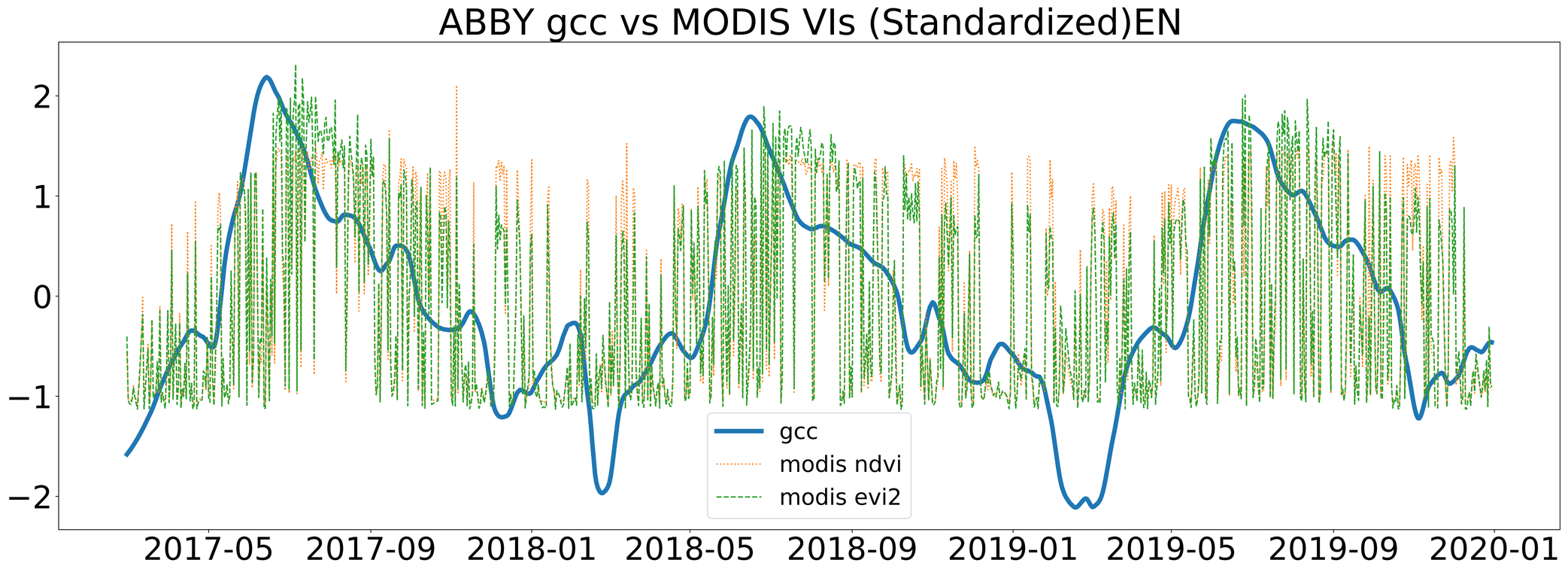
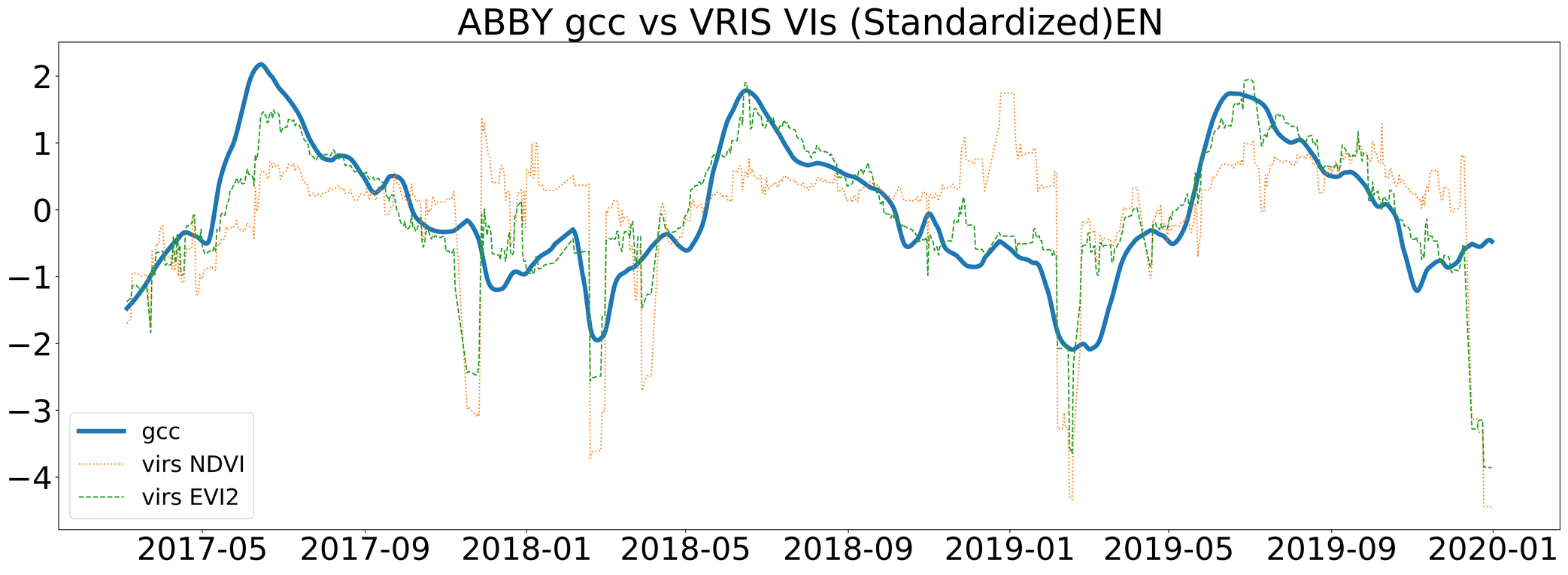
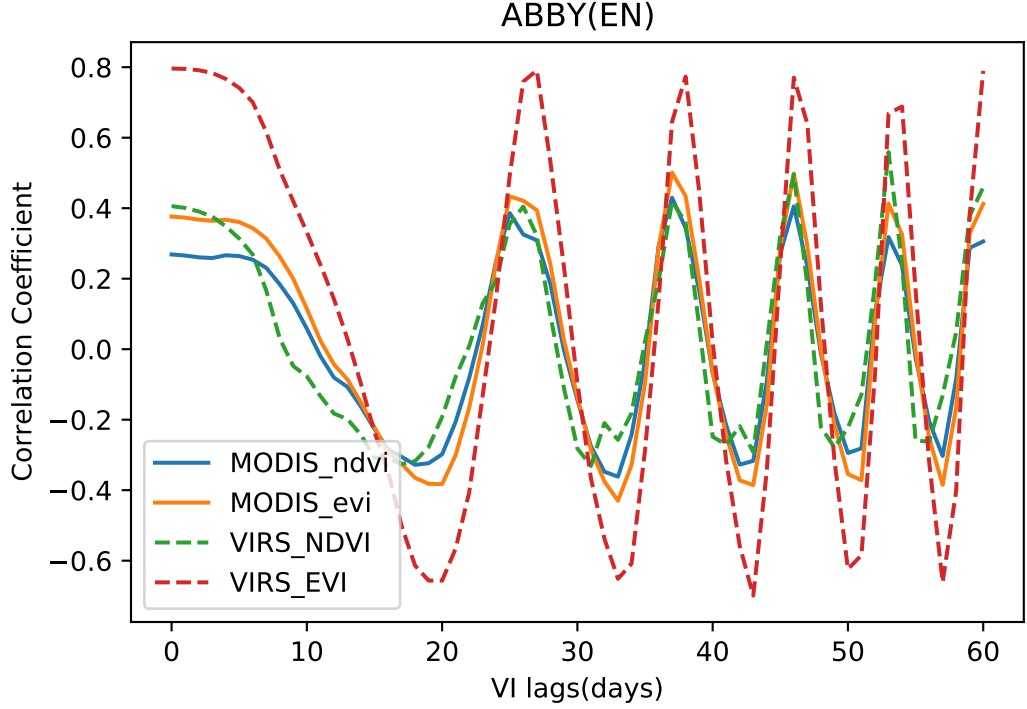
