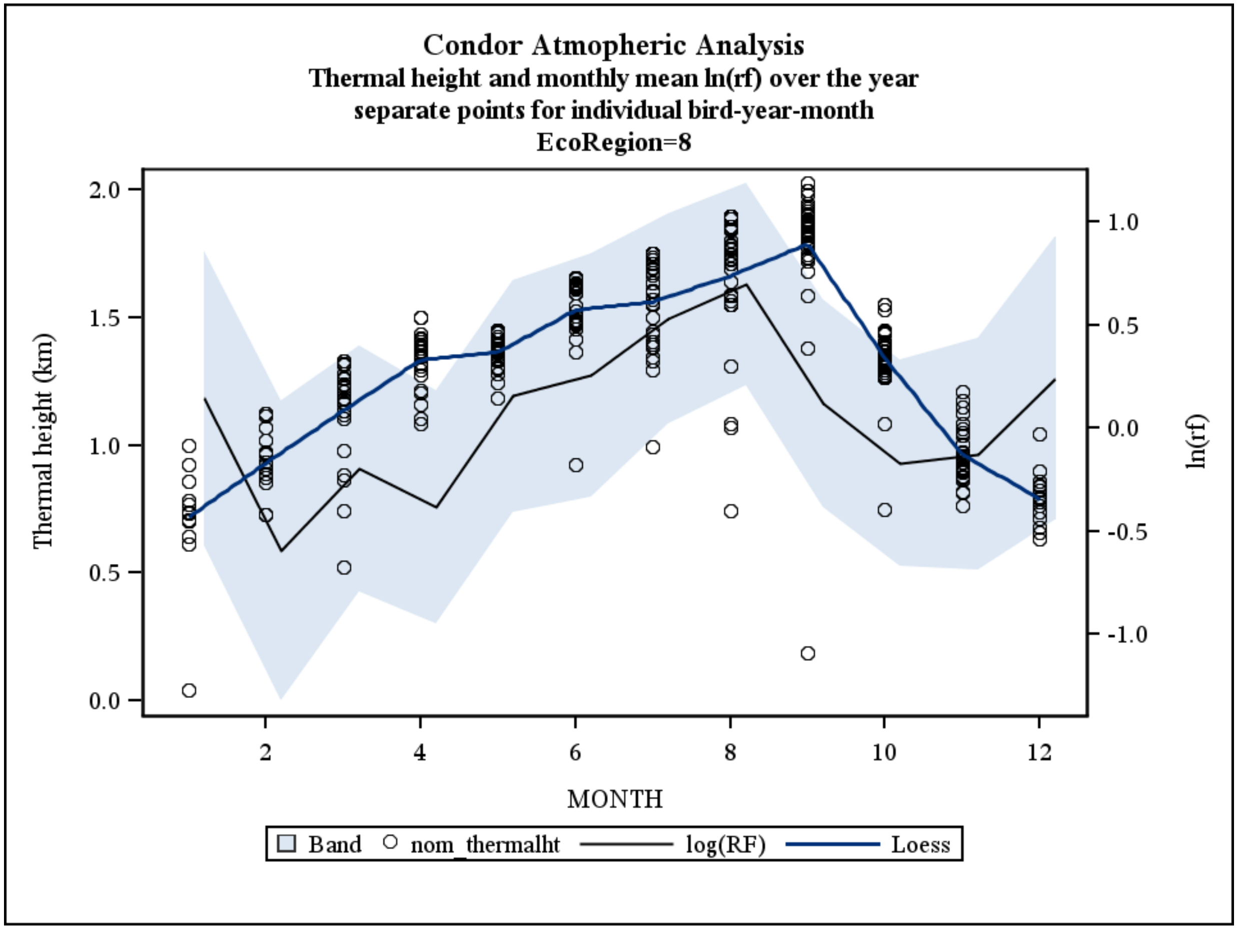
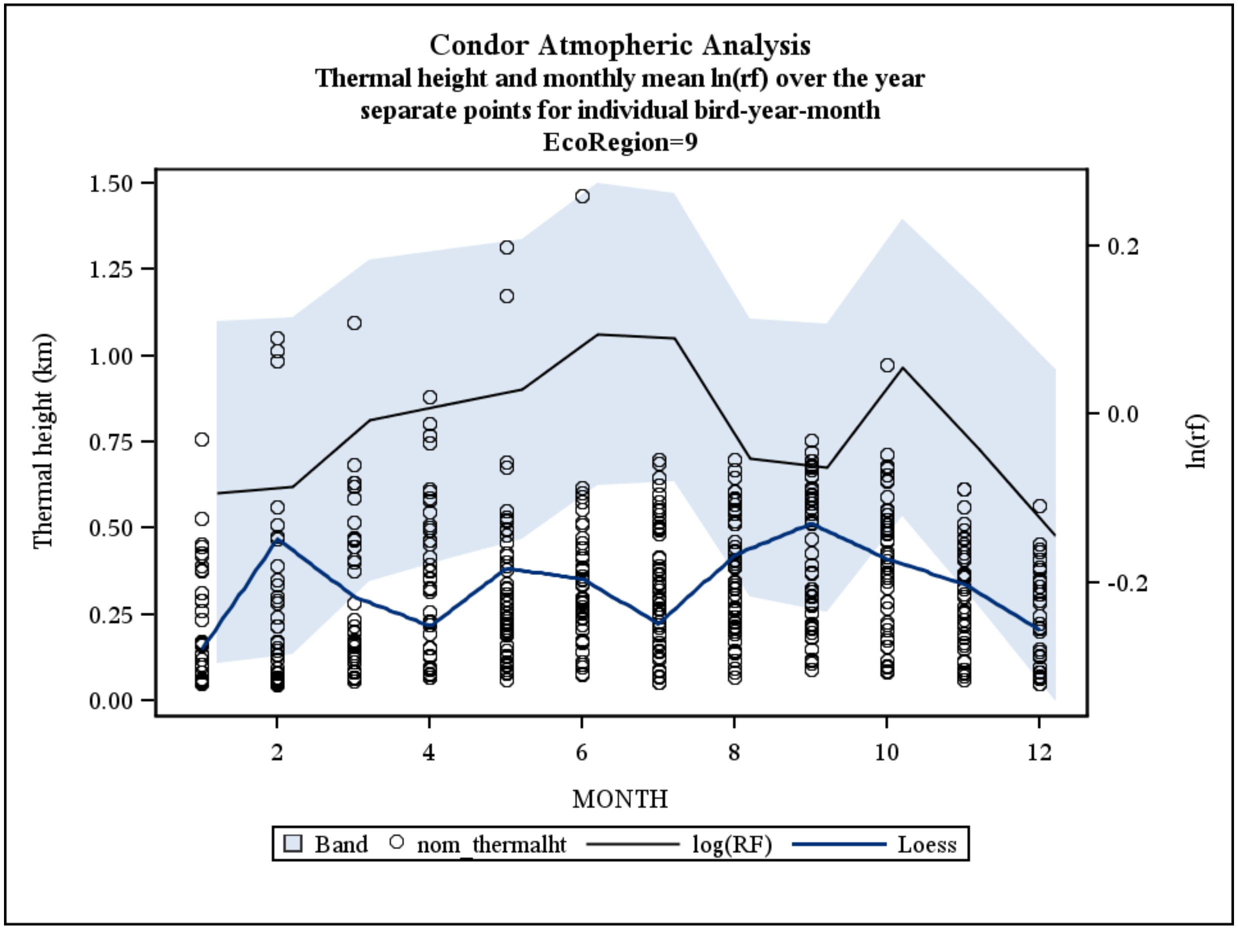
Document S7. The following figures contain plots for each of three meteorological parameters (i.e., thermal height, thermal velocity, and wind speed; left axis) and mean ln(rf) values (right axis) plotted against months in the annual cycle for each of the 25 California ecoregions examined. Monthly estimates were adjusted for individual bird attributes, and the gray band is the 95% confidence interval for the mean ln(rf) values.

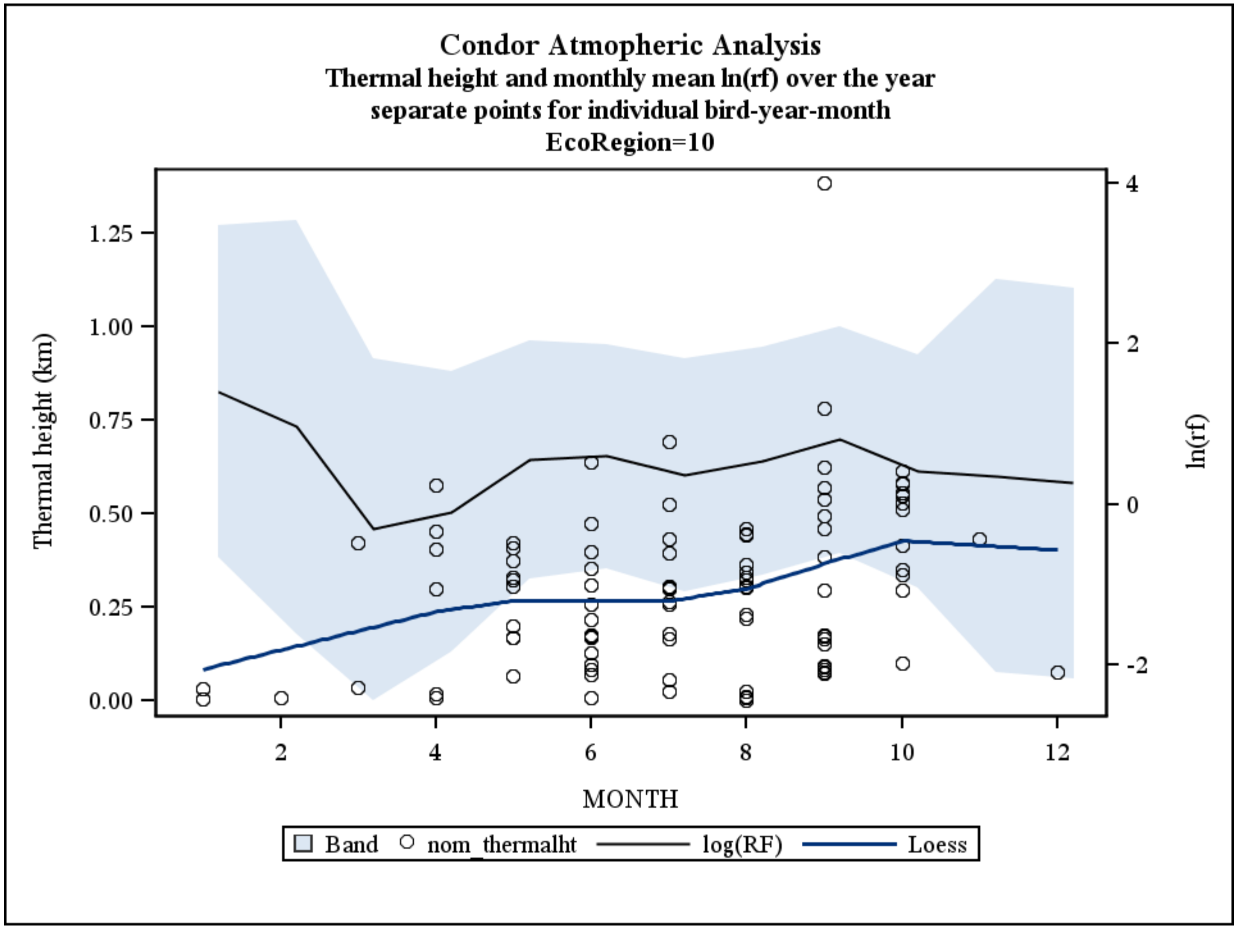
EcoRegion=8


Condor Atmopheric Analysis
Thermal height and monthly mean ln(rf) over the year
separate points for individual bird-year-month
EcoRegion=8
Thermal height (km)
2.0
1.5
1.0
0.5
0.0
ln(rf)
1.0
0.5
0.0
-0.5
-1.0
2
4
6
8
10
12
MONTH
Band
nom_thermalht
log(RF)
Loess

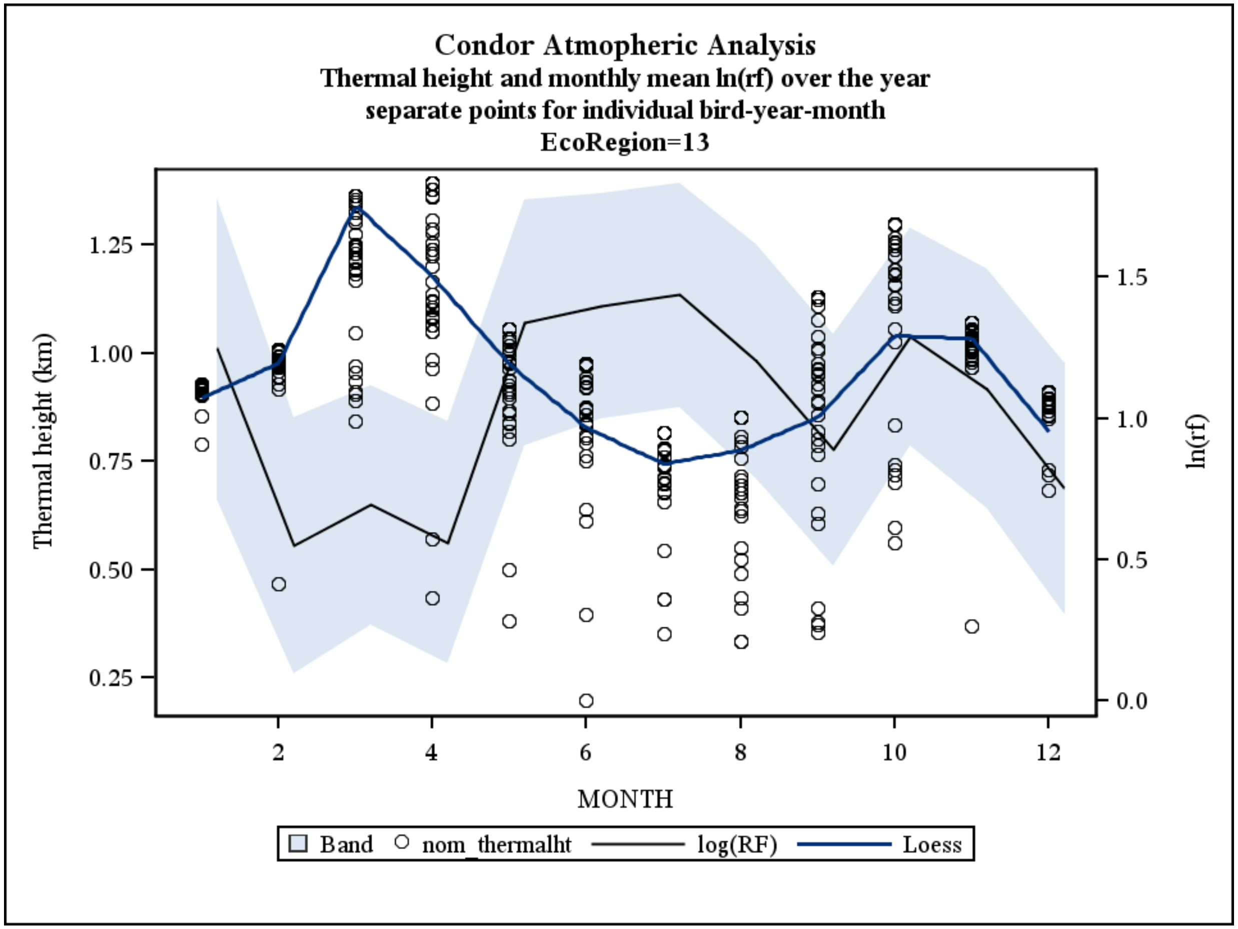
EcoRegion=9


Condor Atmopheric Analysis
Thermal height and monthly mean ln(rf) over the year
separate points for individual bird-year-month
EcoRegion=9
Thermal height (km)
1.50
1.25
1.00
0.75
0.50
0.25
0.00
ln(rf)
0.2
0.0
-0.2
2
4
6
8
10
12
MONTH
Band
nom_thermalht
log(RF)
Loess

