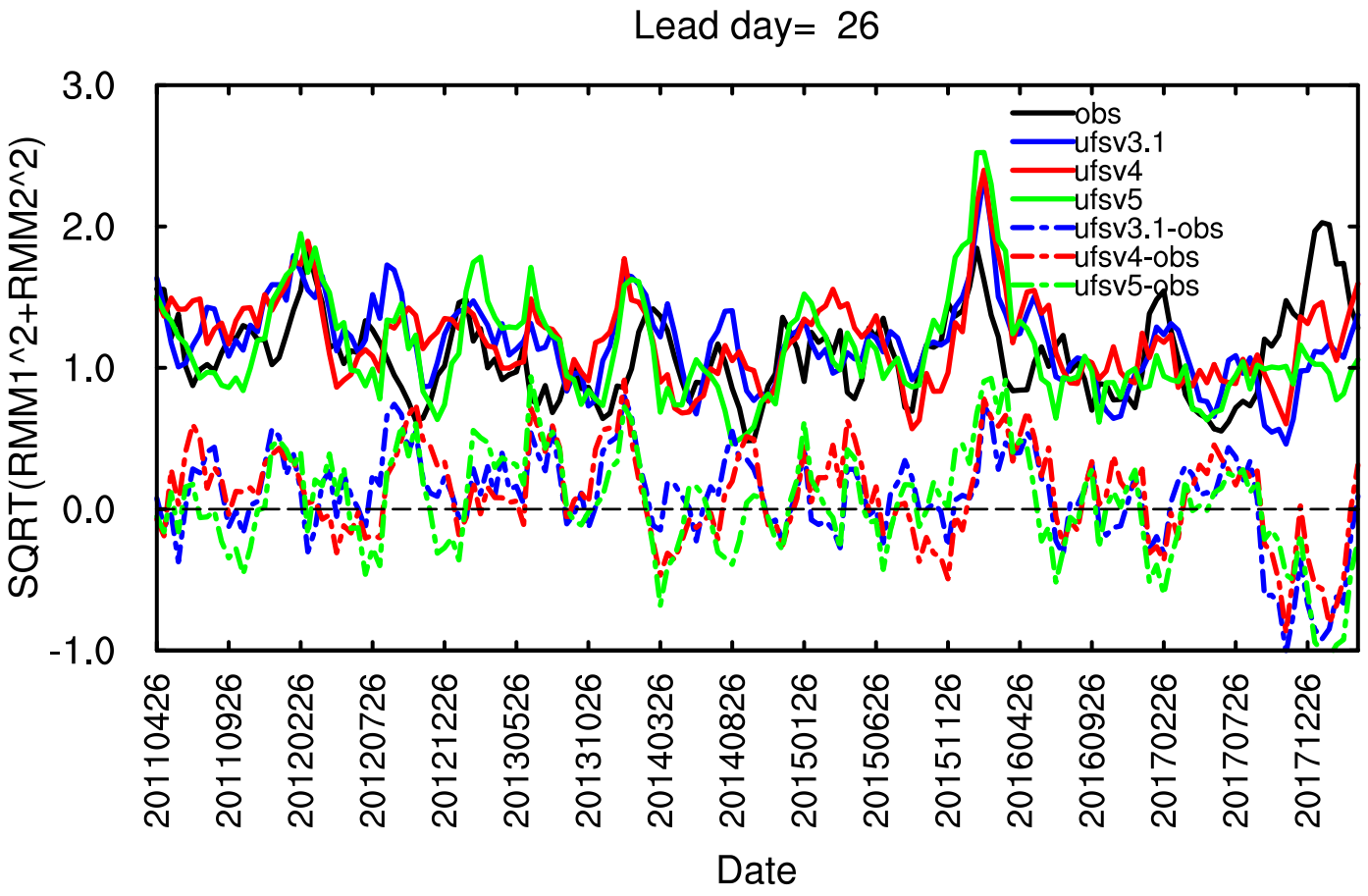

Lead day= 1
SQRT(RMM1^2+RMM2^2)
3.0
2.0
1.0
0.0
-1.0
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110401
20110901
20120201
20120701
20121201
20130501
20131001
20140301
20140801
20150101
20150601
20151101
20160401
20160901
20170201
20170701
20171201
Date