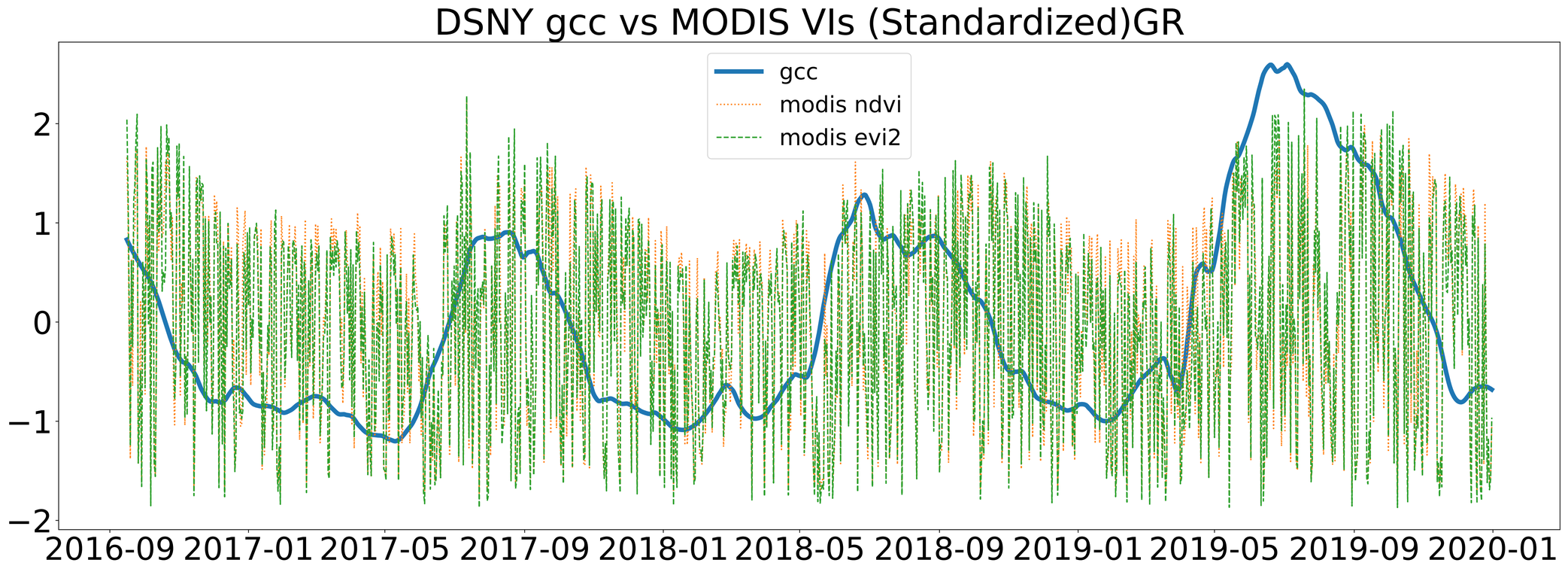
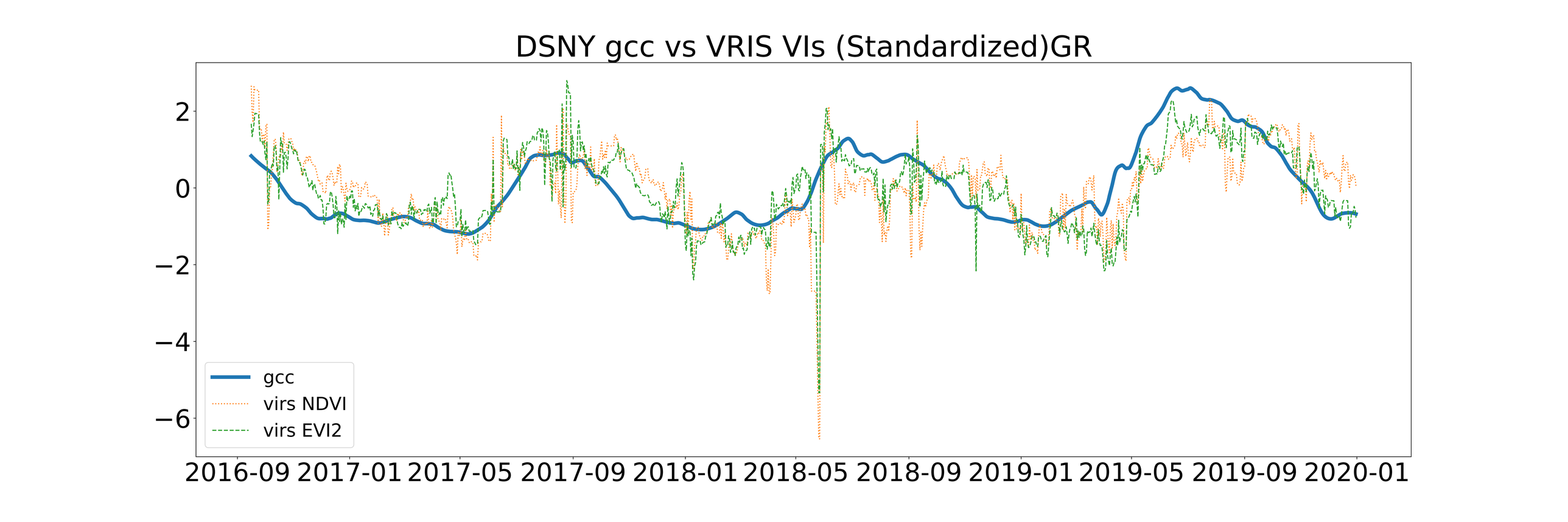
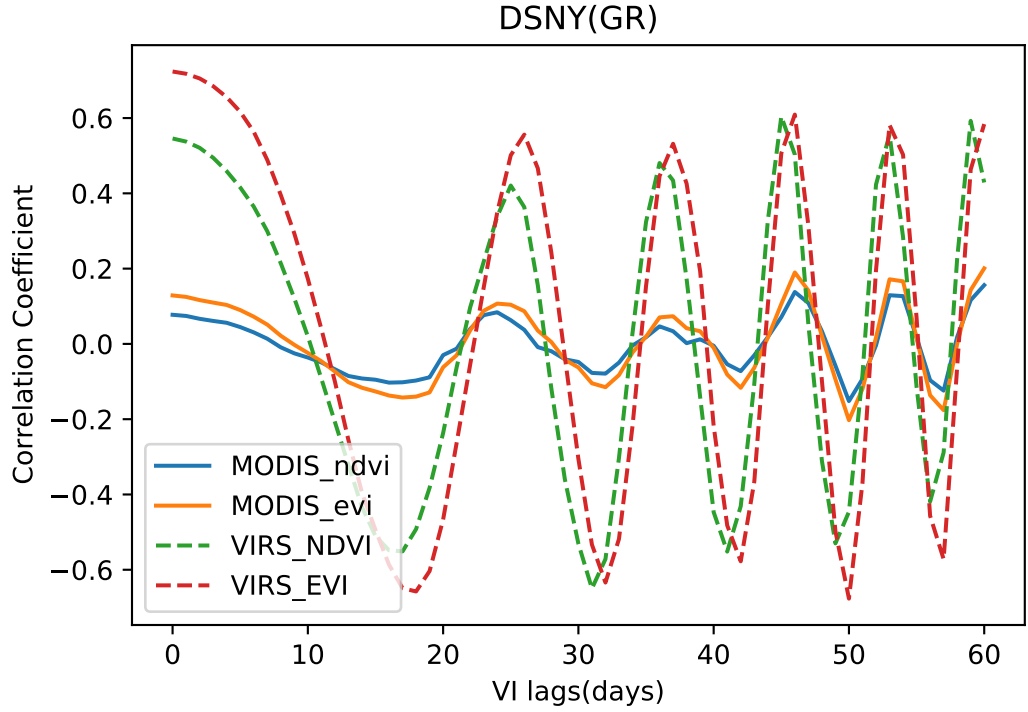