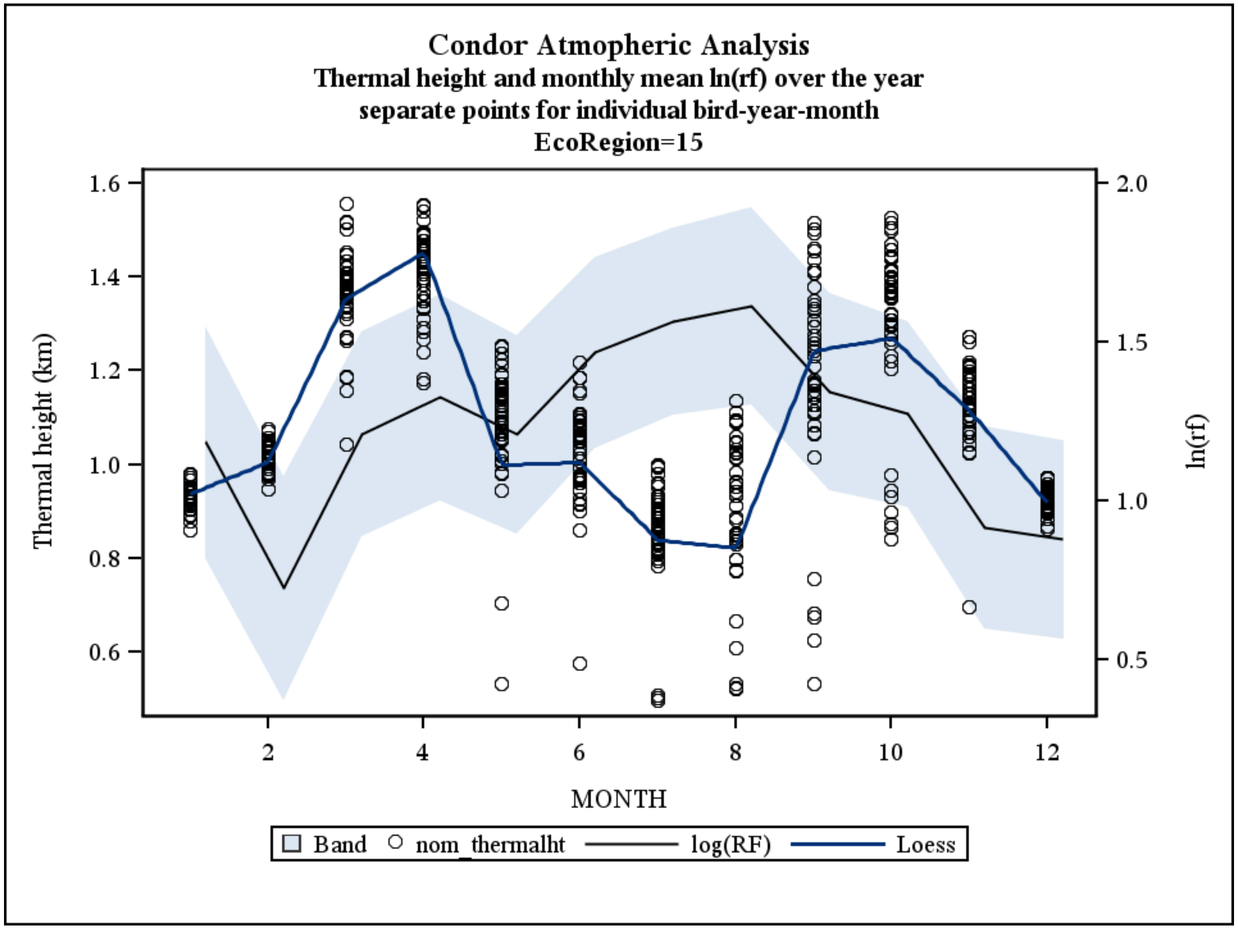
EcoRegion=10



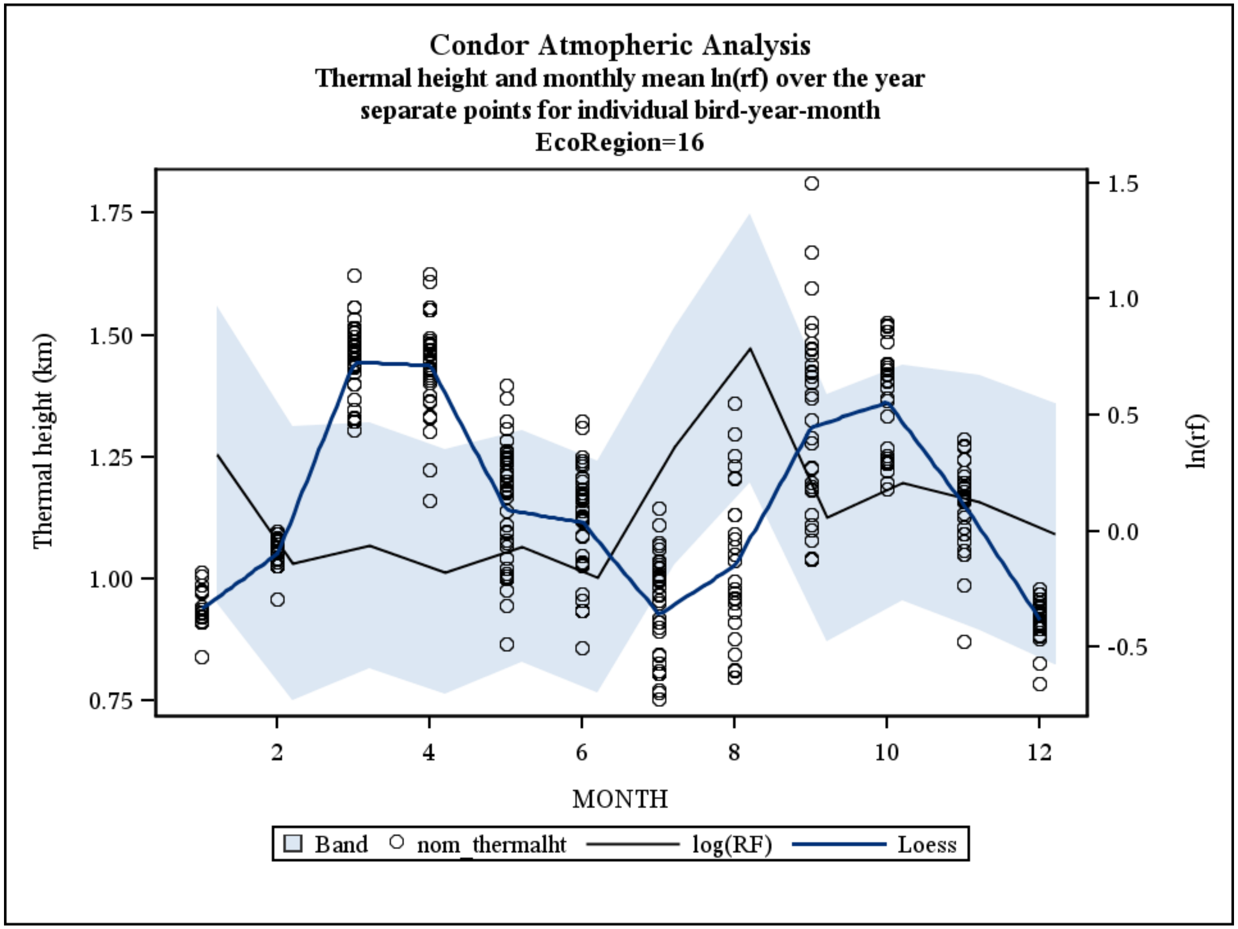
EcoRegion=13



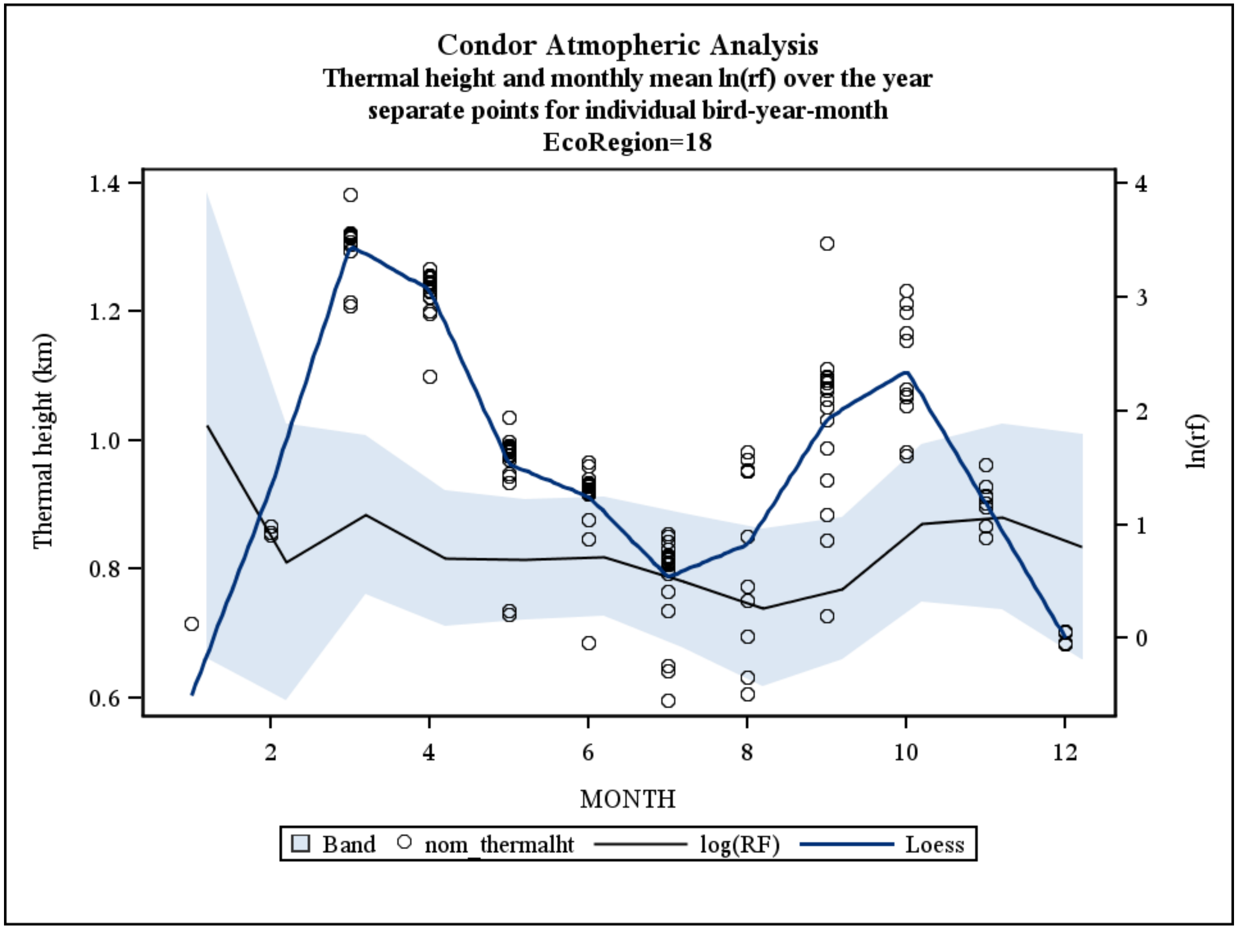
EcoRegion=15



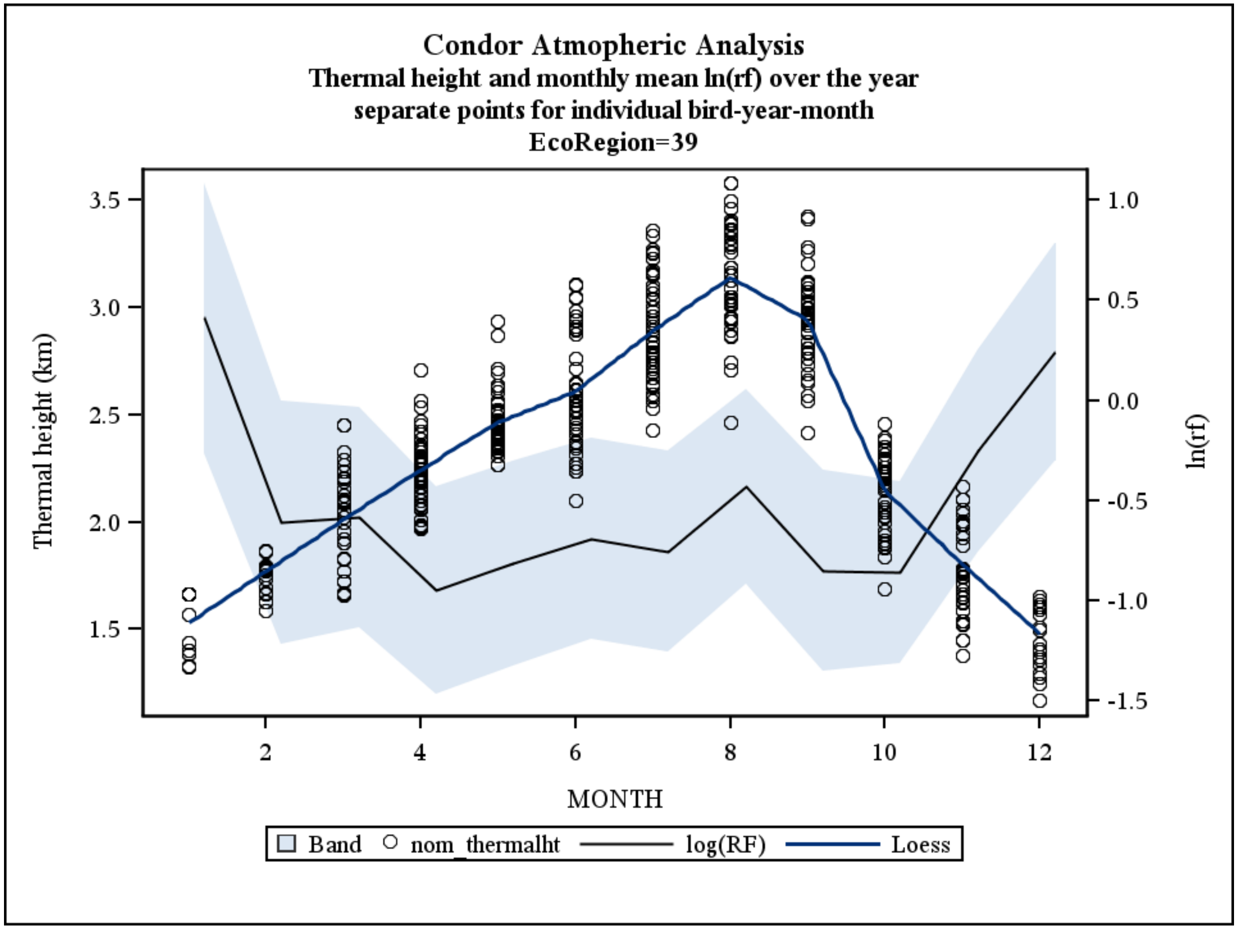
EcoRegion=16



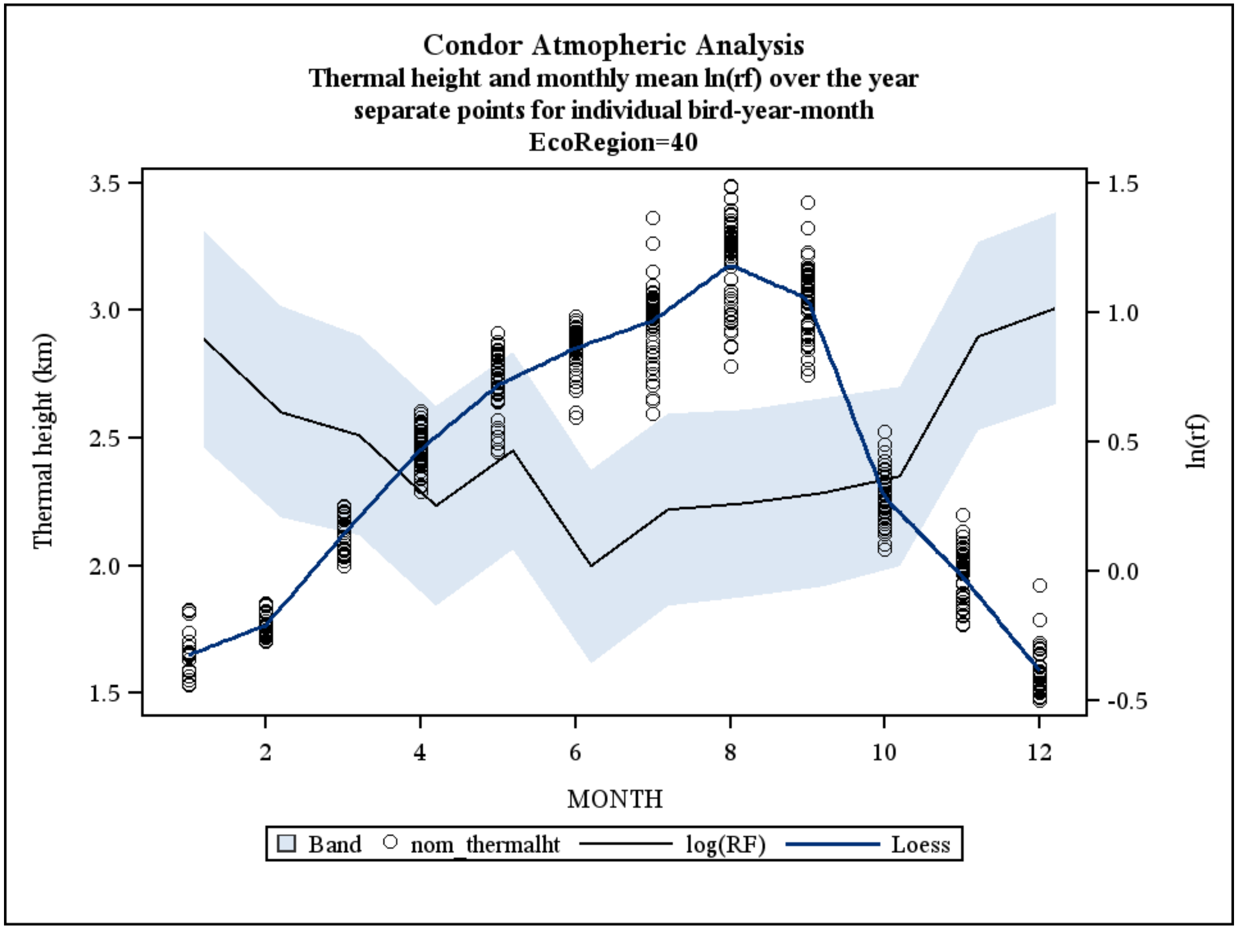
EcoRegion=18



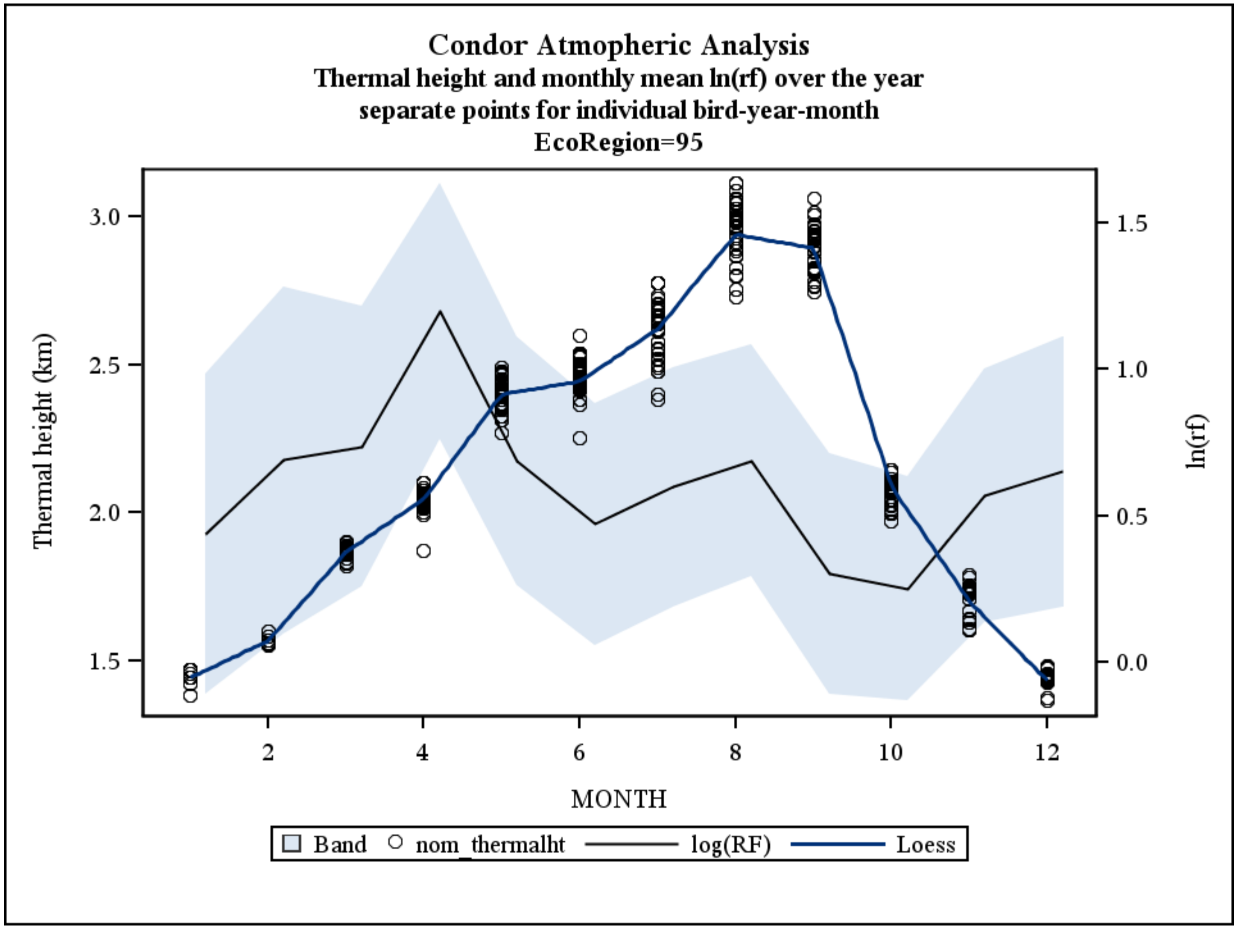
EcoRegion=39



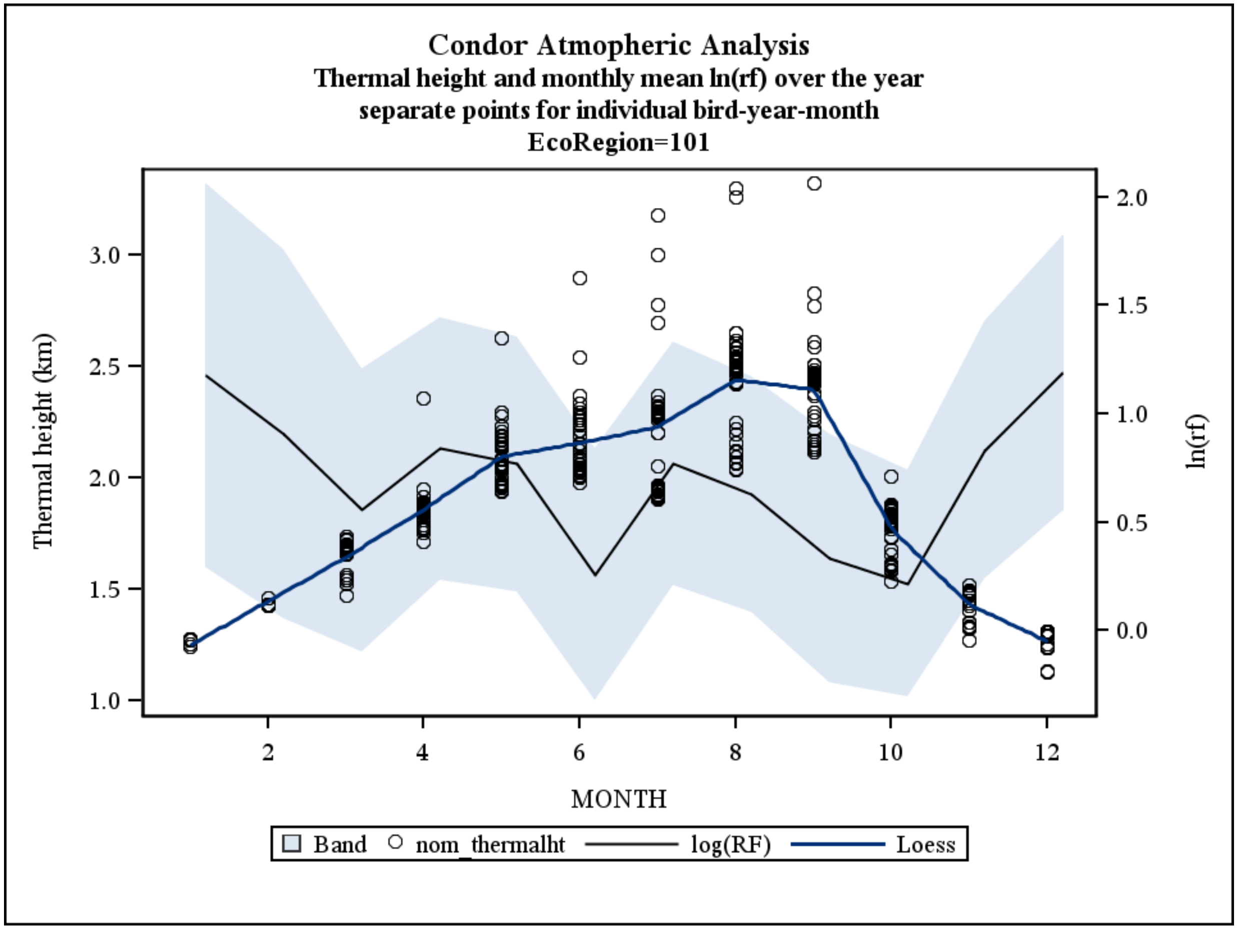
EcoRegion=40