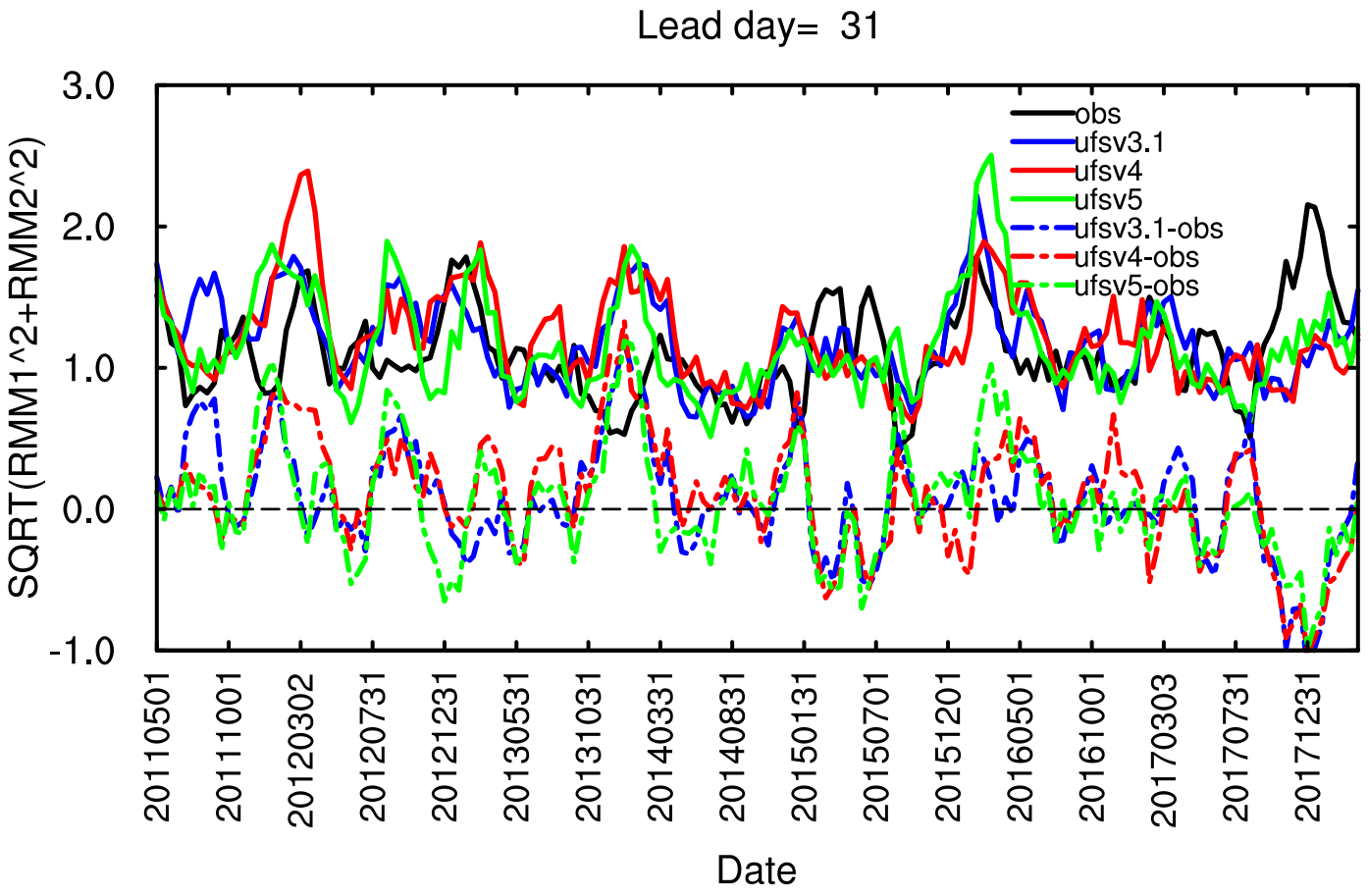

Lead day= 6
SQRT(RMM1^2+RMM2^2)
3.0
2.0
1.0
0.0
-1.0
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110406
20110906
20120206
20120706
20121206
20130506
20131006
20140306
20140806
20150106
20150606
20151106
20160406
20160906
20170206
20170706
20171206
Date


Lead day= 11
3.0
2.0
1.0
0.0
-1.0
SQRT(RMM1^2+RMM2^2)
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110411
20110911
20120211
20120711
20121211
20130511
20131011
20140311
20140811
20150111
20150611
20151111
20160411
20160911
20170211
20170711
20171211
Date


Lead day= 16
3.0
2.0
1.0
0.0
-1.0
SQRT(RMM1^2+RMM2^2)
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110416
20110916
20120216
20120716
20121216
20130516
20131016
20140316
20140816
20150116
20150616
20151116
20160416
20160916
20170216
20170716
20171216
Date


Lead day= 21
3.0
2.0
1.0
0.0
-1.0
SQRT(RMM1^2+RMM2^2)
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110421
20110921
20120221
20120721
20121221
20130521
20131021
20140321
20140821
20150121
20150621
20151121
20160421
20160921
20170221
20170721
20171221
Date


Lead day= 26
SQRT(RMM1^2+RMM2^2)
3.0
2.0
1.0
0.0
-1.0
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110426
20110926
20120226
20120726
20121226
20130526
20131026
20140326
20140826
20150126
20150626
20151126
20160426
20160926
20170226
20170726
20171226
Date


Lead day= 31
SQRT(RMM1^2+RMM2^2)
3.0
2.0
1.0
0.0
-1.0
obs
ufsv3.1
ufsv4
ufsv5
ufsv3.1-obs
ufsv4-obs
ufsv5-obs
20110501
20111001
20120302
20120731
20121231
20130531
20131031
20140331
20140831
20150131
20150701
20151201
20160501
20161001
20170303
20170731
20171231
Date