ABBY gcc vs MODIS VIs (Standardized)EN
2
1
0
−1
−2
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01
gcc
modis ndvi
modis evi2

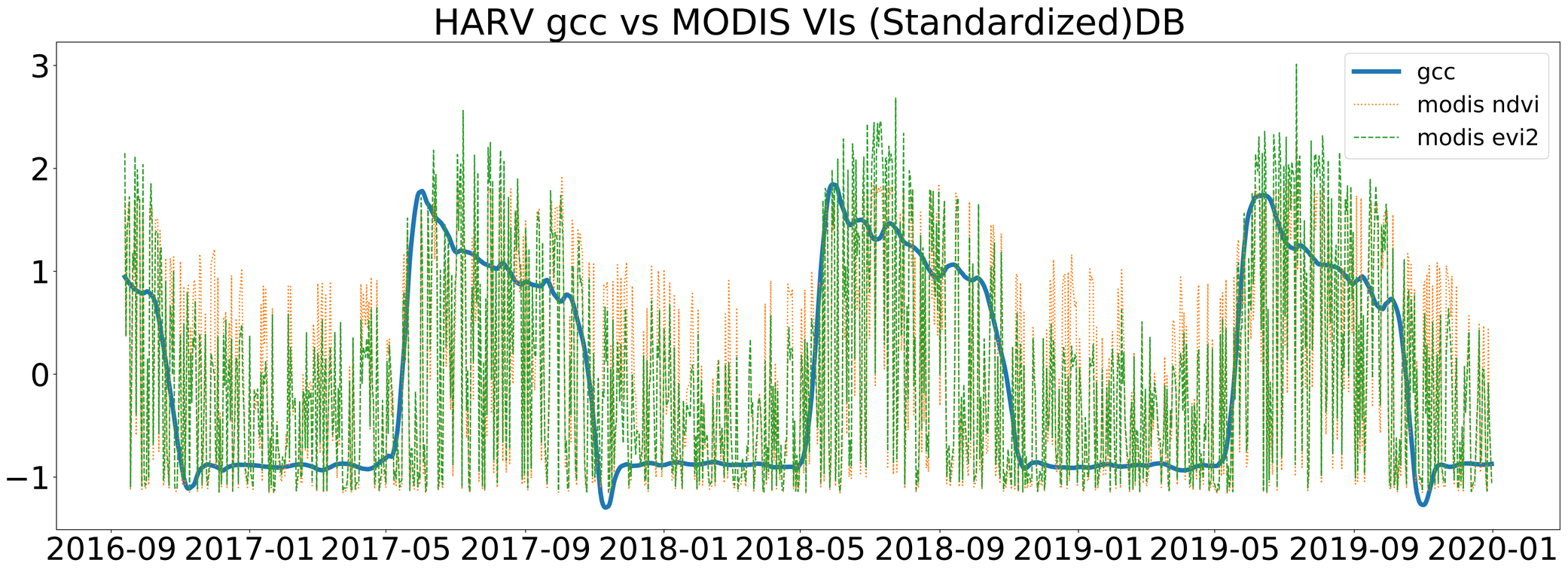

ABBY gcc vs VRIS VIs (Standardized)EN
2
1
0
−1
−2
−3
−4
gcc
virs NDVI
virs EVI2
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

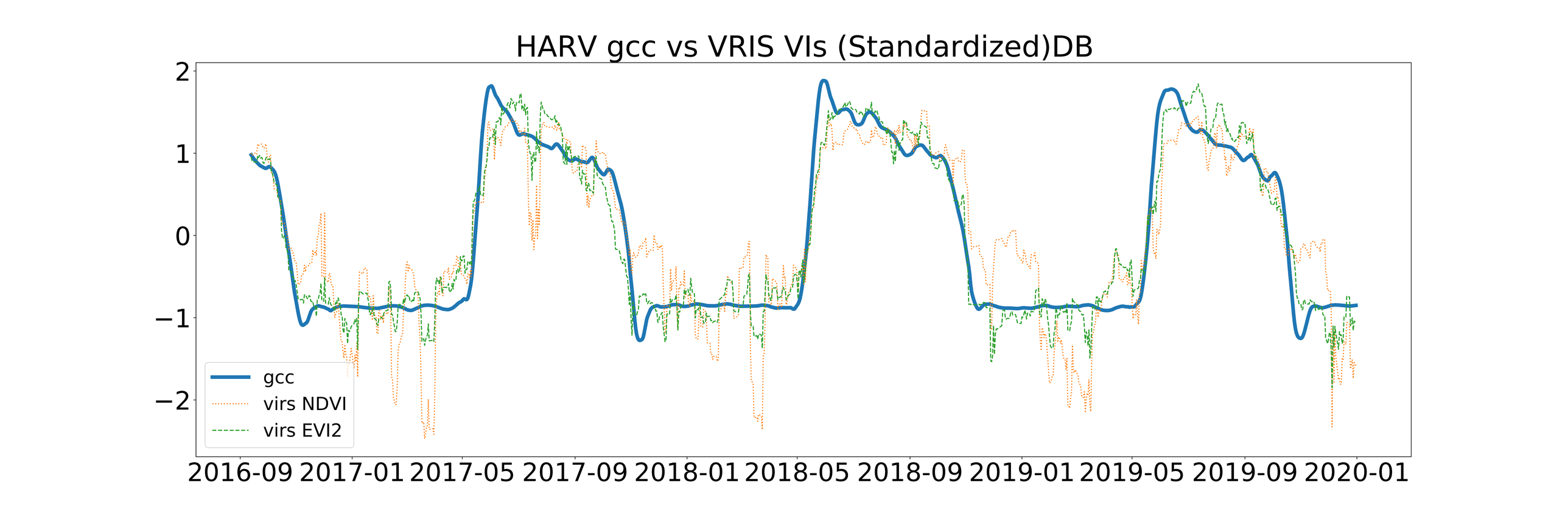

ABBY(EN)
Correlation Coefficient
VI lags(days)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
10
20
30
40
50
60