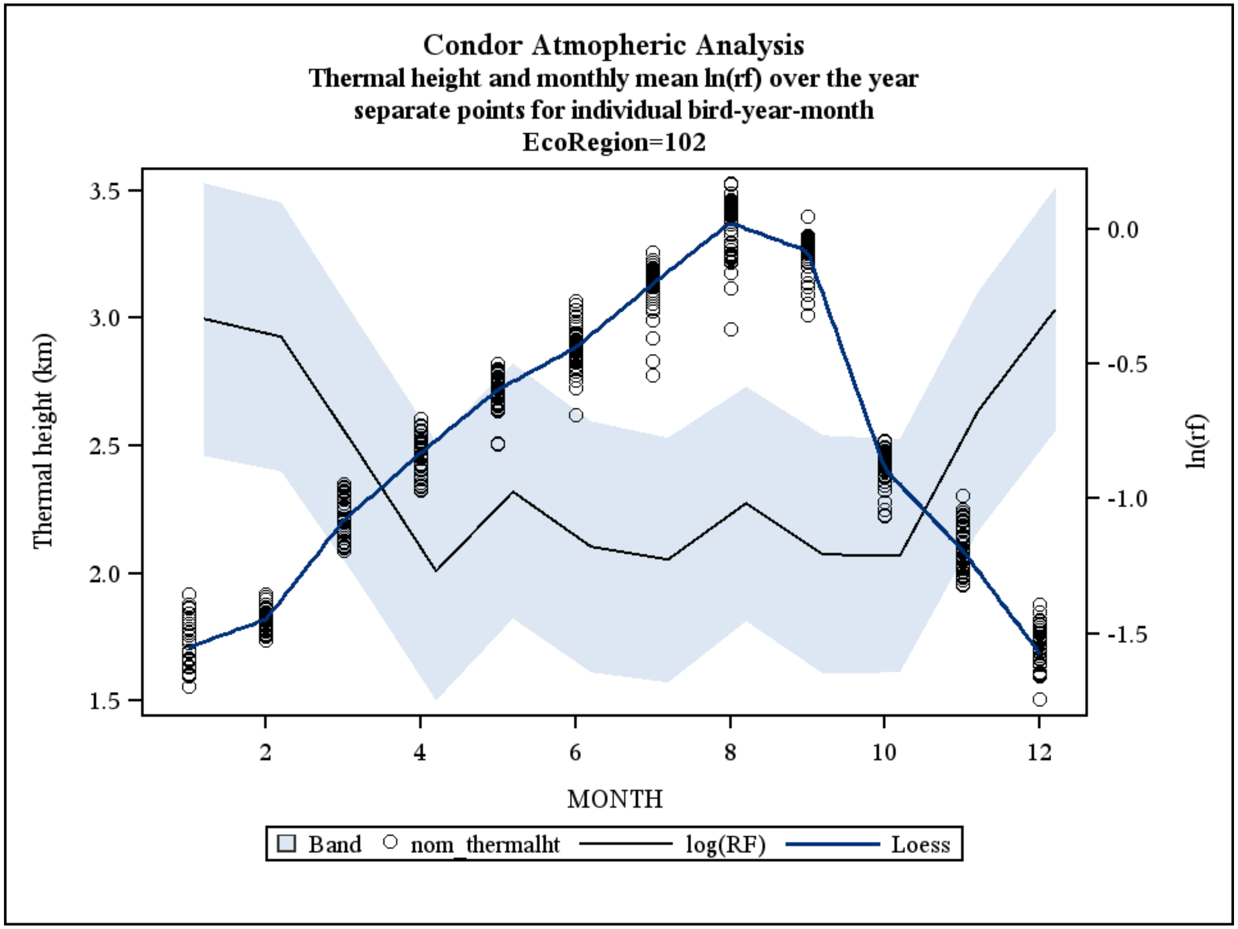
EcoRegion=95



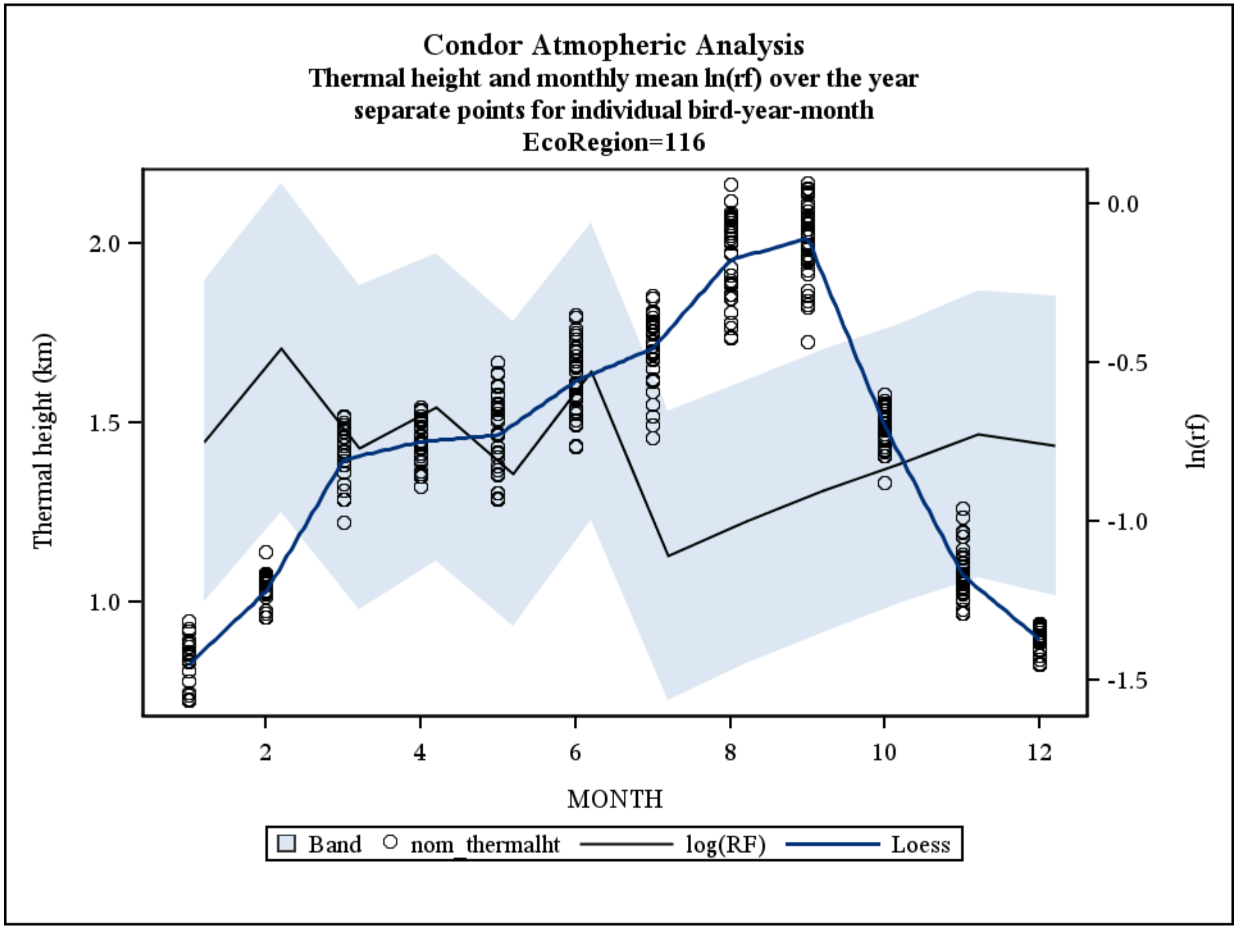
EcoRegion=101



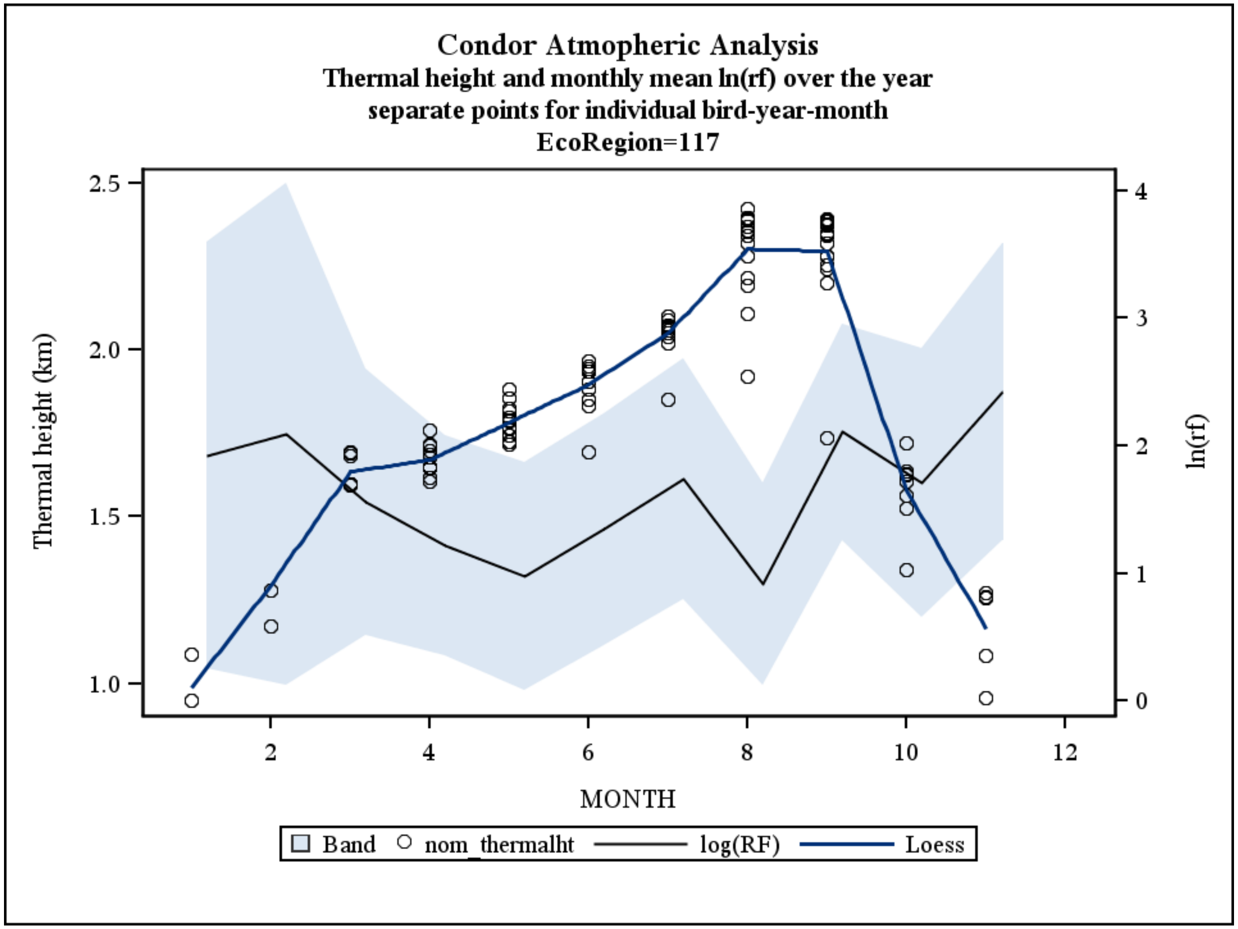
EcoRegion=102



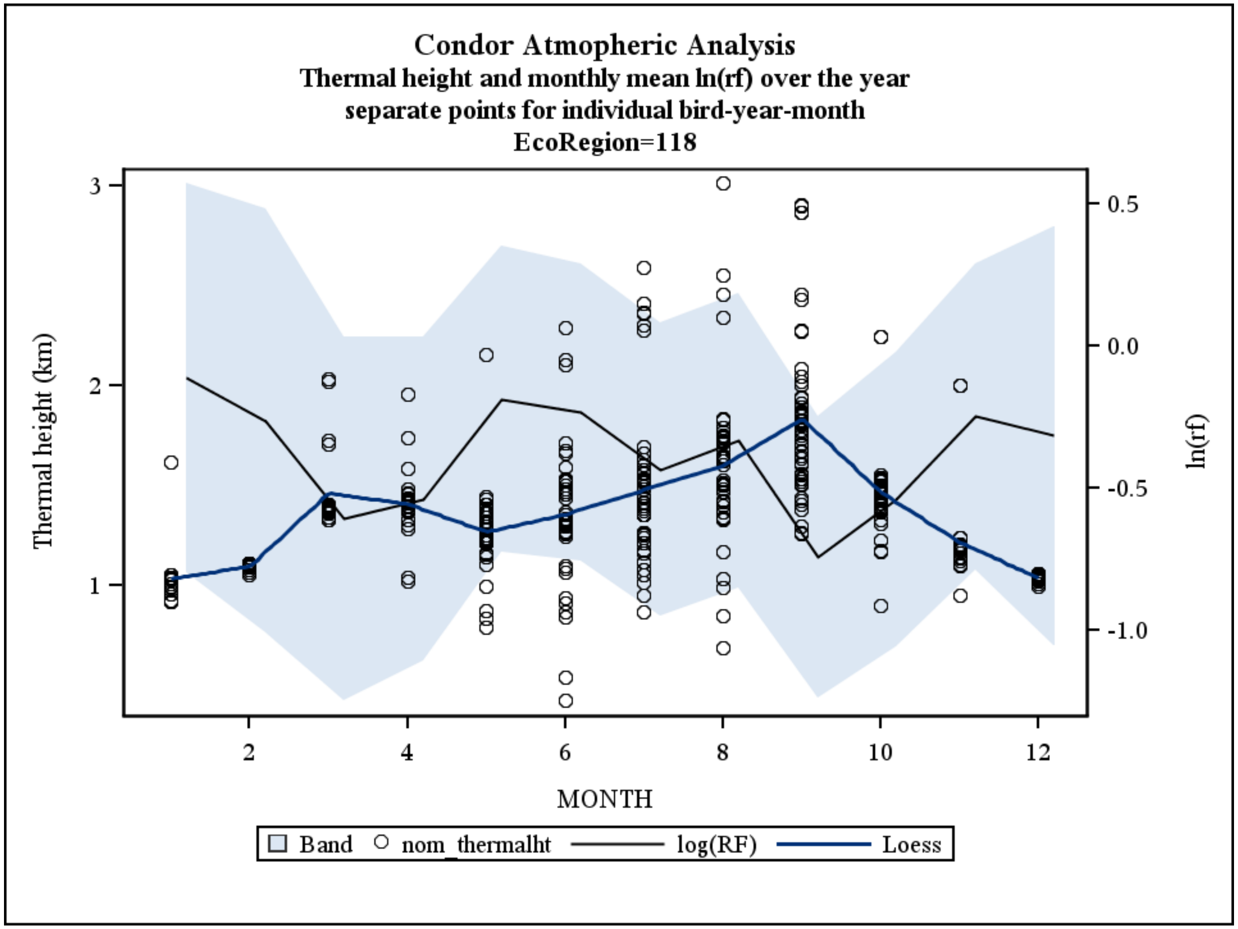
EcoRegion=116



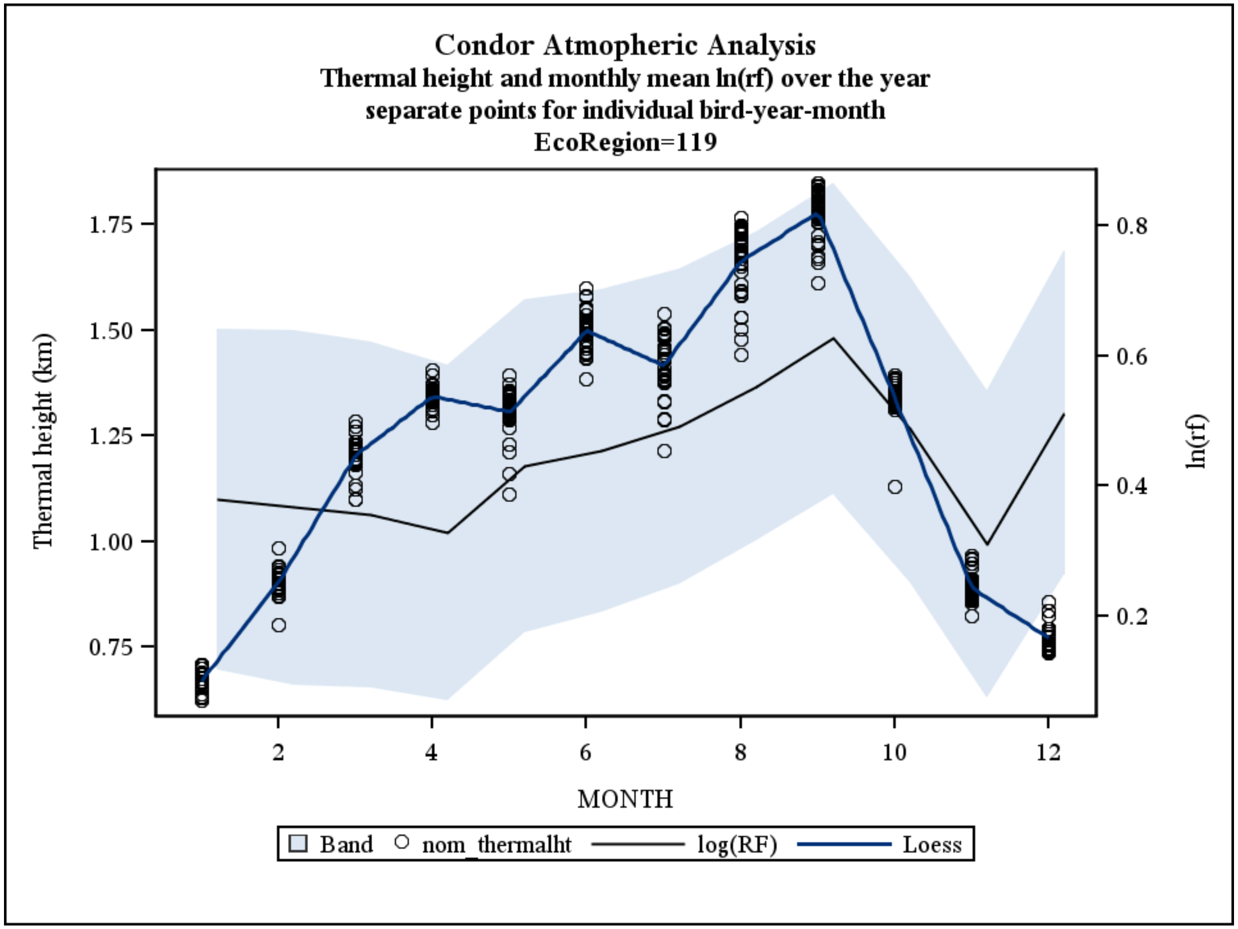
EcoRegion=117



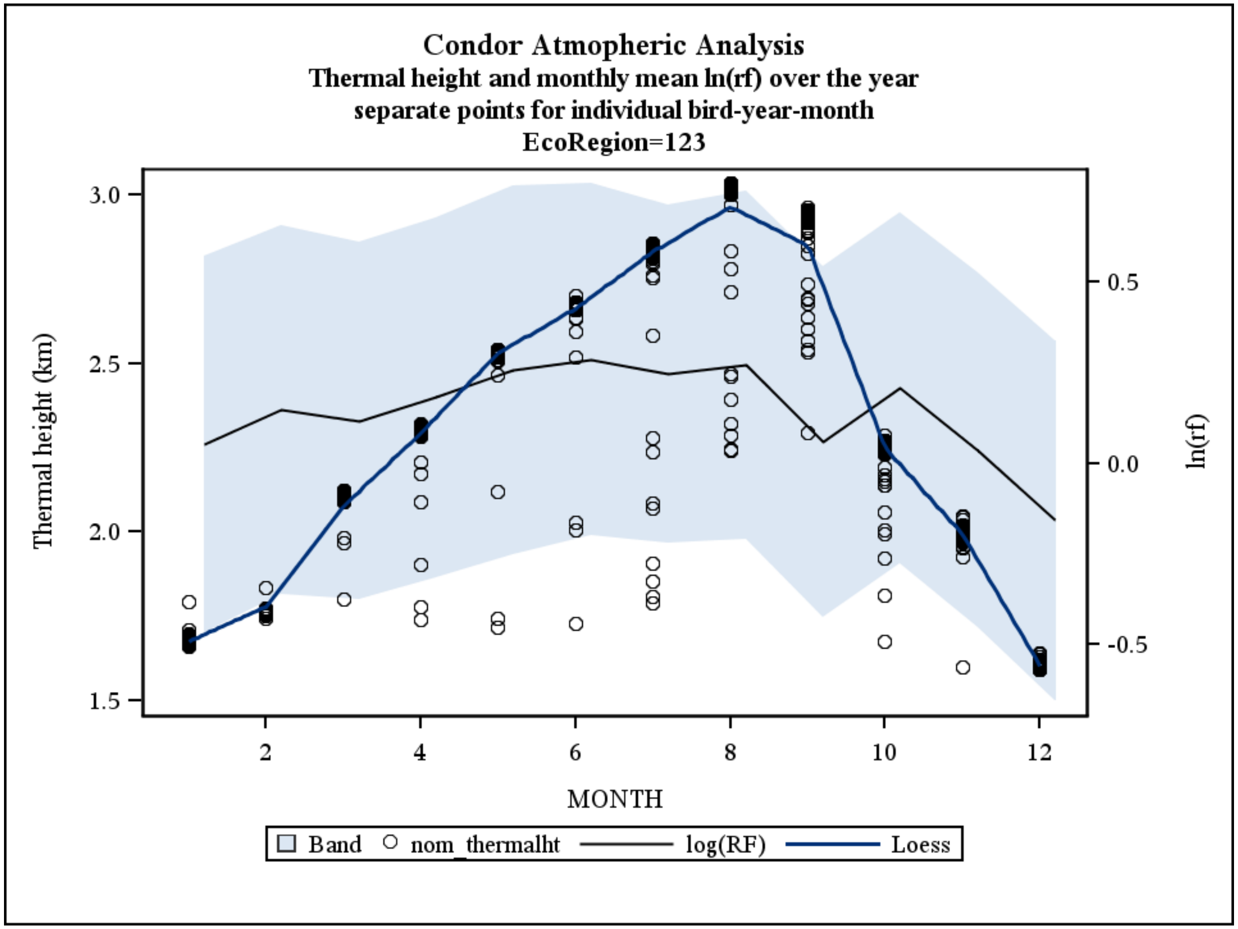
EcoRegion=118



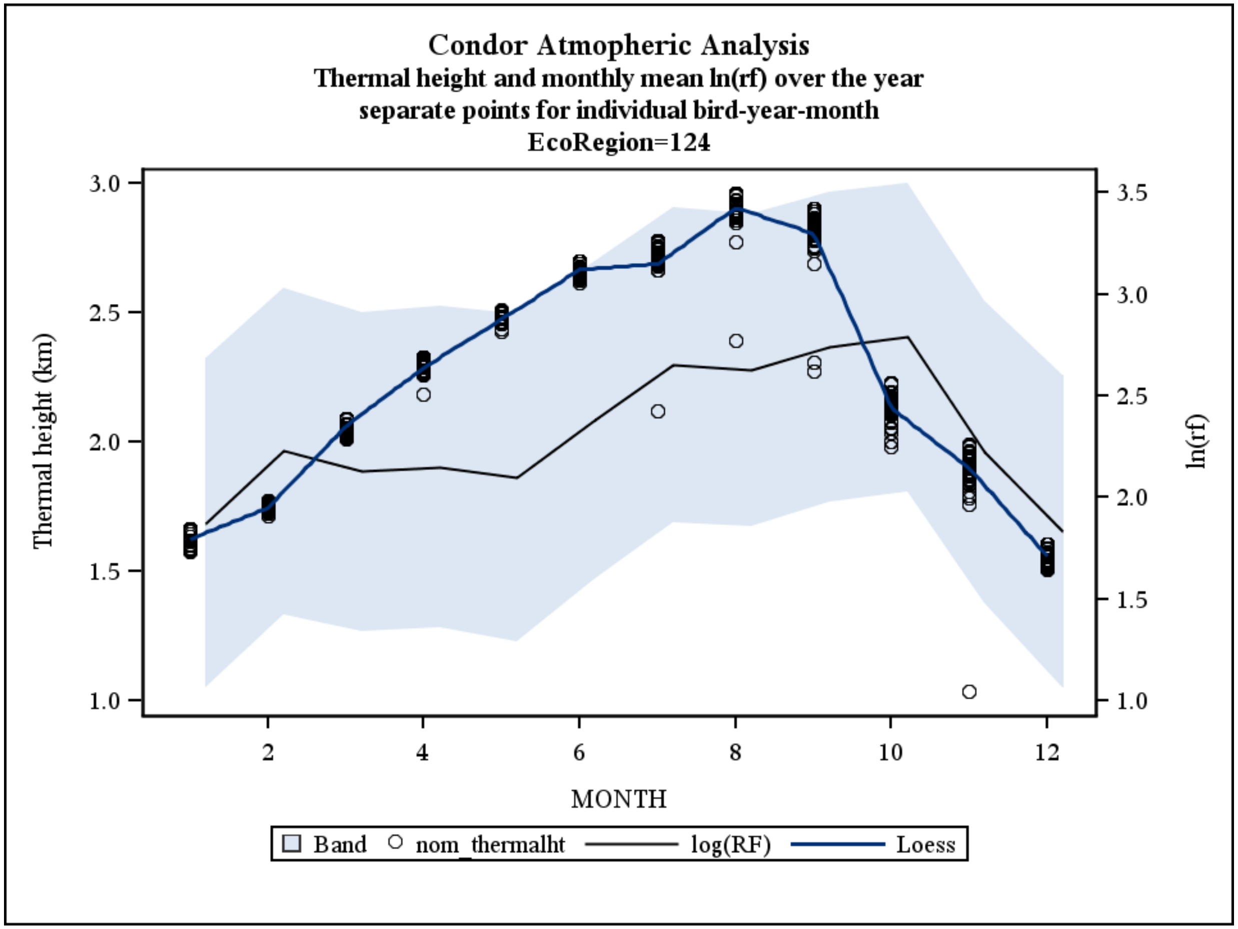
EcoRegion=119