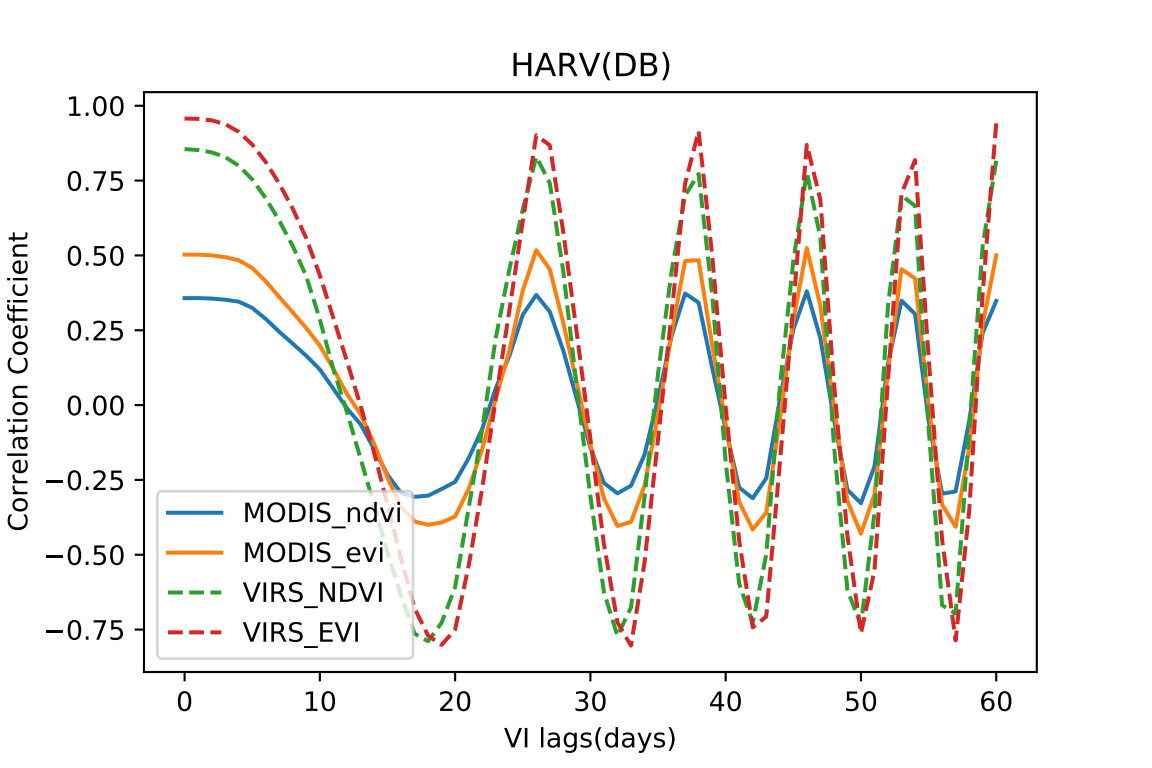

DSNY gcc vs MODIS VIs (Standardized)GR
gcc
modis ndvi
modis evi2
2
1
0
−1
−2
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

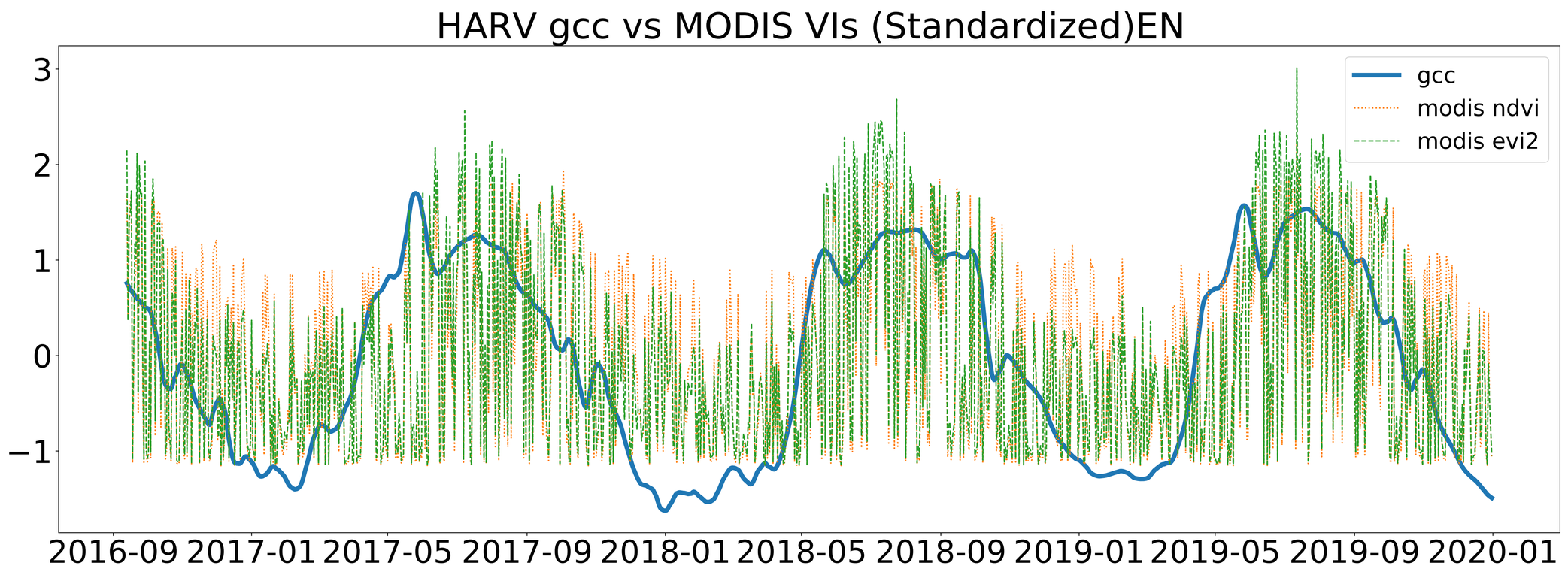

DSNY gcc vs VRIS VIs (Standardized)GR
2
0
−2
−4
−6
gcc
virs NDVI
virs EVI2
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

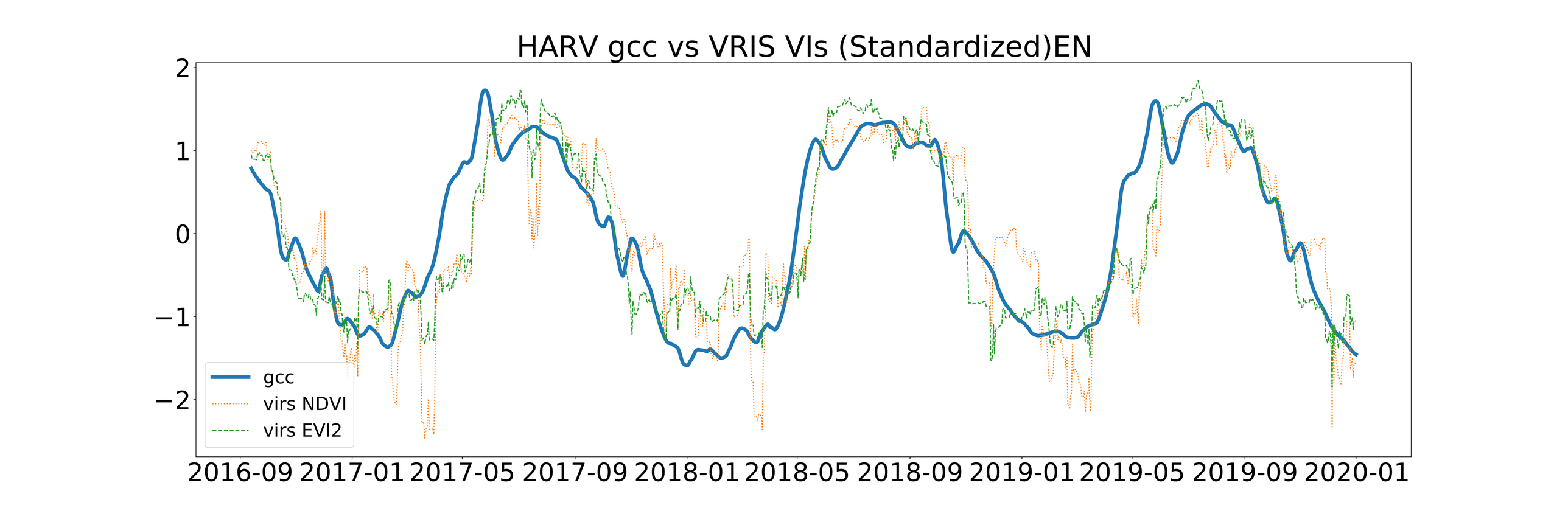

DSNY(GR)
Correlation Coefficient
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
10
20
30
40
50
60
VI lags(days)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI