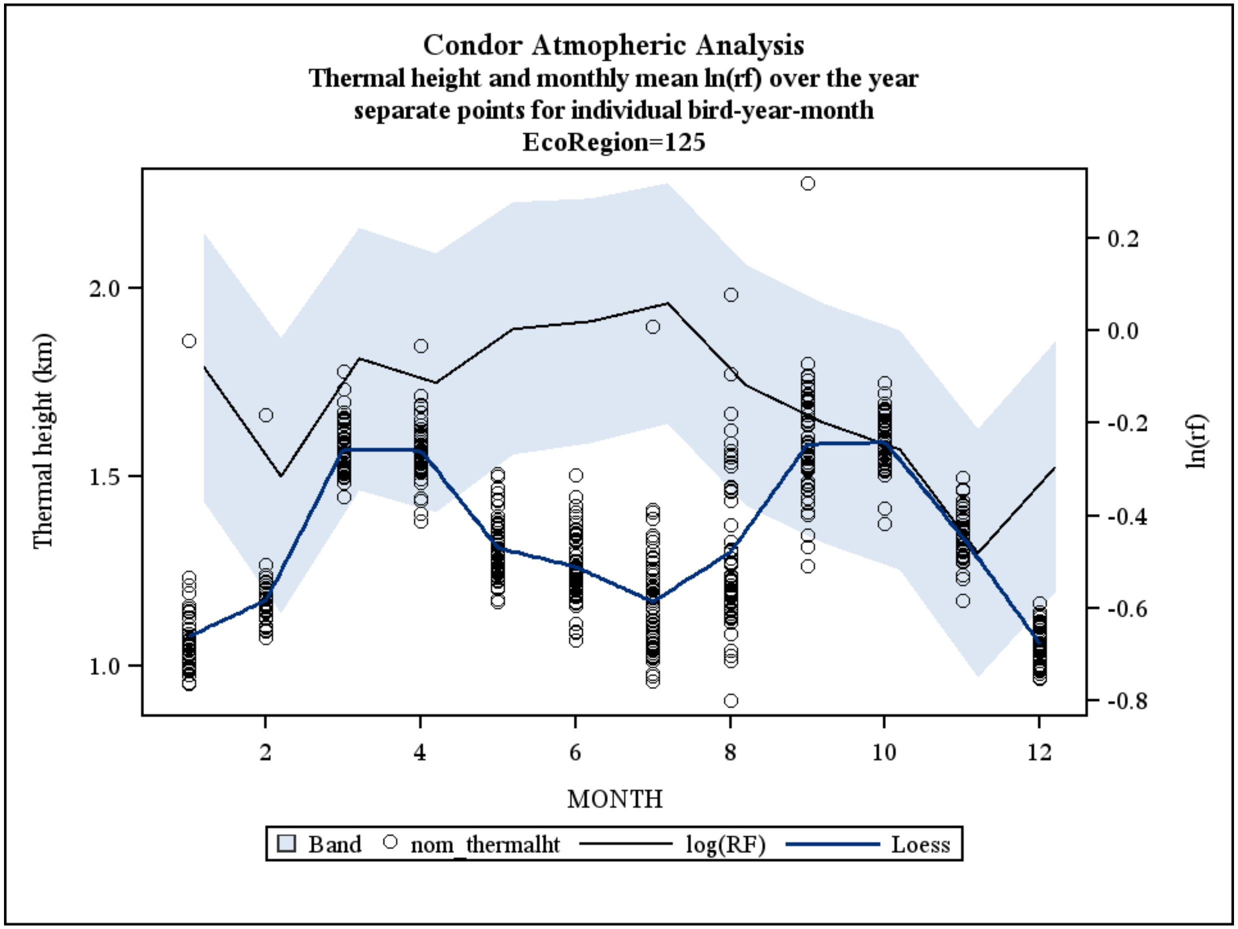
EcoRegion=123



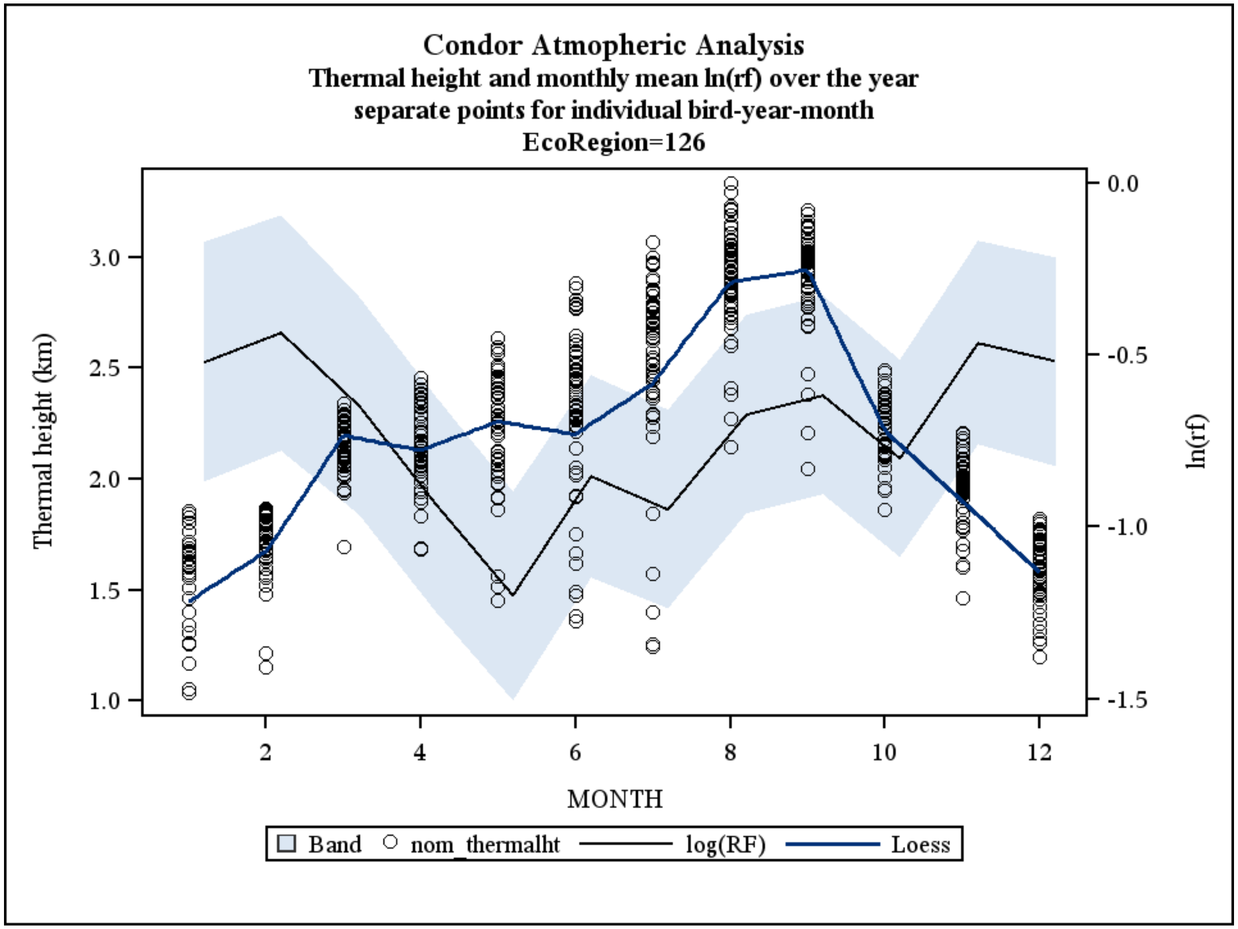
EcoRegion=124



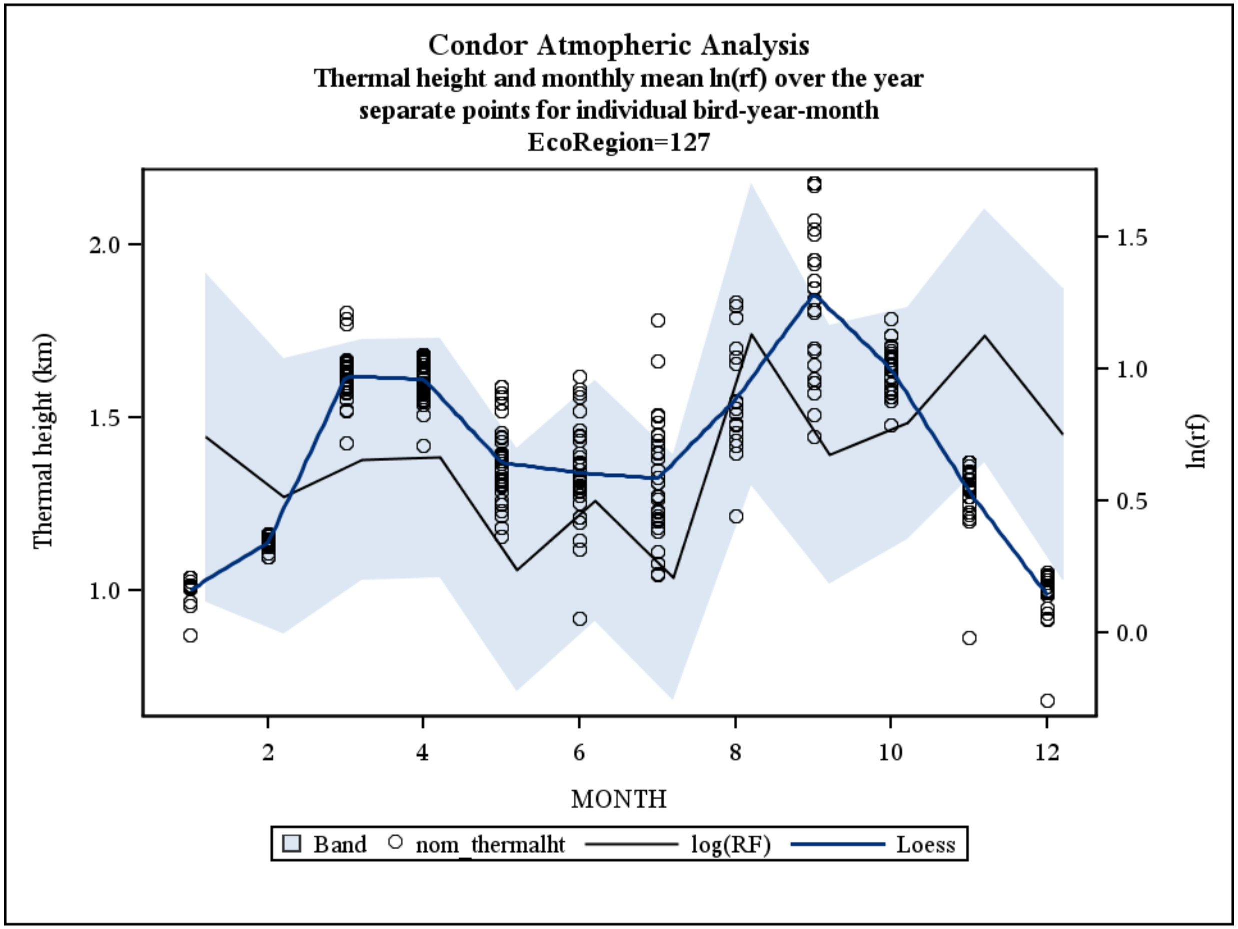
EcoRegion=125



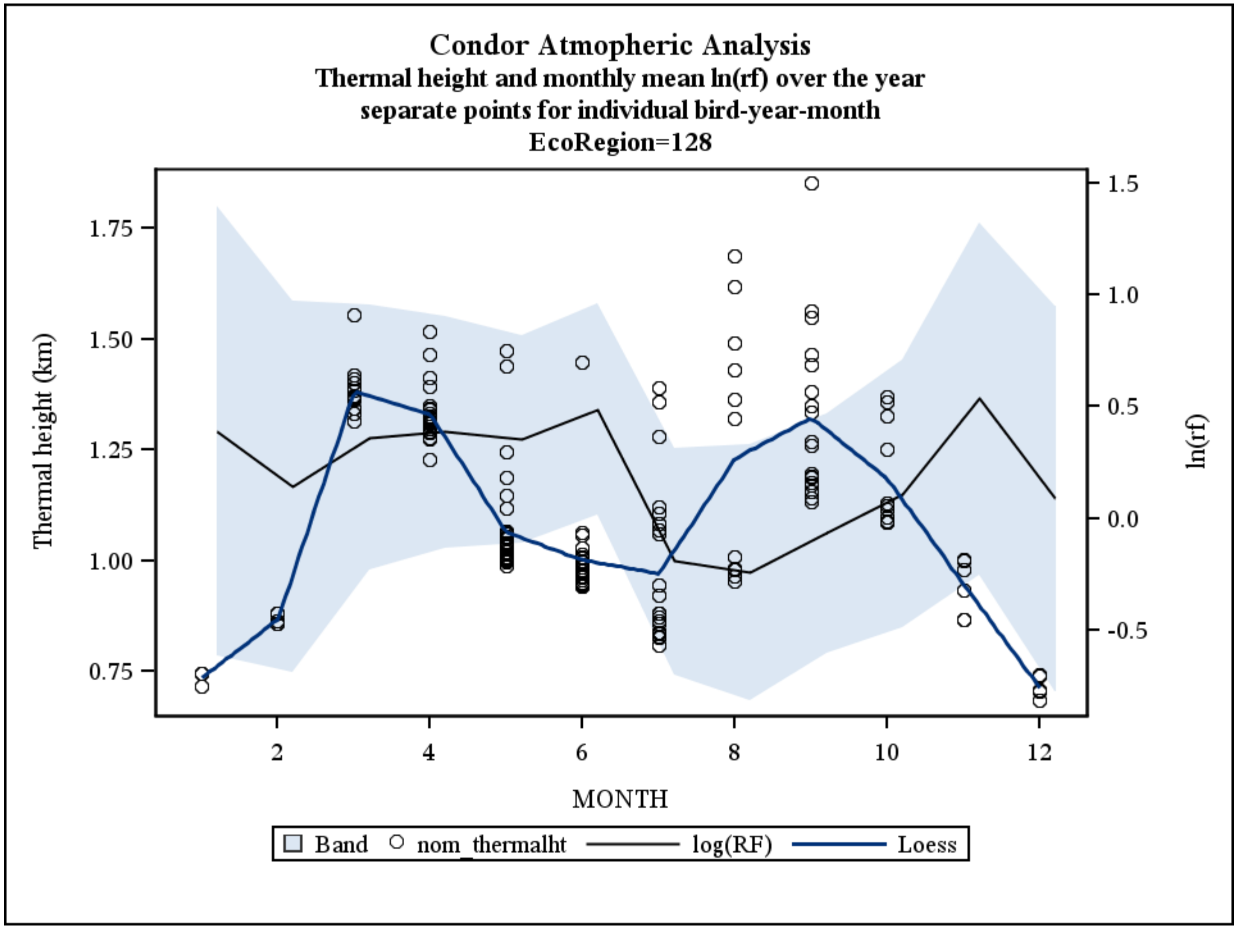
EcoRegion=126



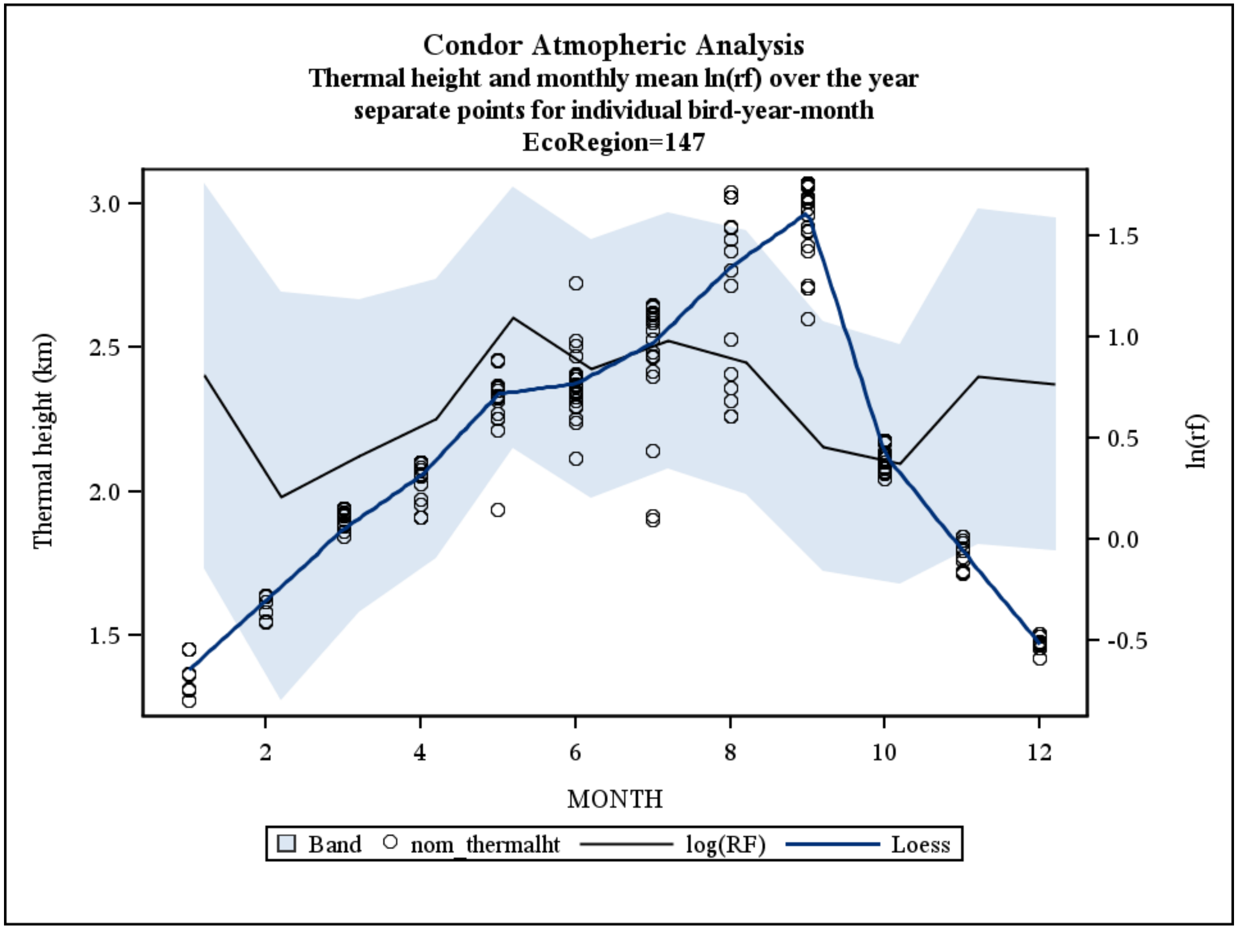
EcoRegion=127



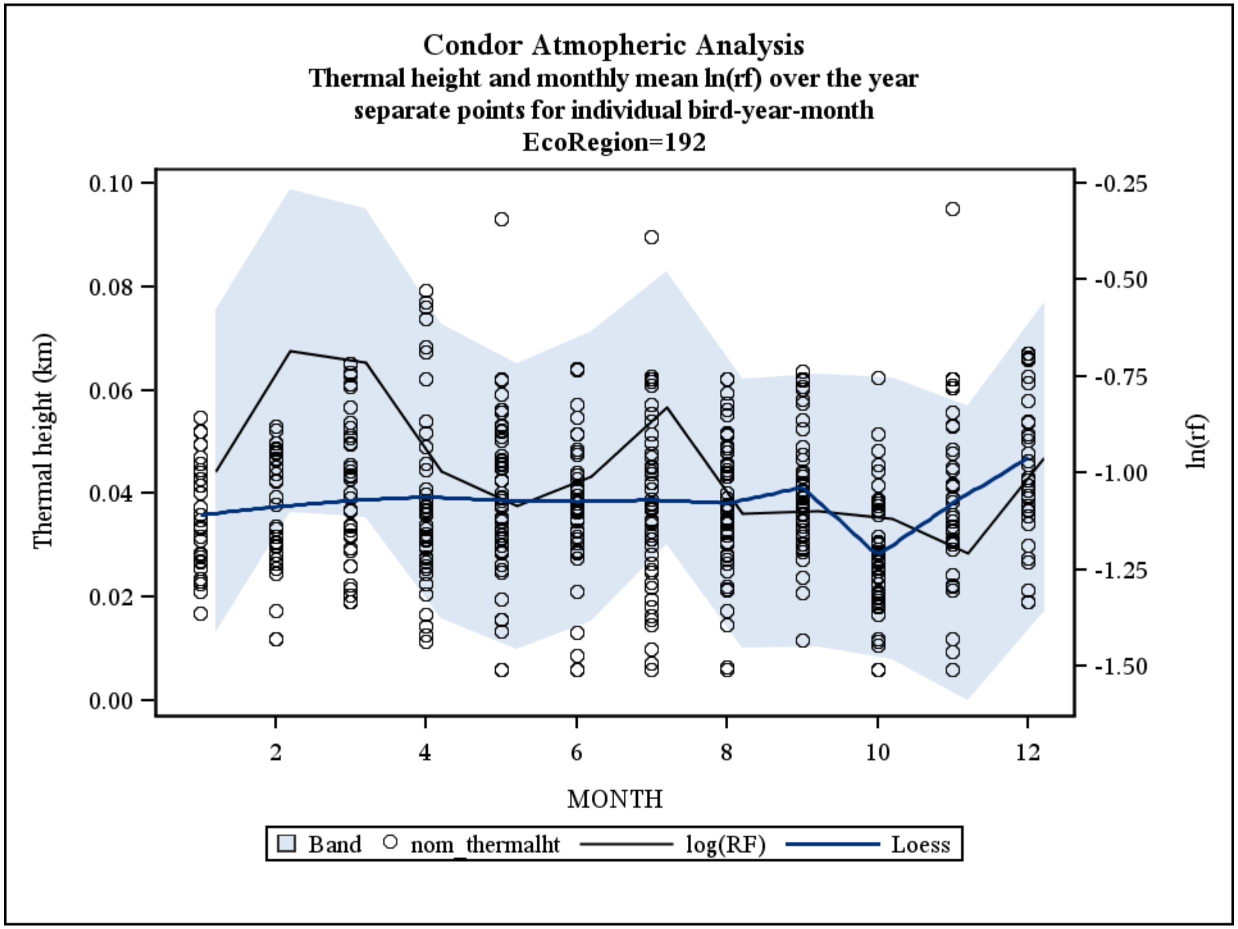
EcoRegion=128



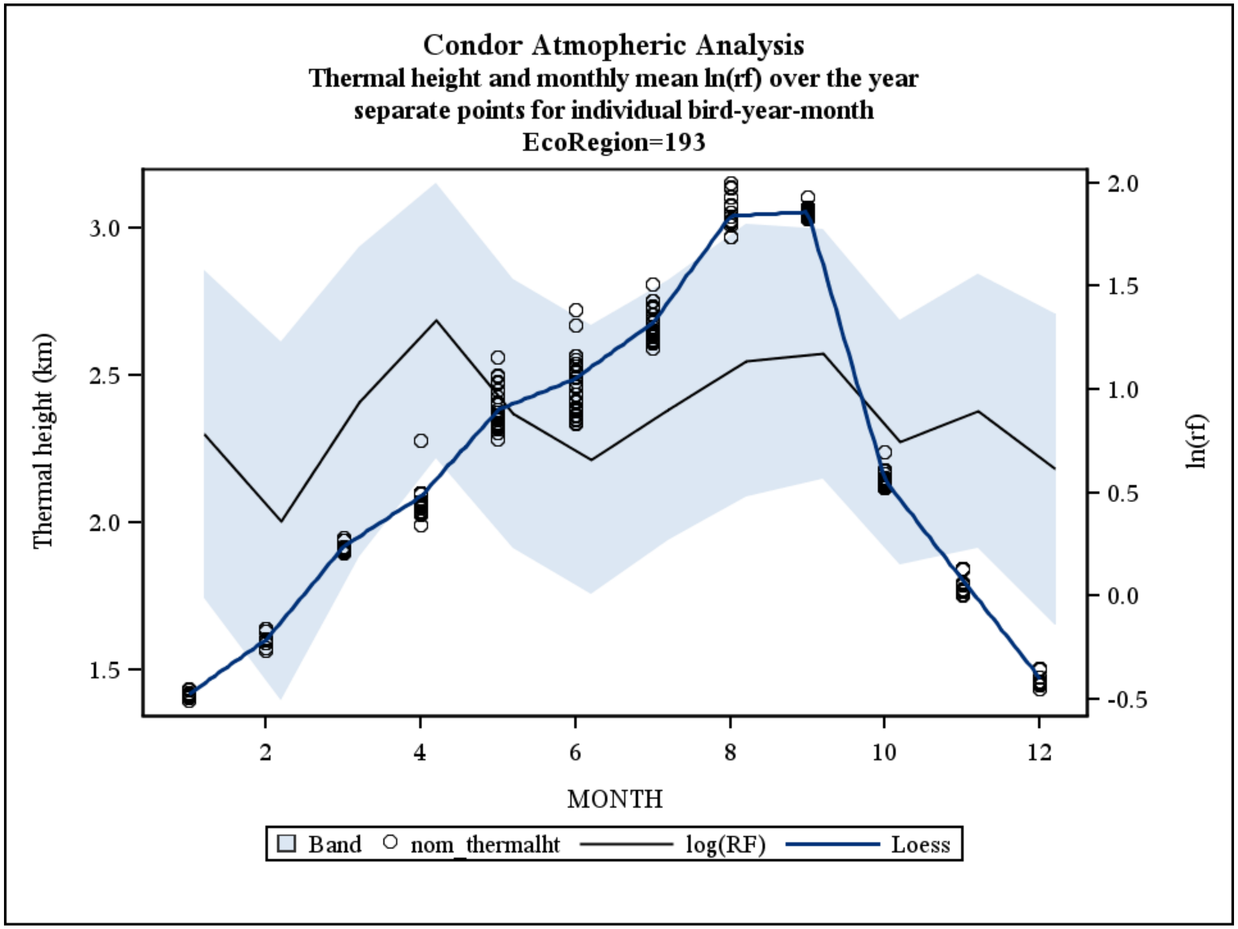
EcoRegion=147



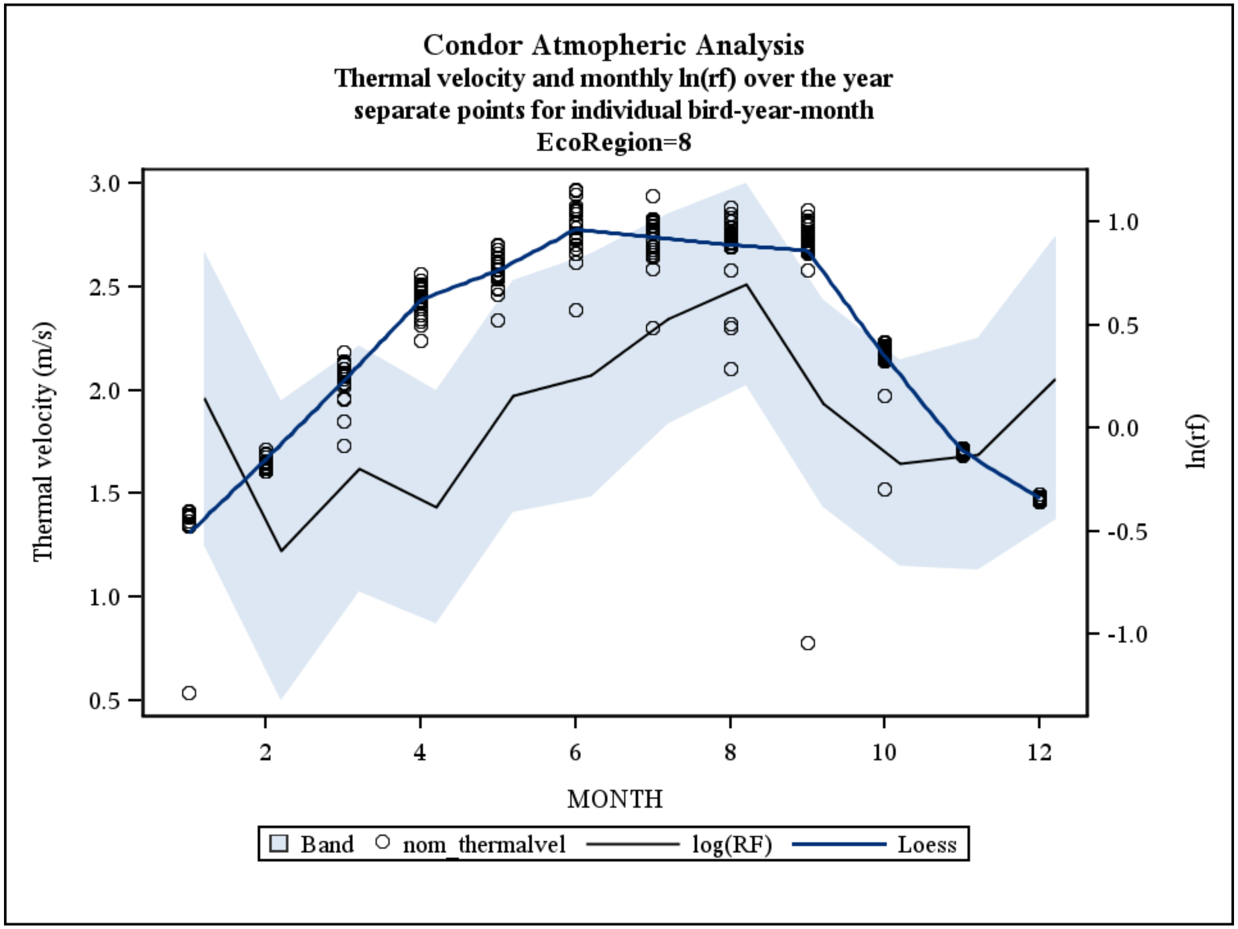
EcoRegion=192



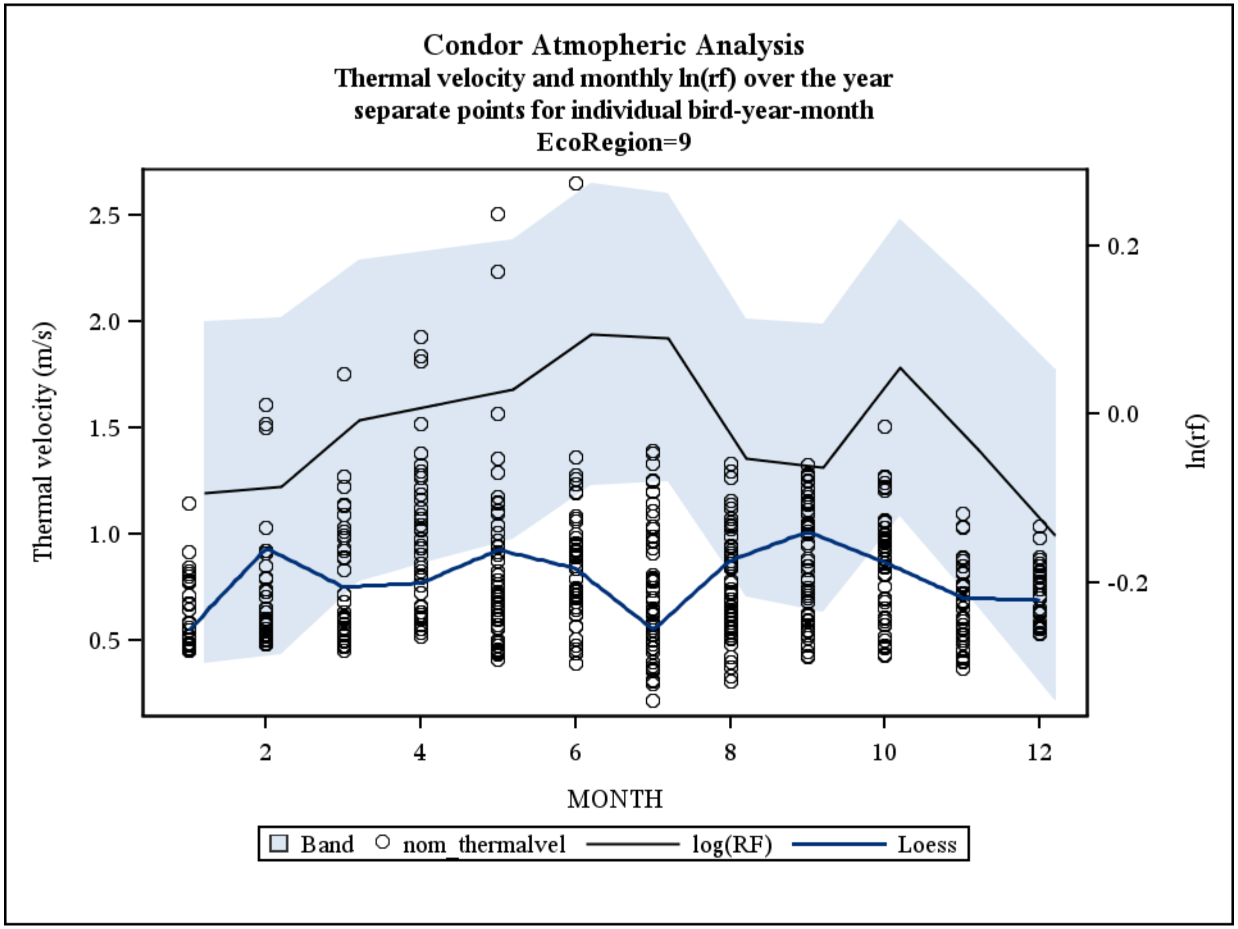
EcoRegion=193



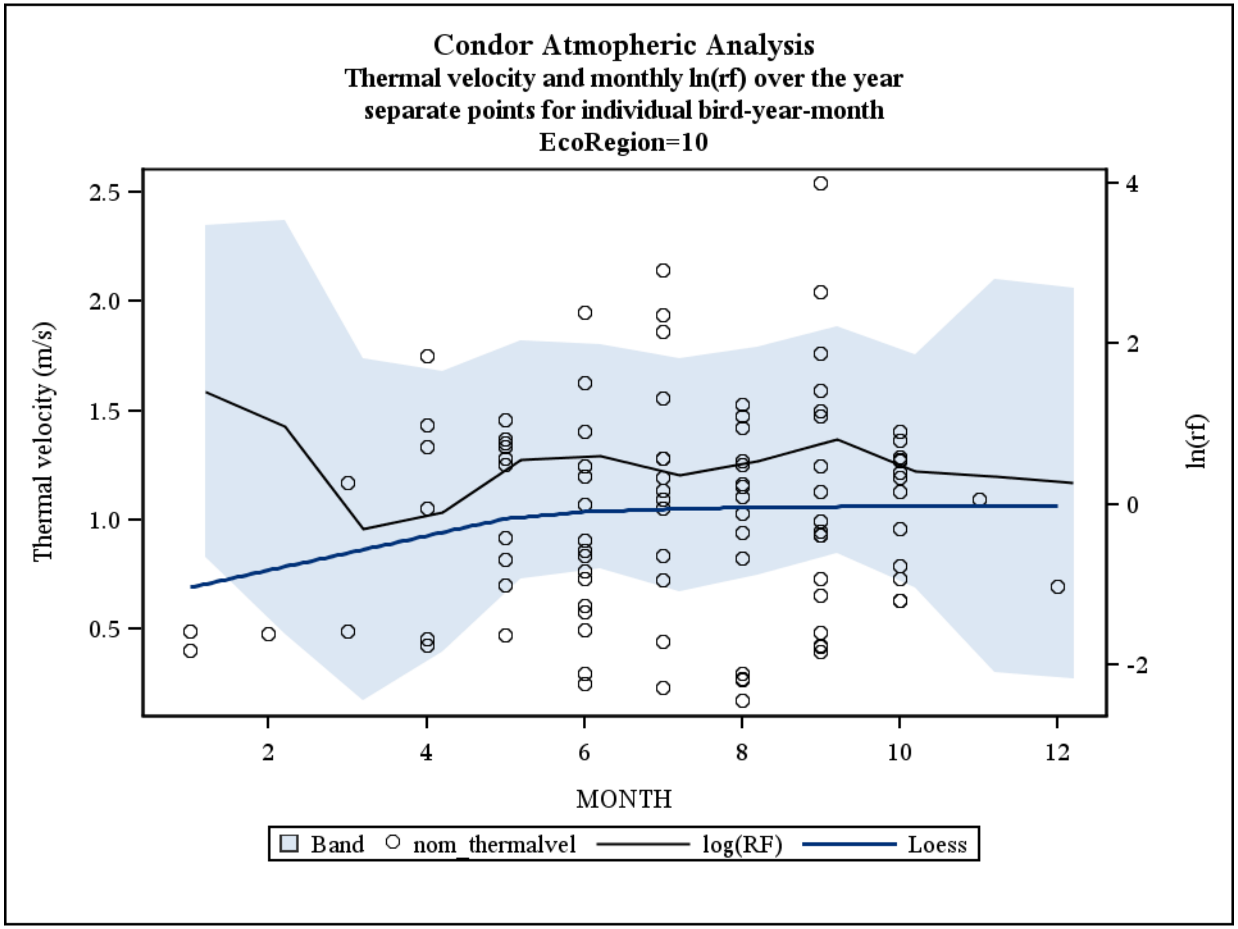
EcoRegion=8


Condor Atmopheric Analysis
Thermal velocity and monthly ln(rf) over the year
separate points for individual bird-year-month
EcoRegion=8
Thermal velocity (m/s)
3.0
2.5
2.0
1.5
1.0
0.5
ln(rf)
1.0
0.5
0.0
-0.5
-1.0
2
4
6
8
10
12
MONTH
Band
nom_thermalvel
log(RF)
Loess