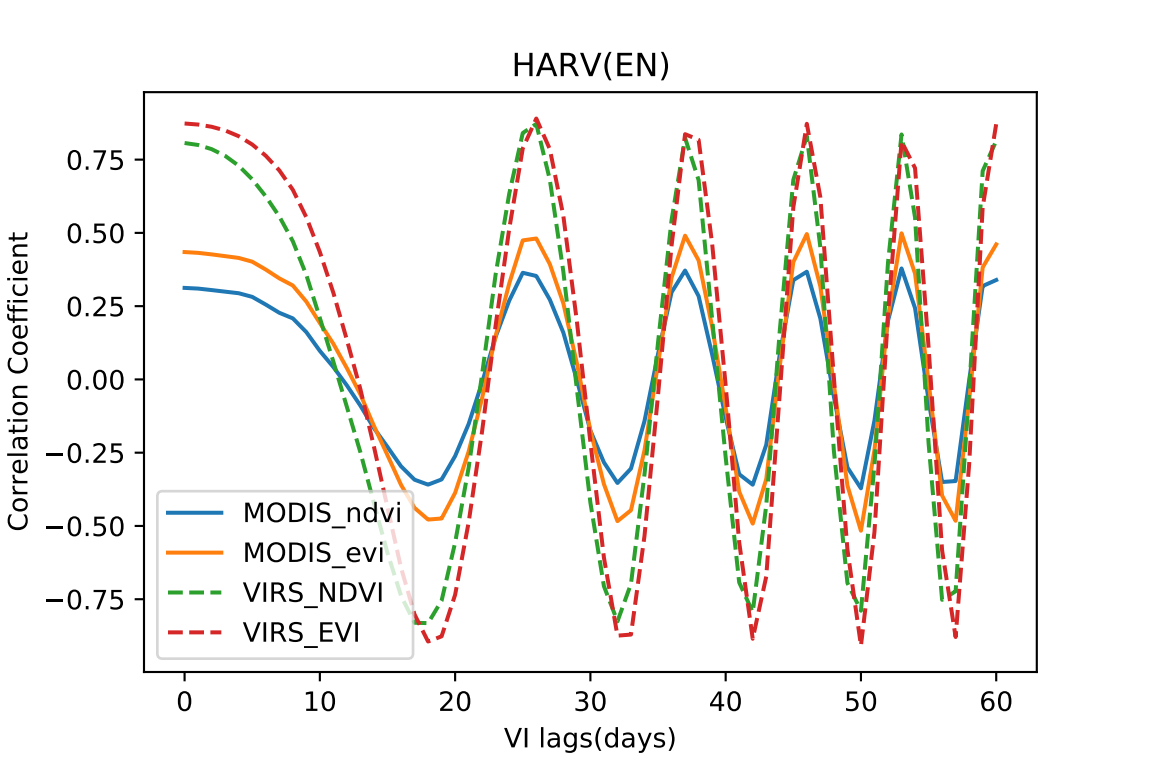

HARV gcc vs MODIS VIs (Standardized)DB
gcc
modis ndvi
modis evi2
3
2
1
0
−1
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

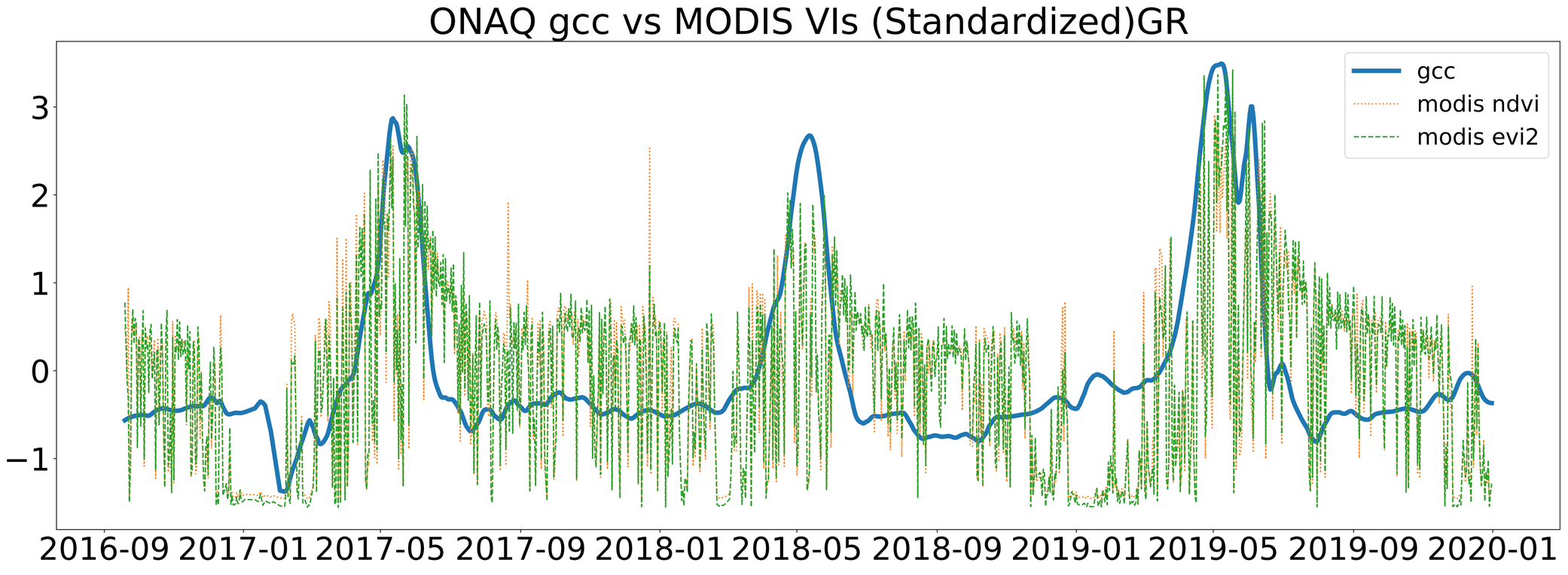

HARV gcc vs VRIS VIs (Standardized)DB
2
1
0
−1
−2
gcc
virs NDVI
virs EVI2
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