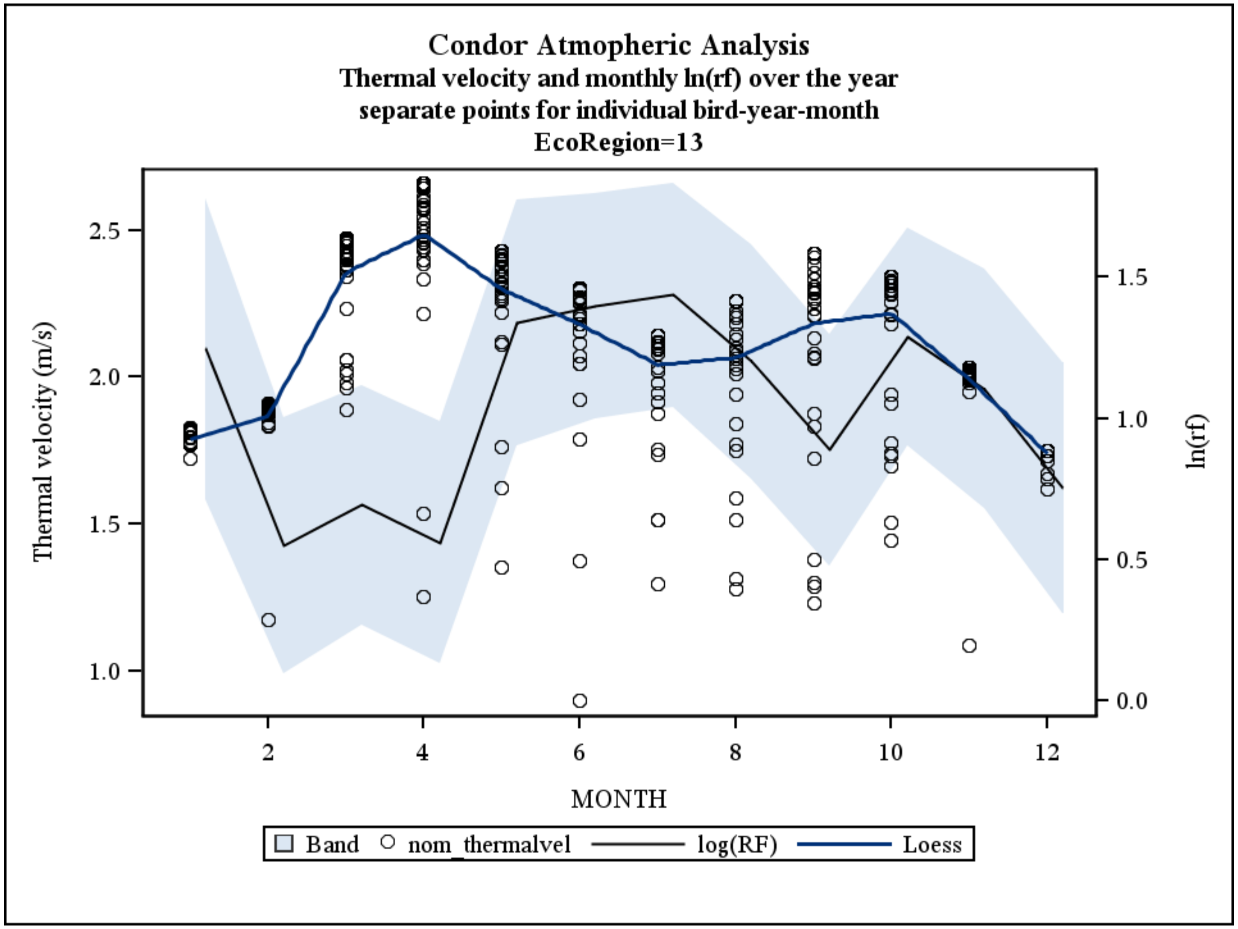
EcoRegion=9


Condor Atmopheric Analysis
Thermal velocity and monthly ln(rf) over the year
separate points for individual bird-year-month
EcoRegion=9
Thermal velocity (m/s)
2.5
2.0
1.5
1.0
0.5
ln(rf)
0.2
0.0
-0.2
2
4
6
8
10
12
MONTH
Band
nom_thermalvel
log(RF)
Loess

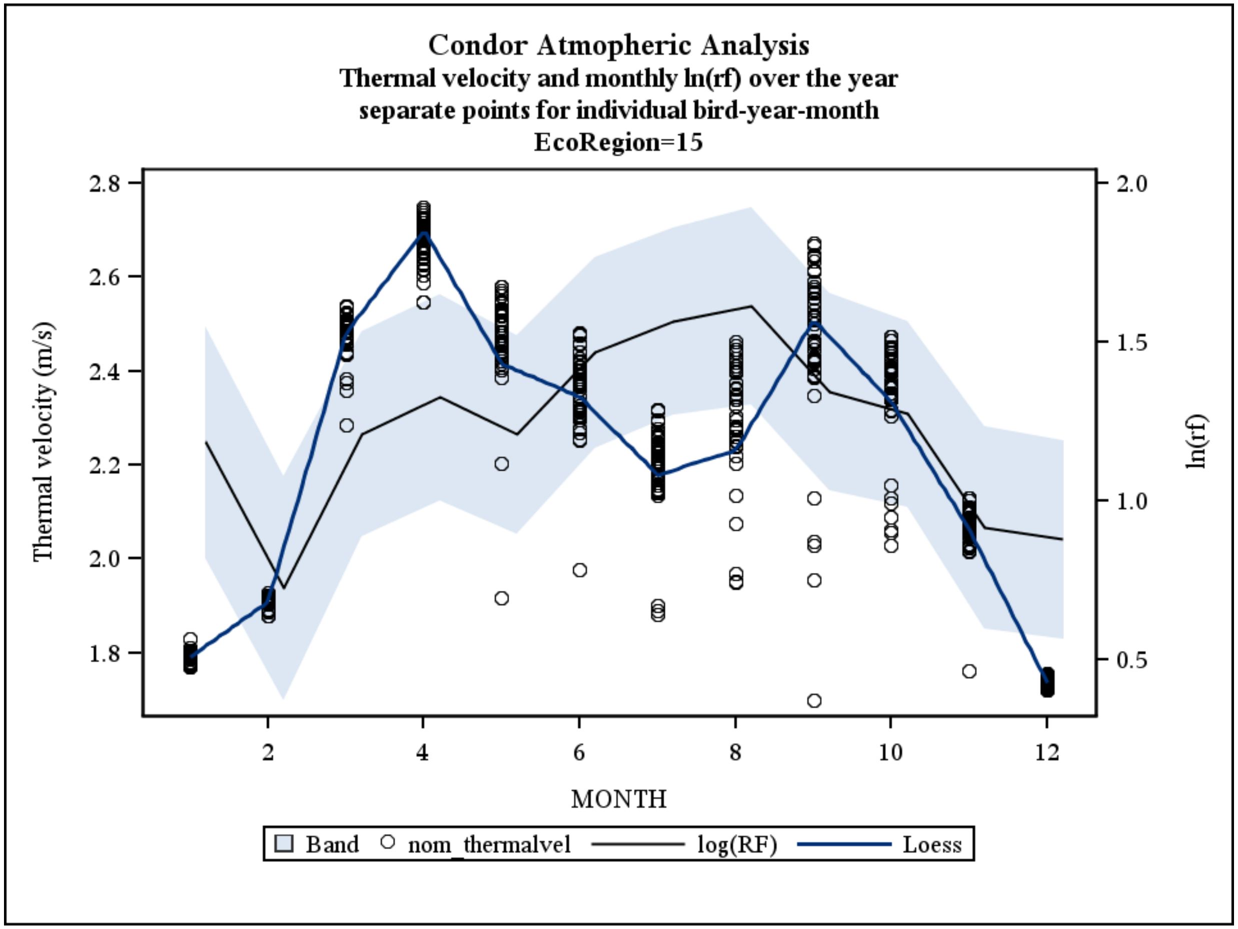
EcoRegion=10



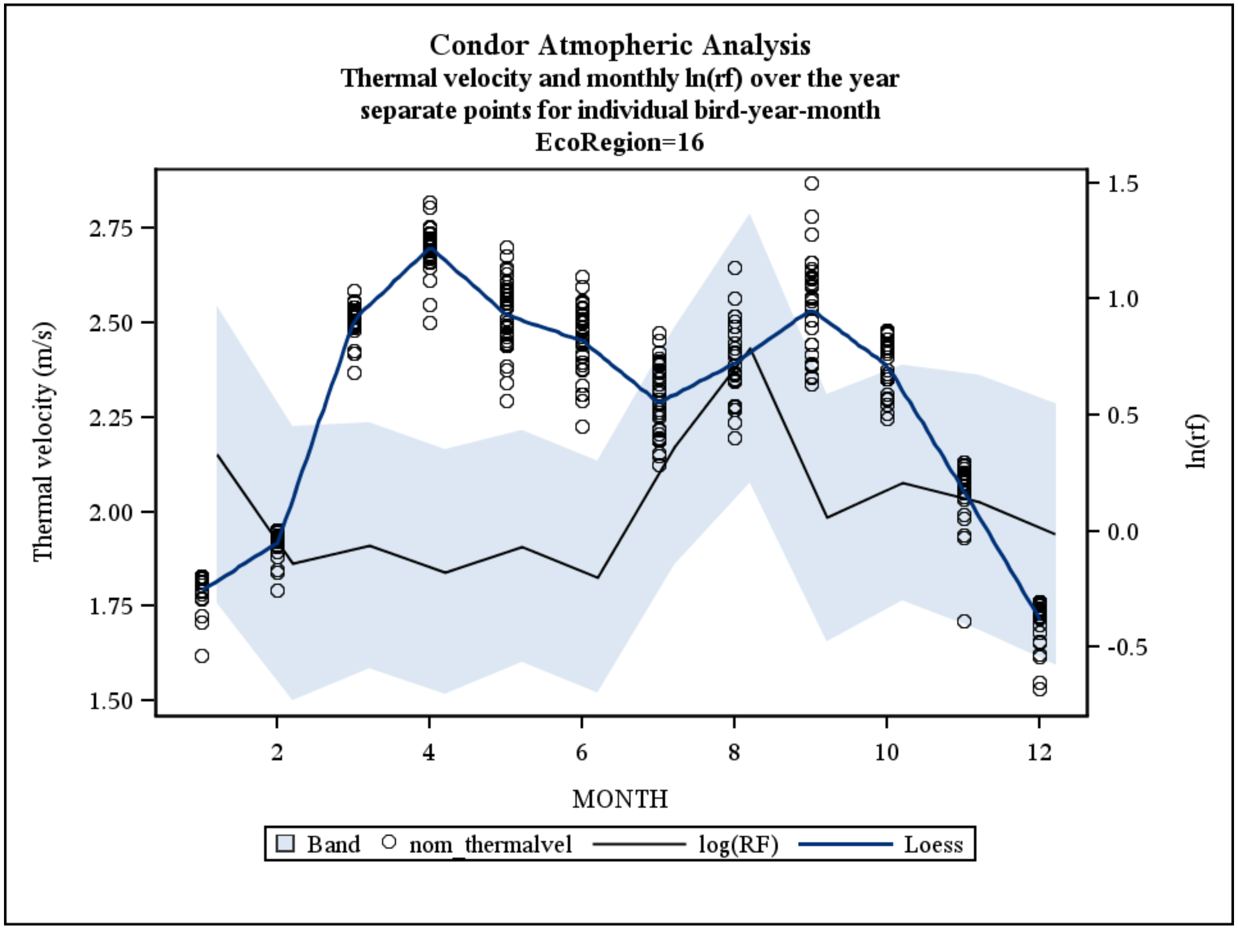
EcoRegion=13



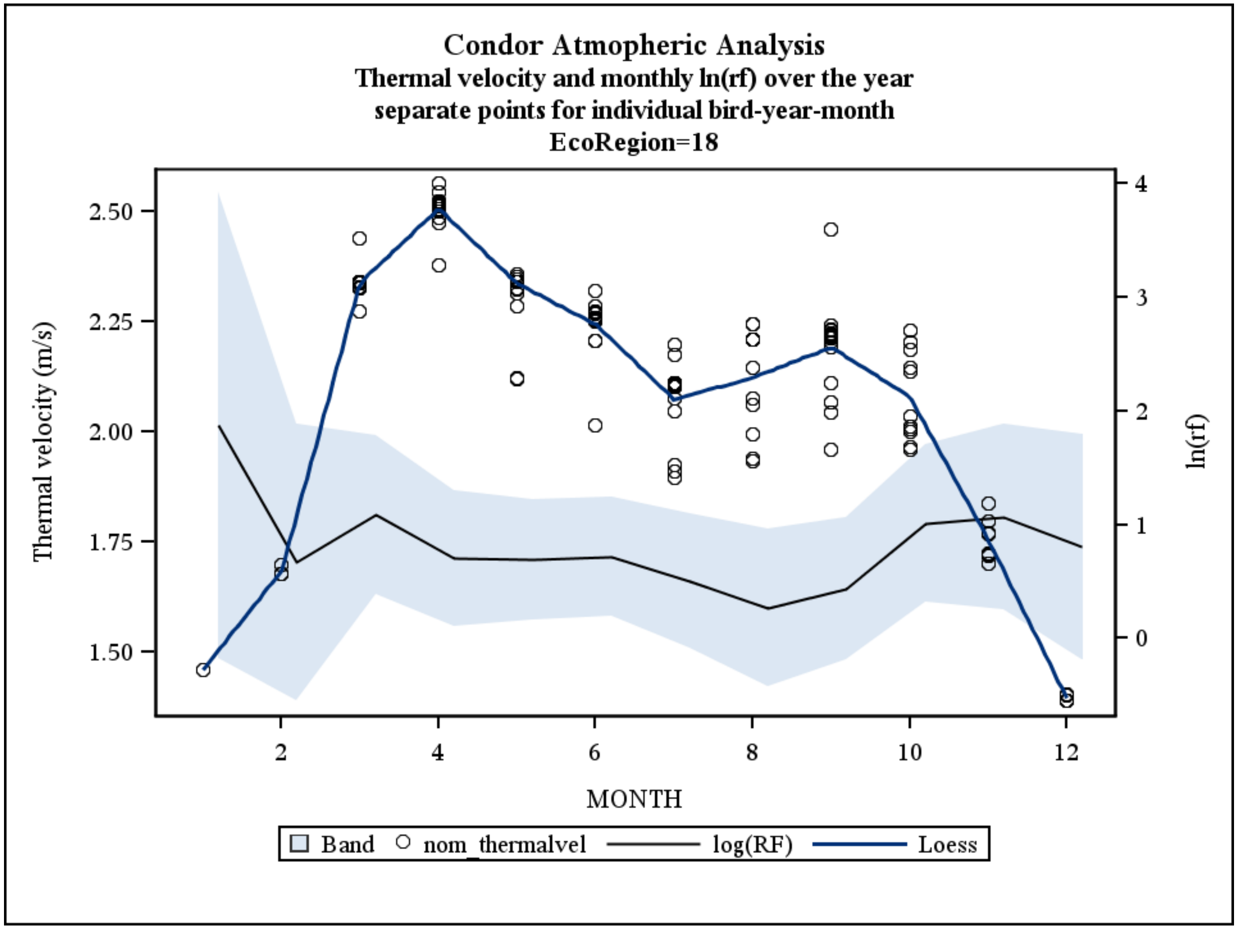
EcoRegion=15



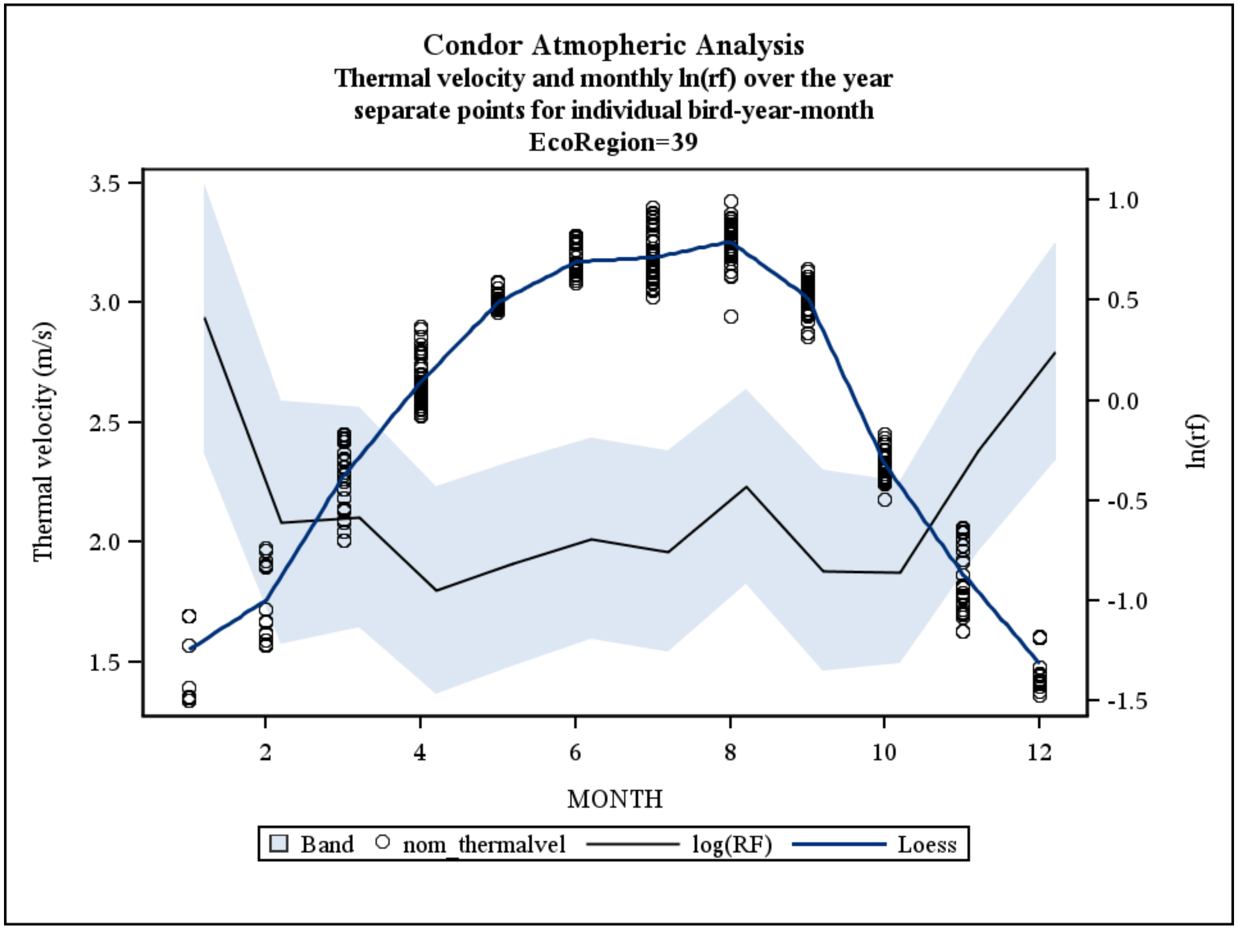
EcoRegion=16



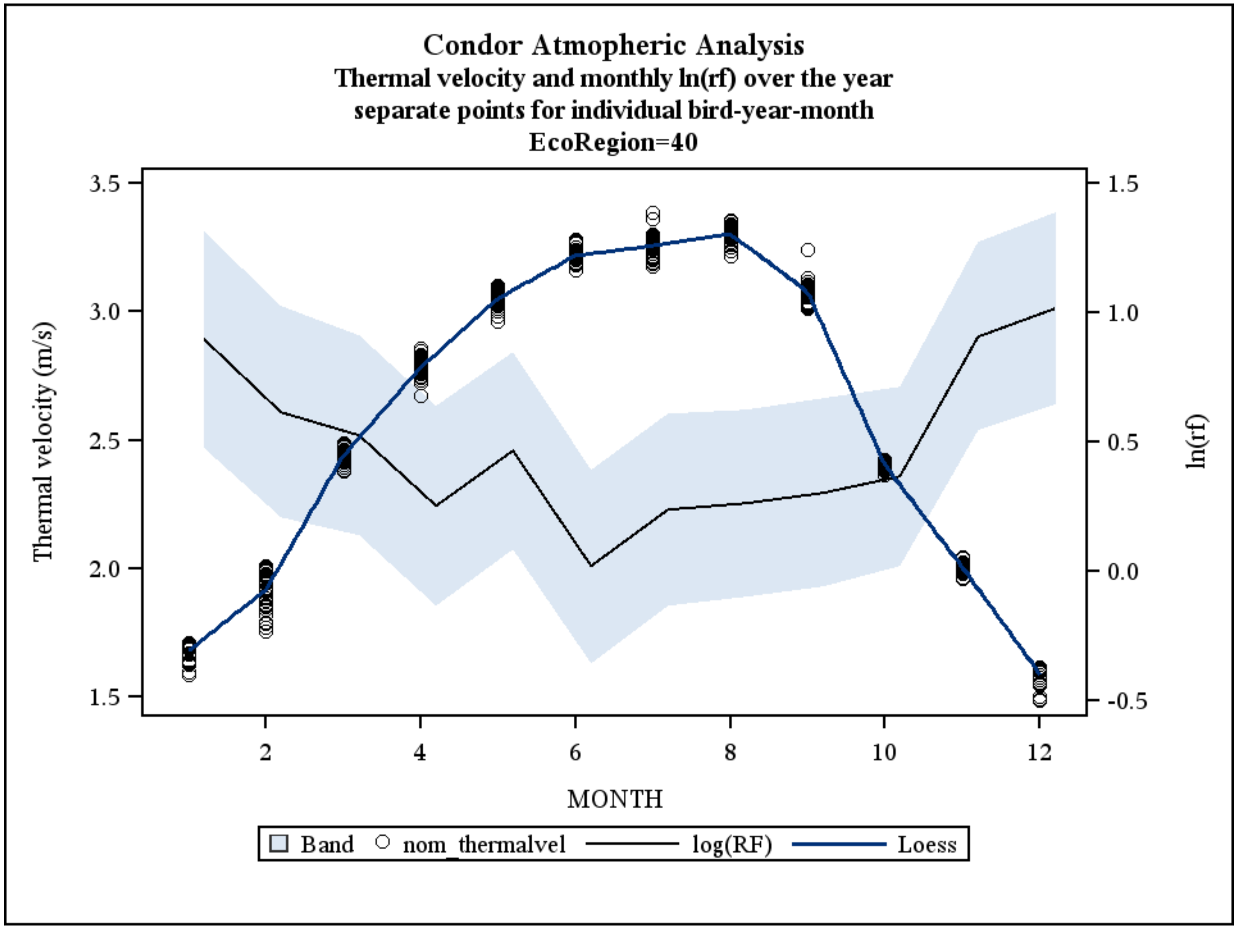
EcoRegion=18



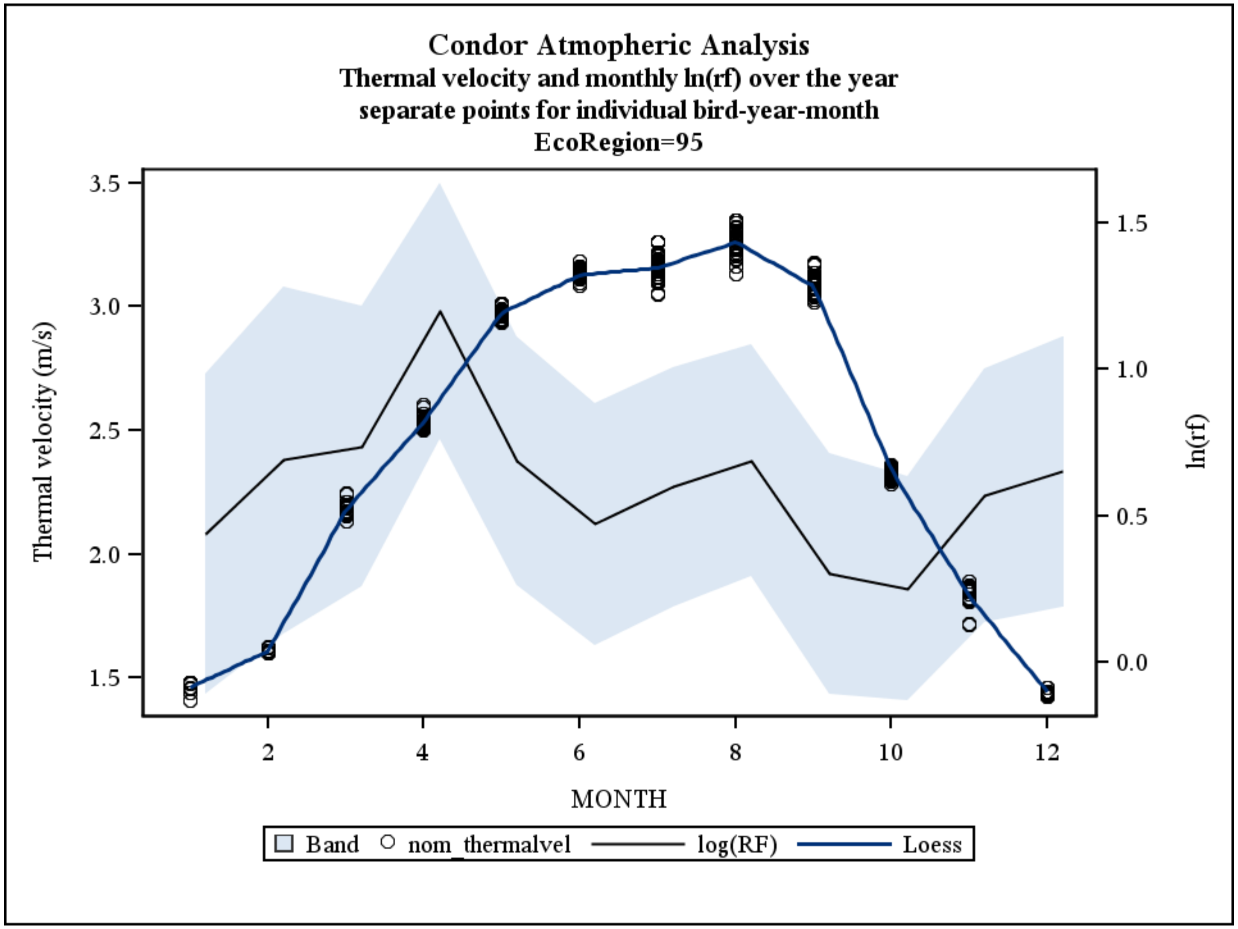
EcoRegion=39



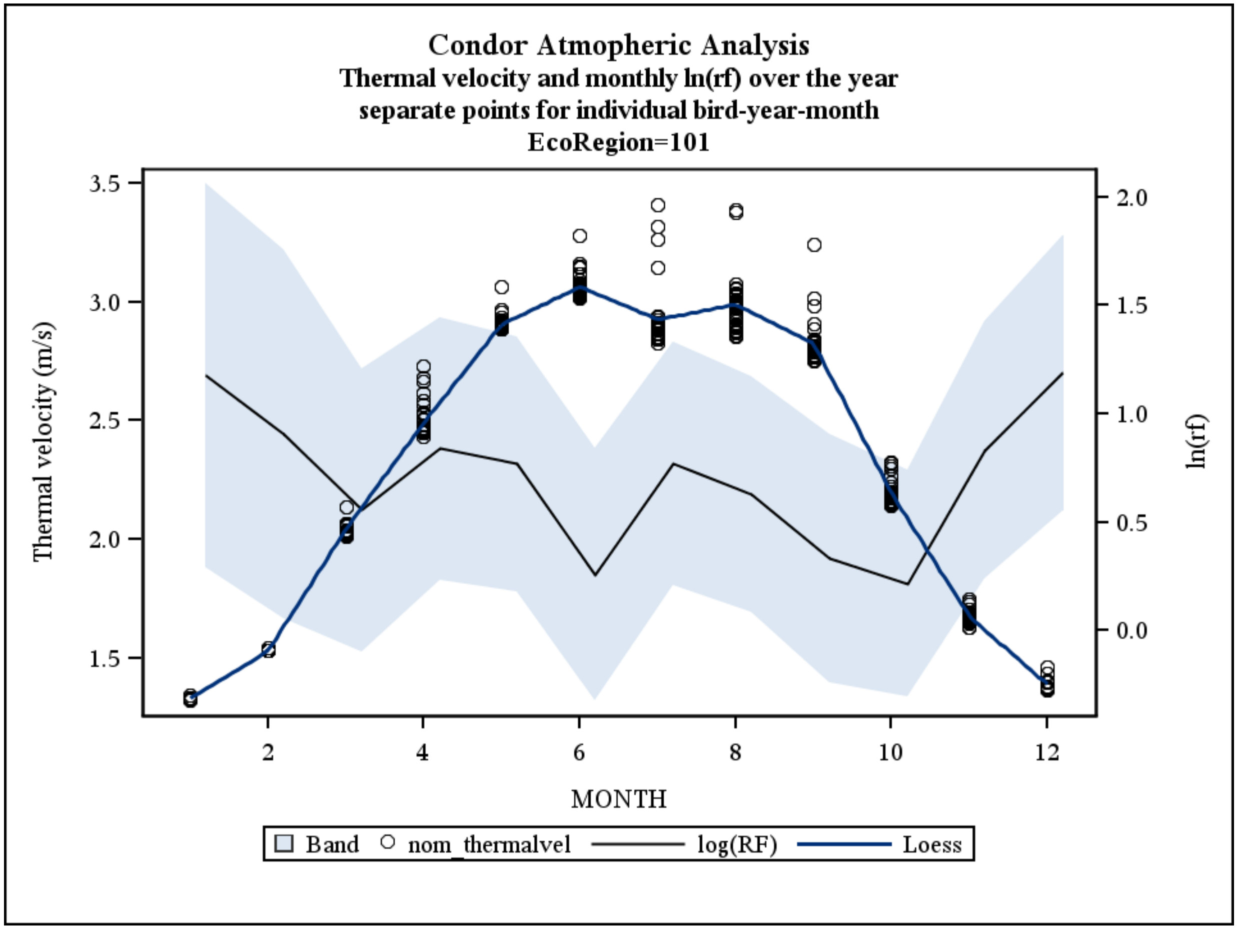
EcoRegion=40



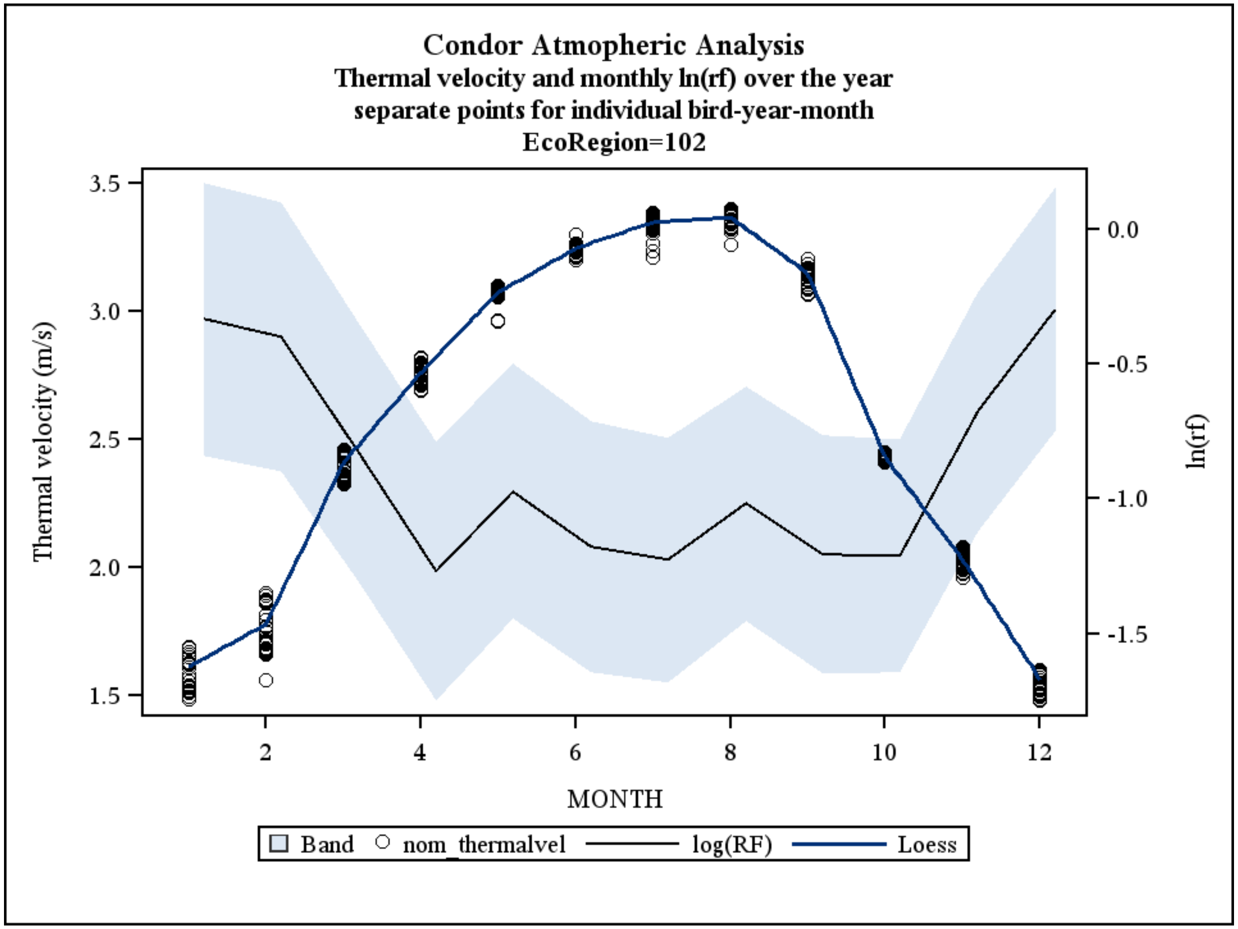