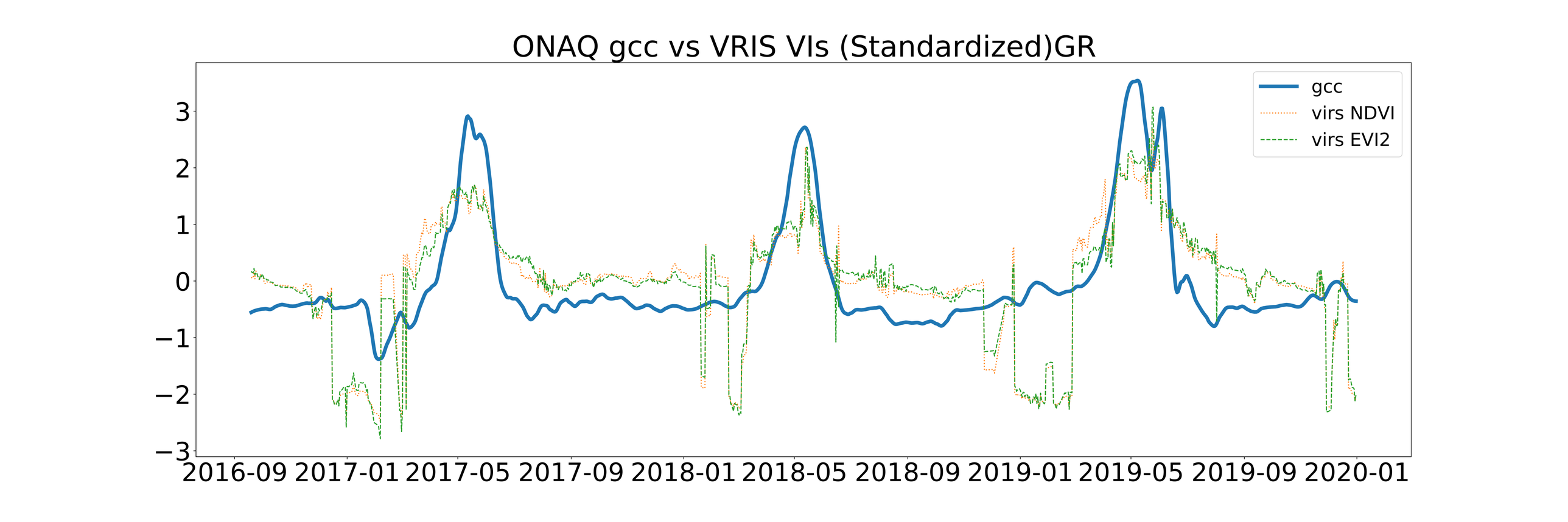

HARV(DB)
Correlation Coefficient
VI lags(days)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
0
10
20
30
40
50
60

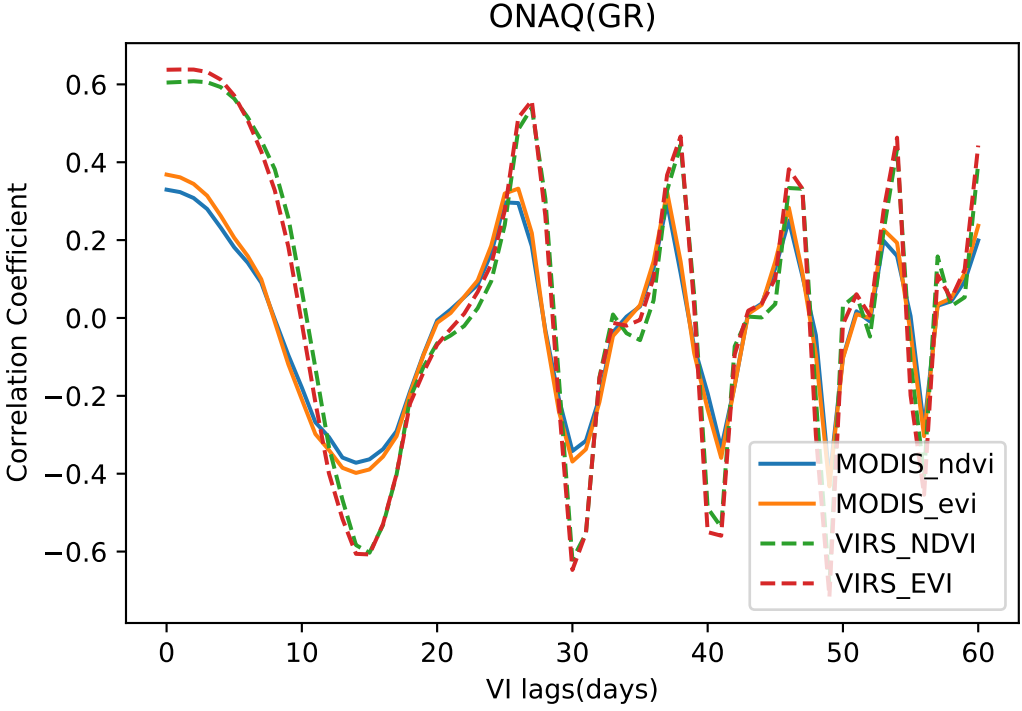

HARV gcc vs MODIS VIs (Standardized)EN
gcc
modis ndvi
modis evi2
3
2
1
0
−1
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

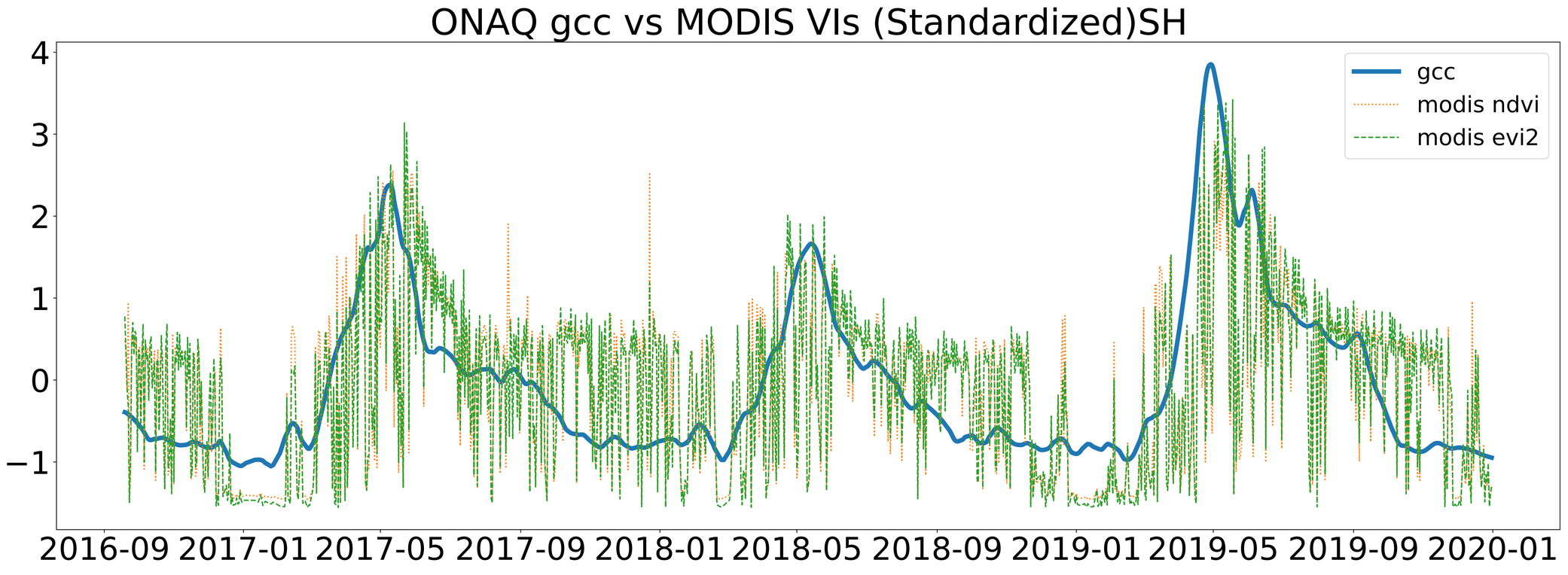

HARV gcc vs VRIS VIs (Standardized)EN
2
1
0
−1
−2
gcc
virs NDVI
virs EVI2
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

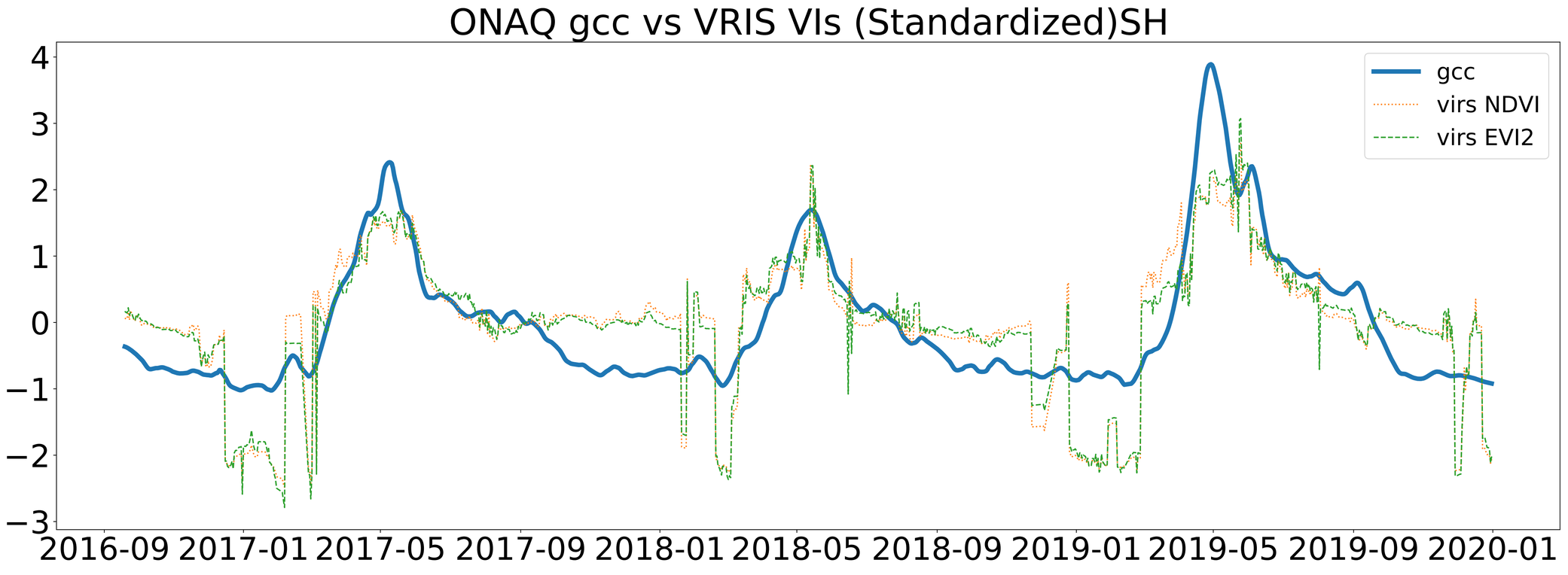

HARV(EN)
Correlation Coefficient
VI lags(days)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
0
10
20
30
40
50
60

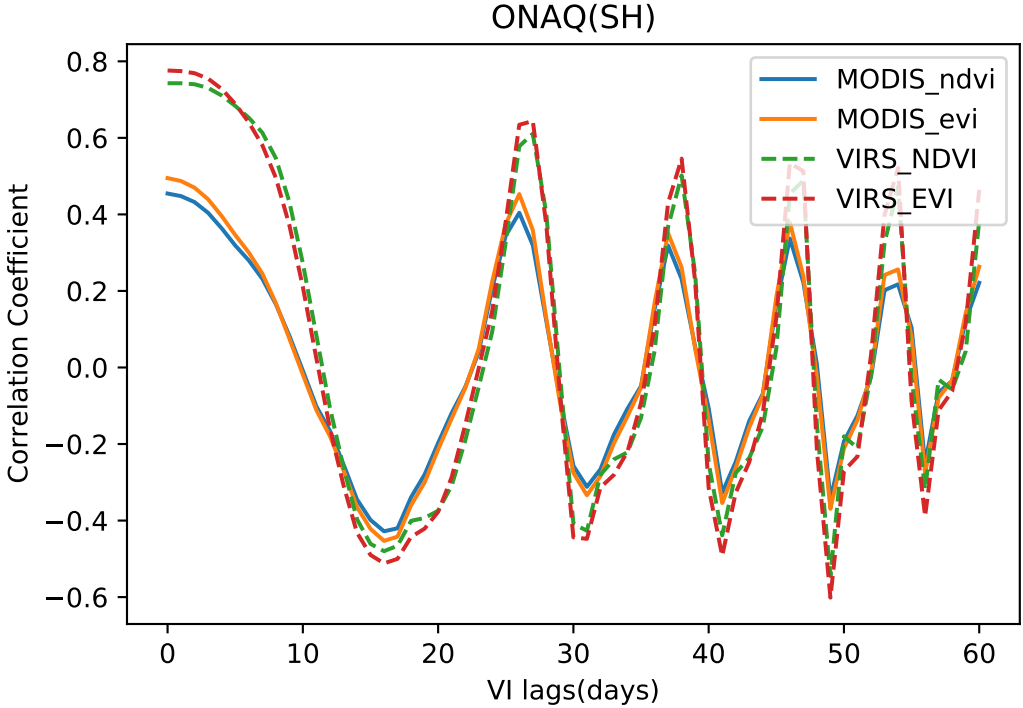

ONAQ gcc vs MODIS VIs (Standardized)GR
gcc
modis ndvi
modis evi2
3
2
1
0
−1
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

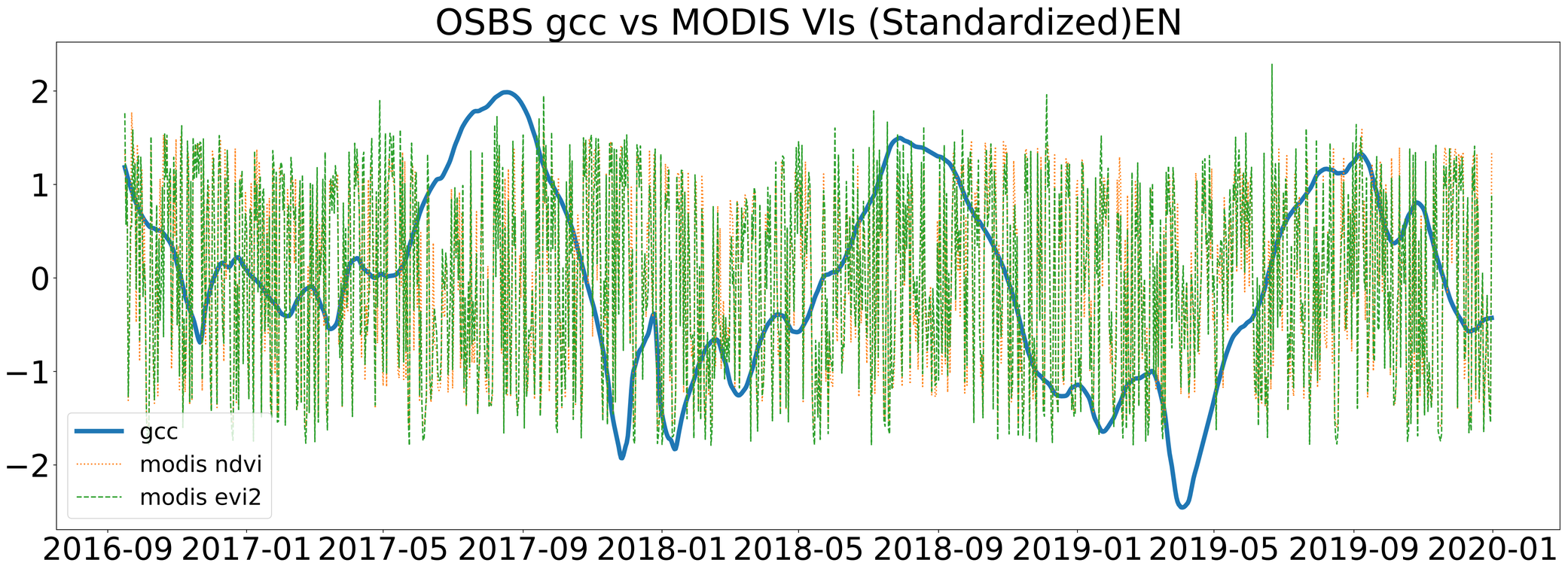

ONAQ gcc vs VRIS VIs (Standardized)GR
gcc
virs NDVI
virs EVI2
3
2
1
0
−1
−2
−3
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01

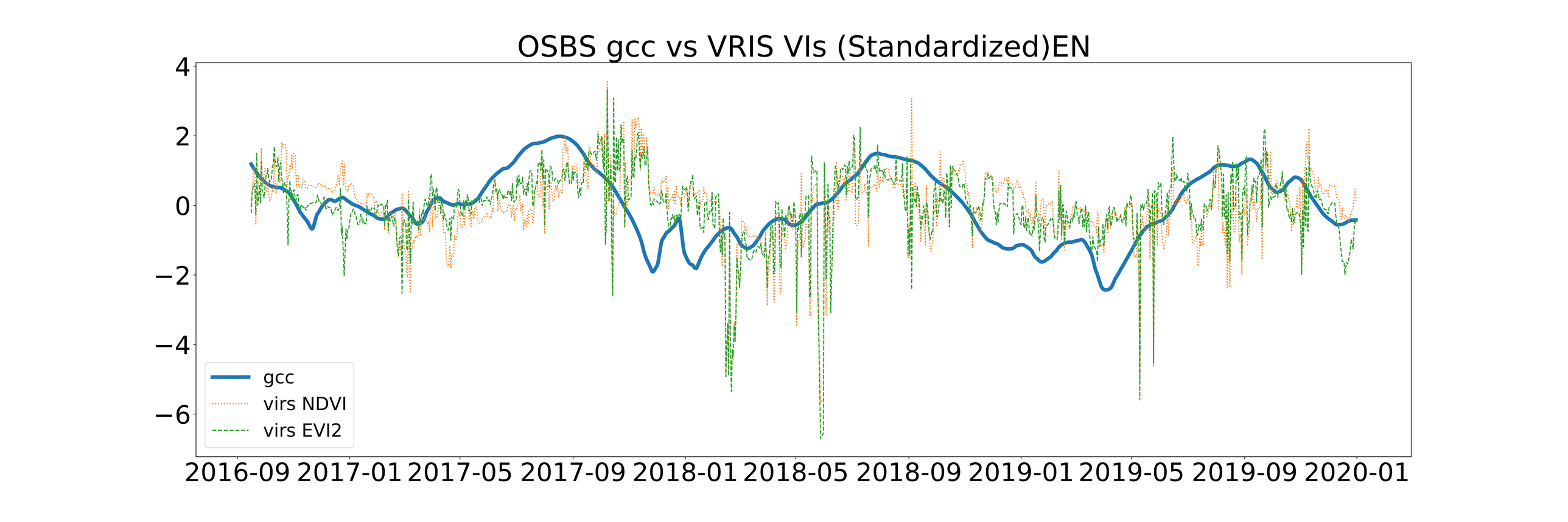

ONAQ(GR)
Correlation Coefficient
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
10
20
30
40
50
60
VI lags(days)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI

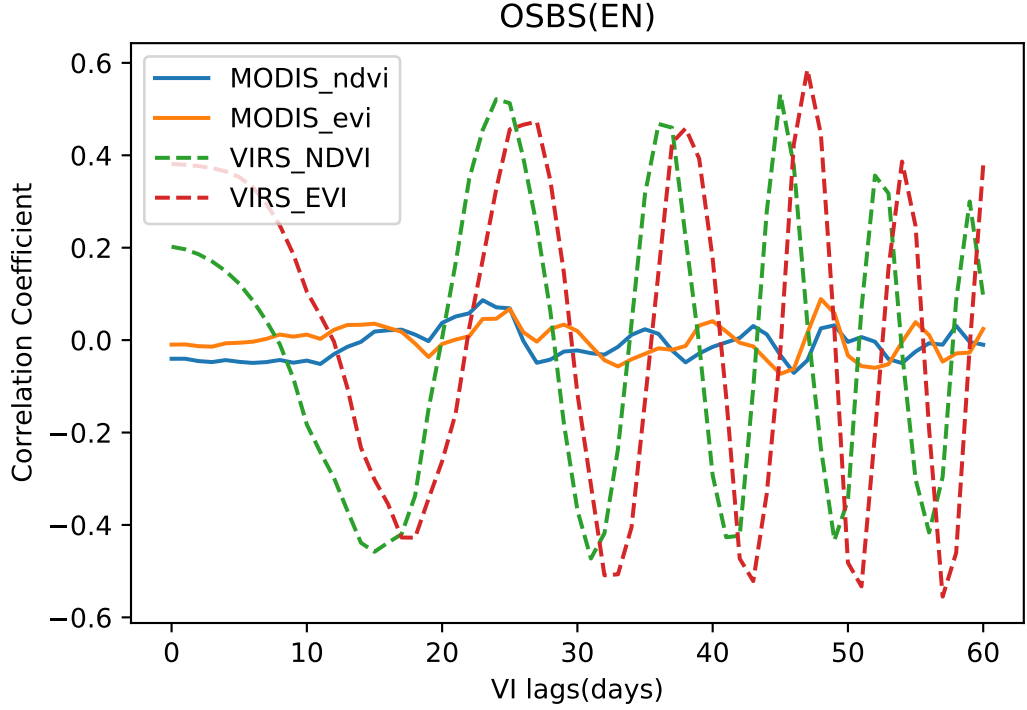

ONAQ gcc vs MODIS VIs (Standardized)SH
gcc
modis ndvi
modis evi2
4
3
2
1
0
−1
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01


ONAQ gcc vs VRIS VIs (Standardized)SH
gcc
virs NDVI
virs EVI2
4
3
2
1
0
−1
−2
−3
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01


ONAQ(SH)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI
Correlation Coefficient
VI lags(days)
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
10
20
30
40
50
60


OSBS gcc vs MODIS VIs (Standardized)EN
2
1
0
−1
−2
gcc
modis ndvi
modis evi2
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01


OSBS gcc vs VRIS VIs (Standardized)EN
4
2
0
−2
−4
−6
gcc
virs NDVI
virs EVI2
2016-09
2017-01
2017-05
2017-09
2018-01
2018-05
2018-09
2019-01
2019-05
2019-09
2020-01


OSBS(EN)
MODIS_ndvi
MODIS_evi
VIRS_NDVI
VIRS_EVI
Correlation Coefficient
VI lags(days)
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
0
10
20
30
40
50
60