EcoRegion=95



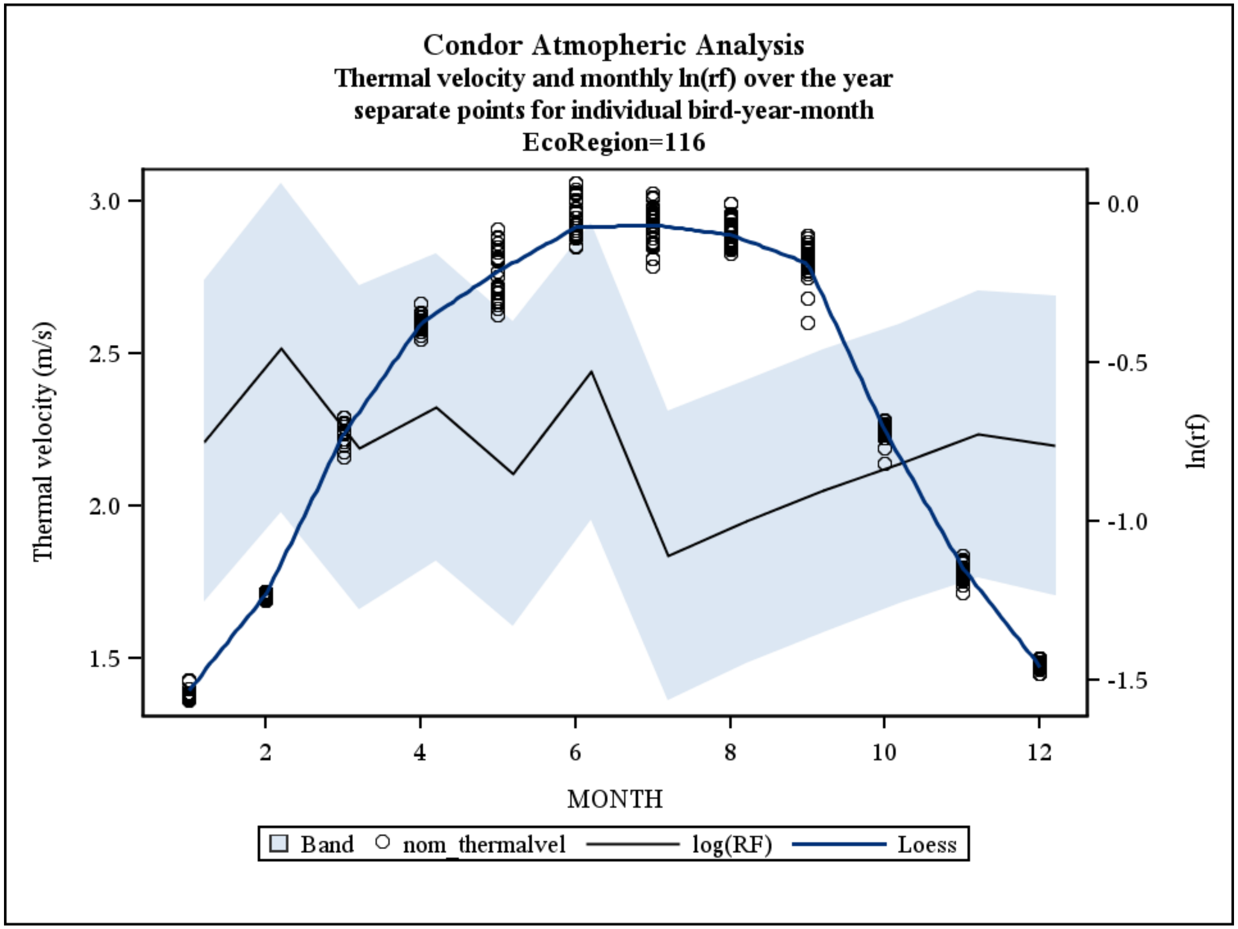
EcoRegion=101



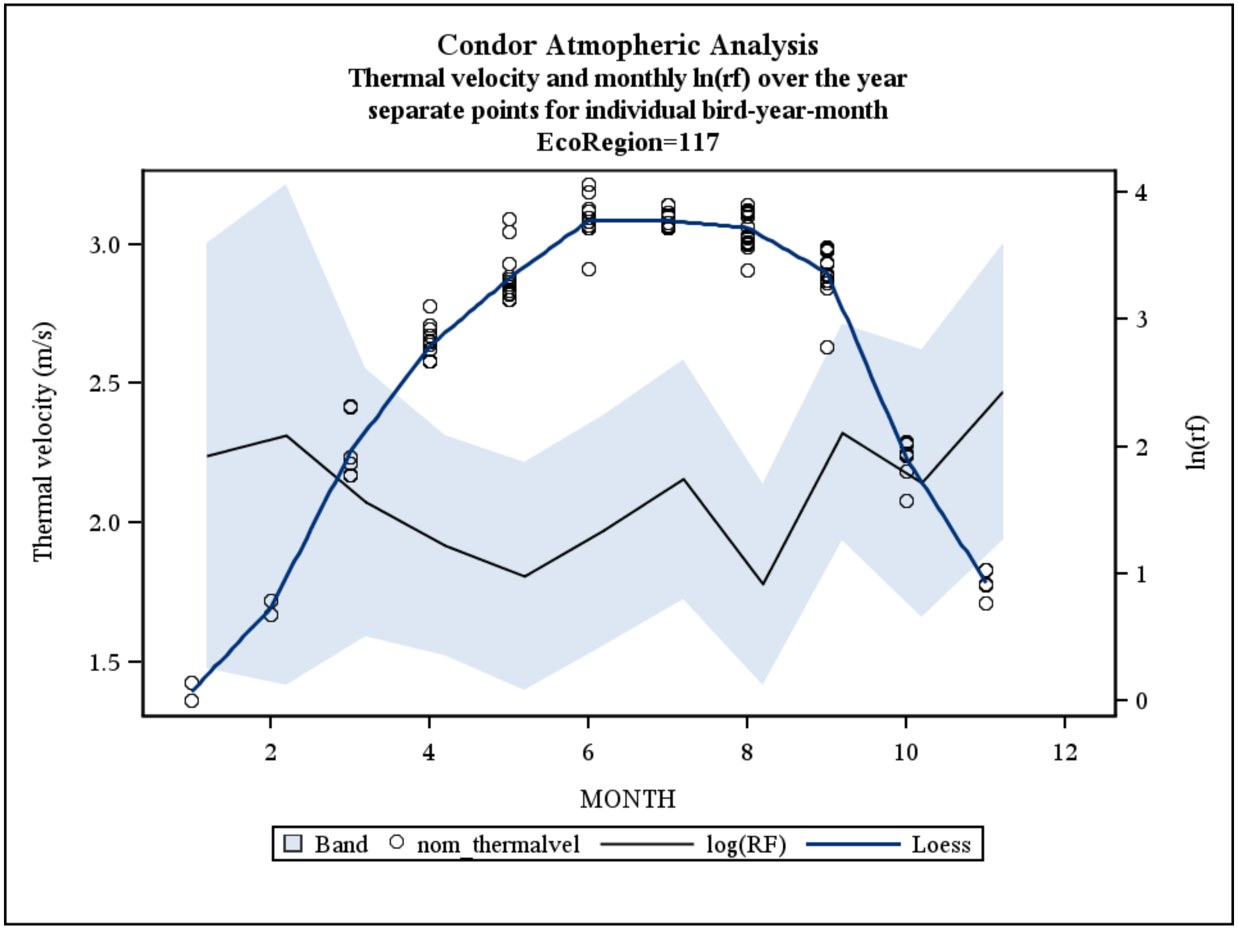
EcoRegion=102



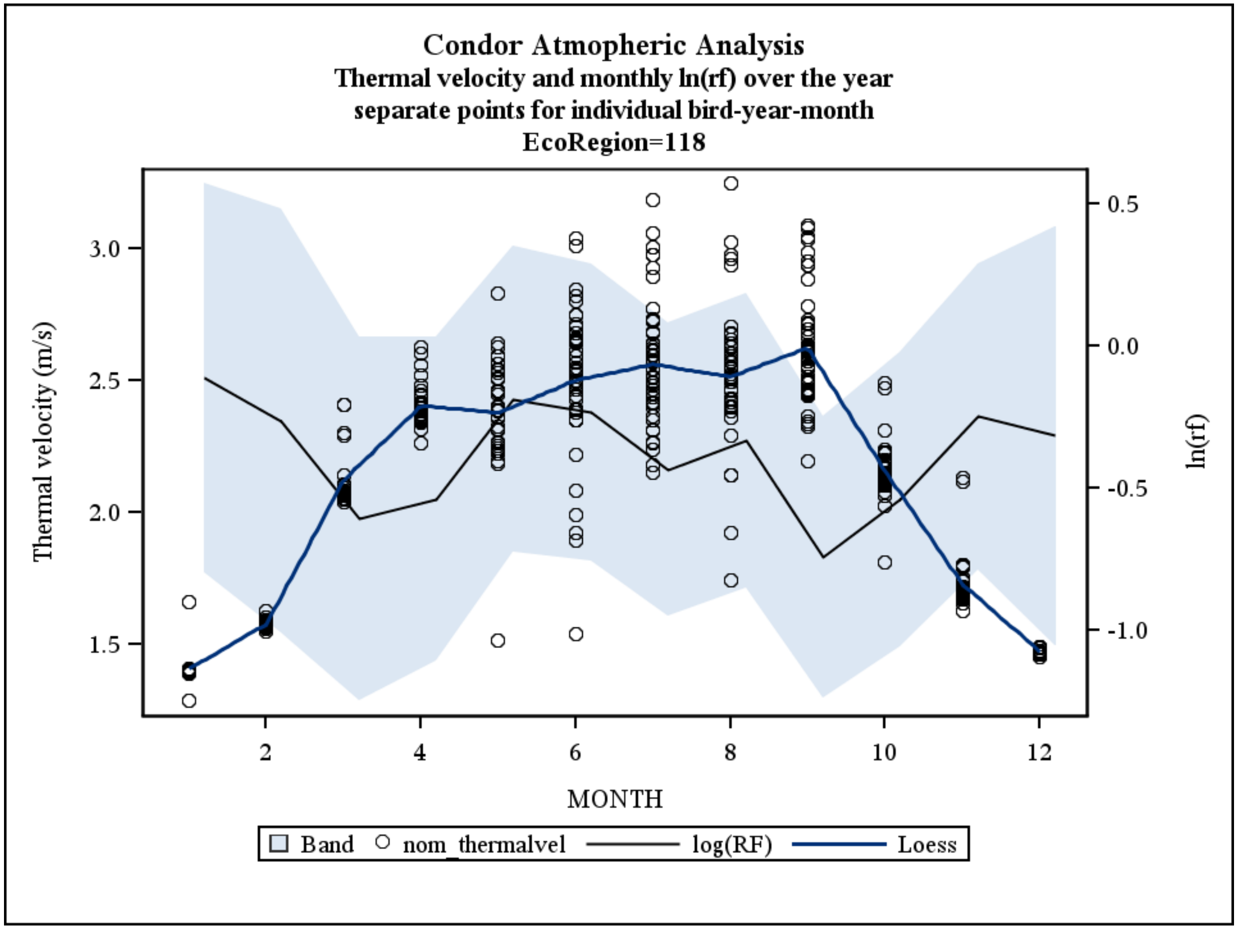
EcoRegion=116



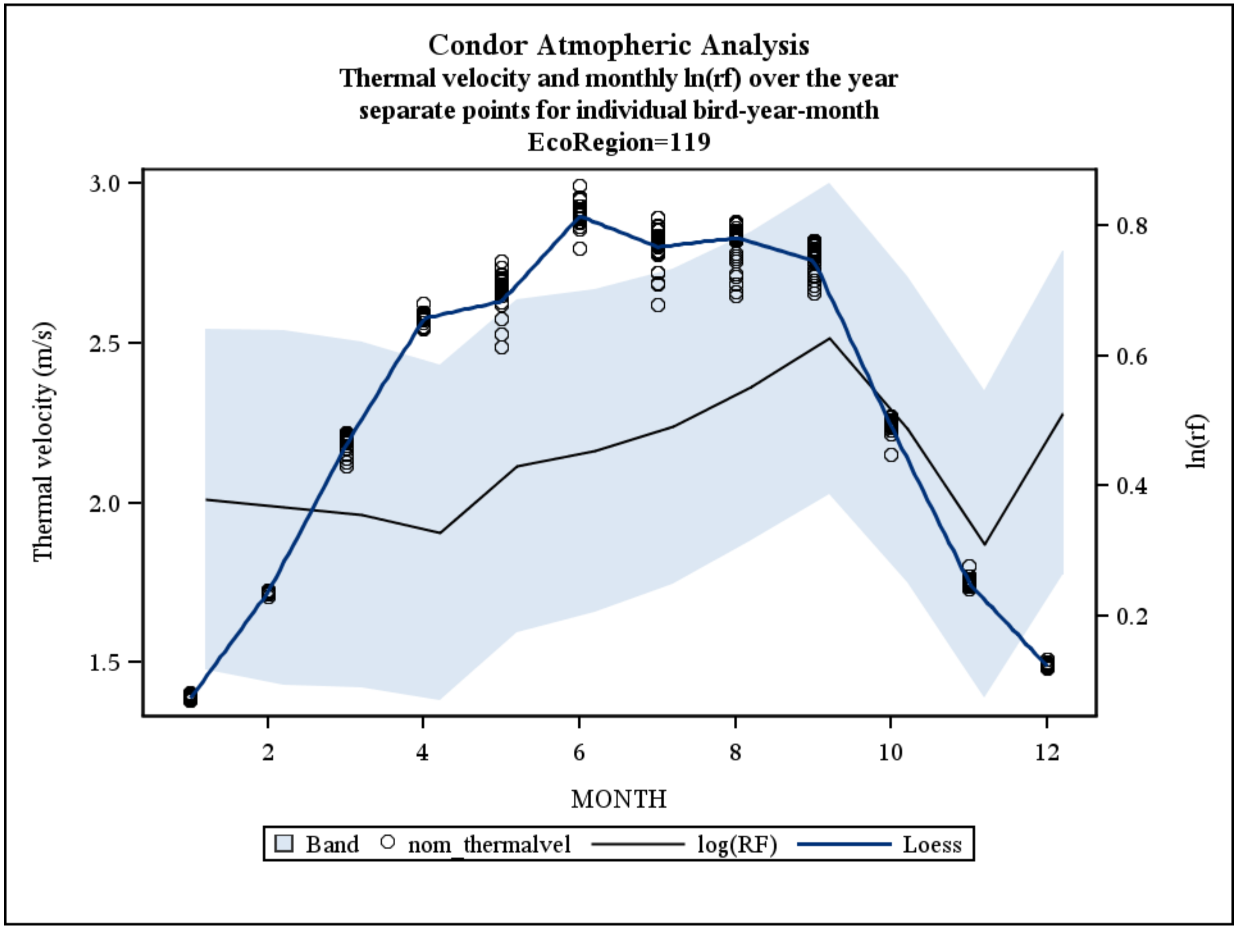
EcoRegion=117



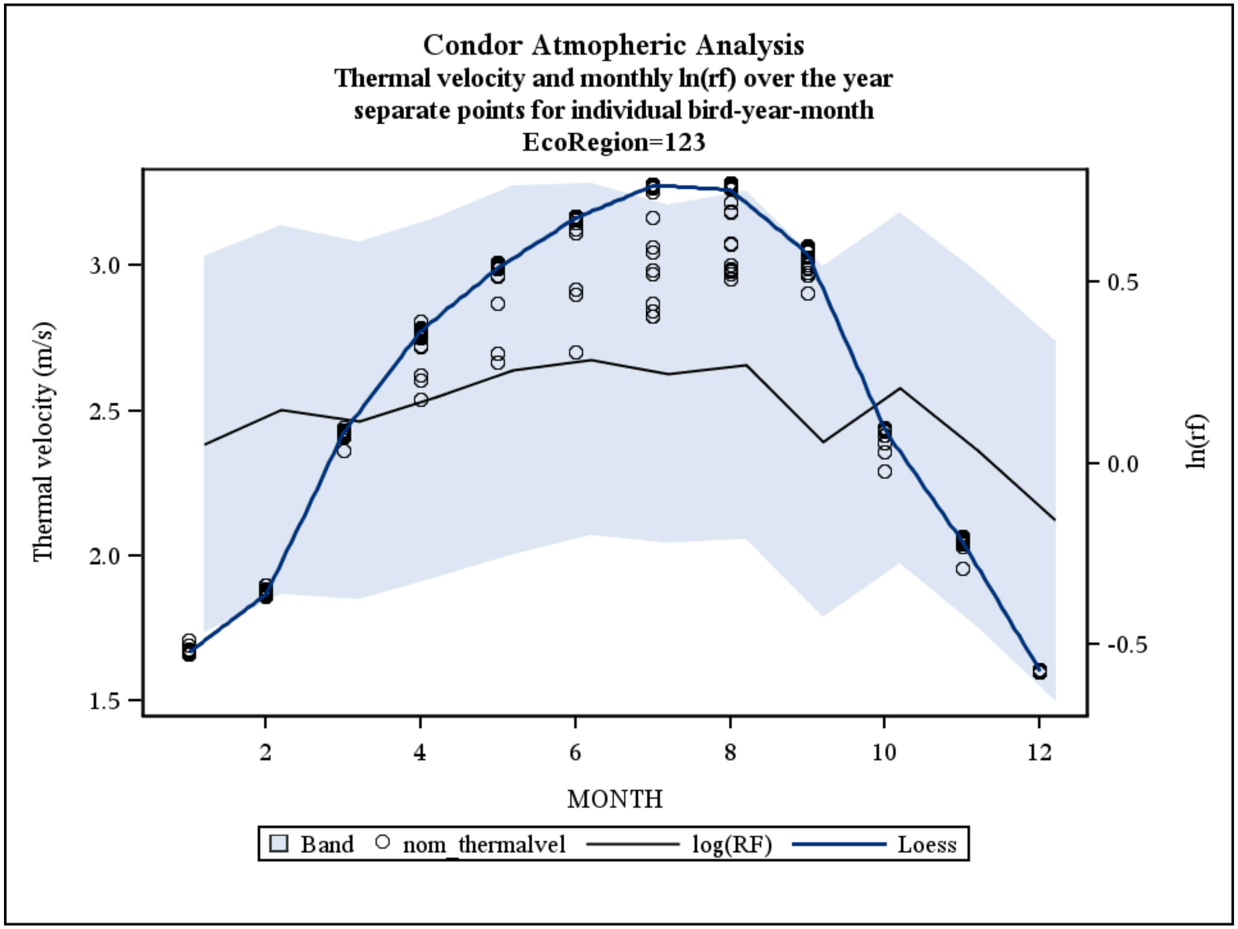
EcoRegion=118



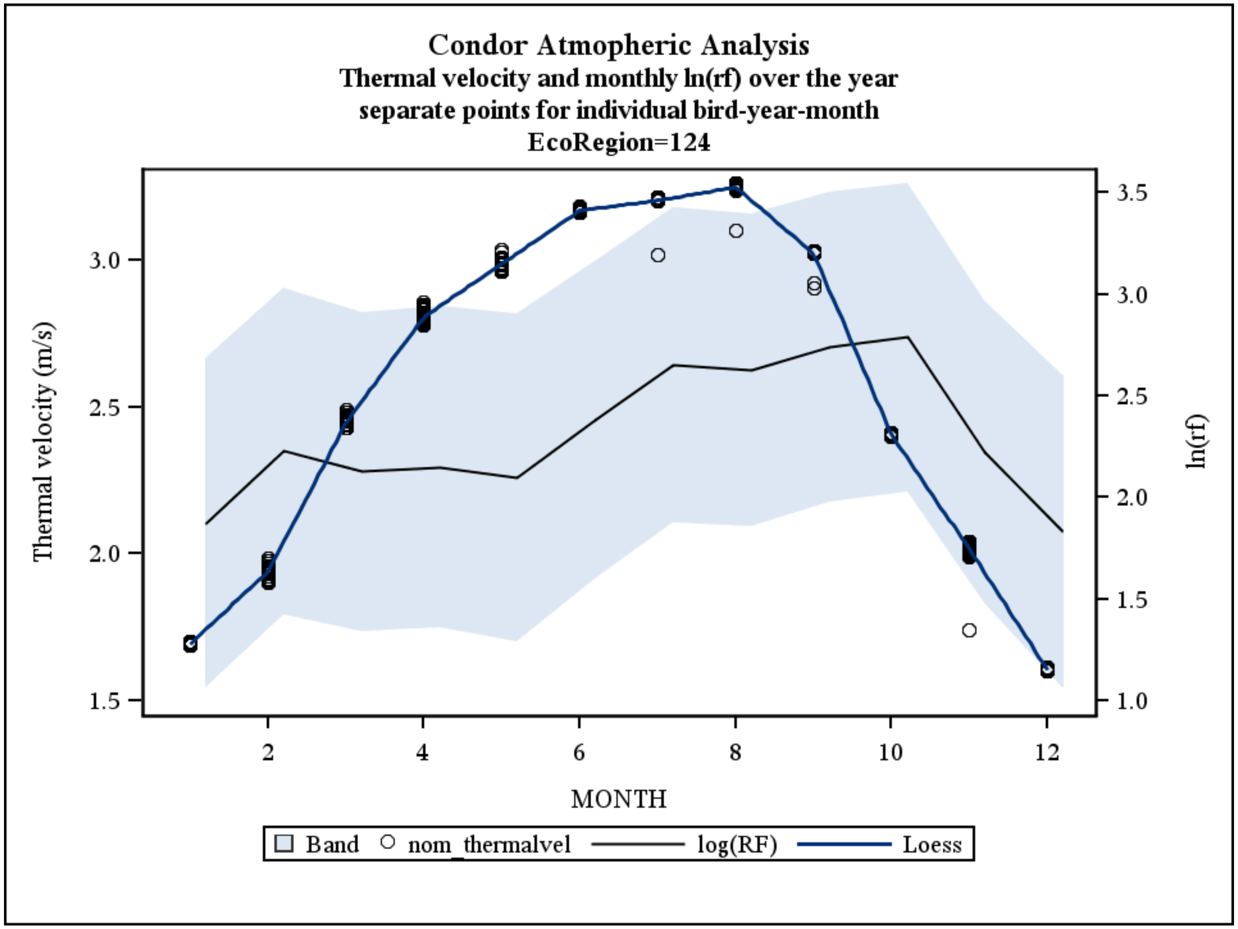
EcoRegion=119



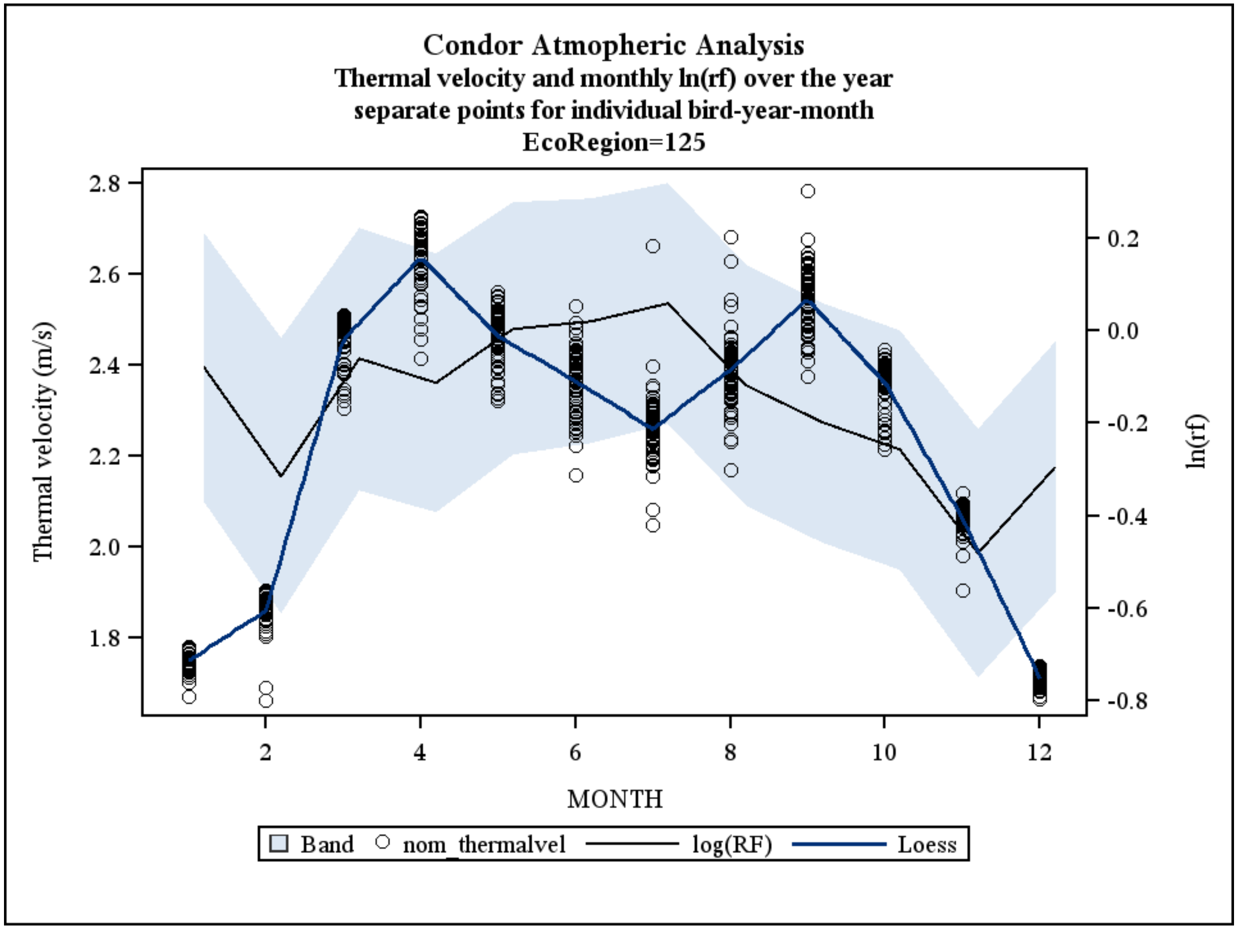
EcoRegion=123



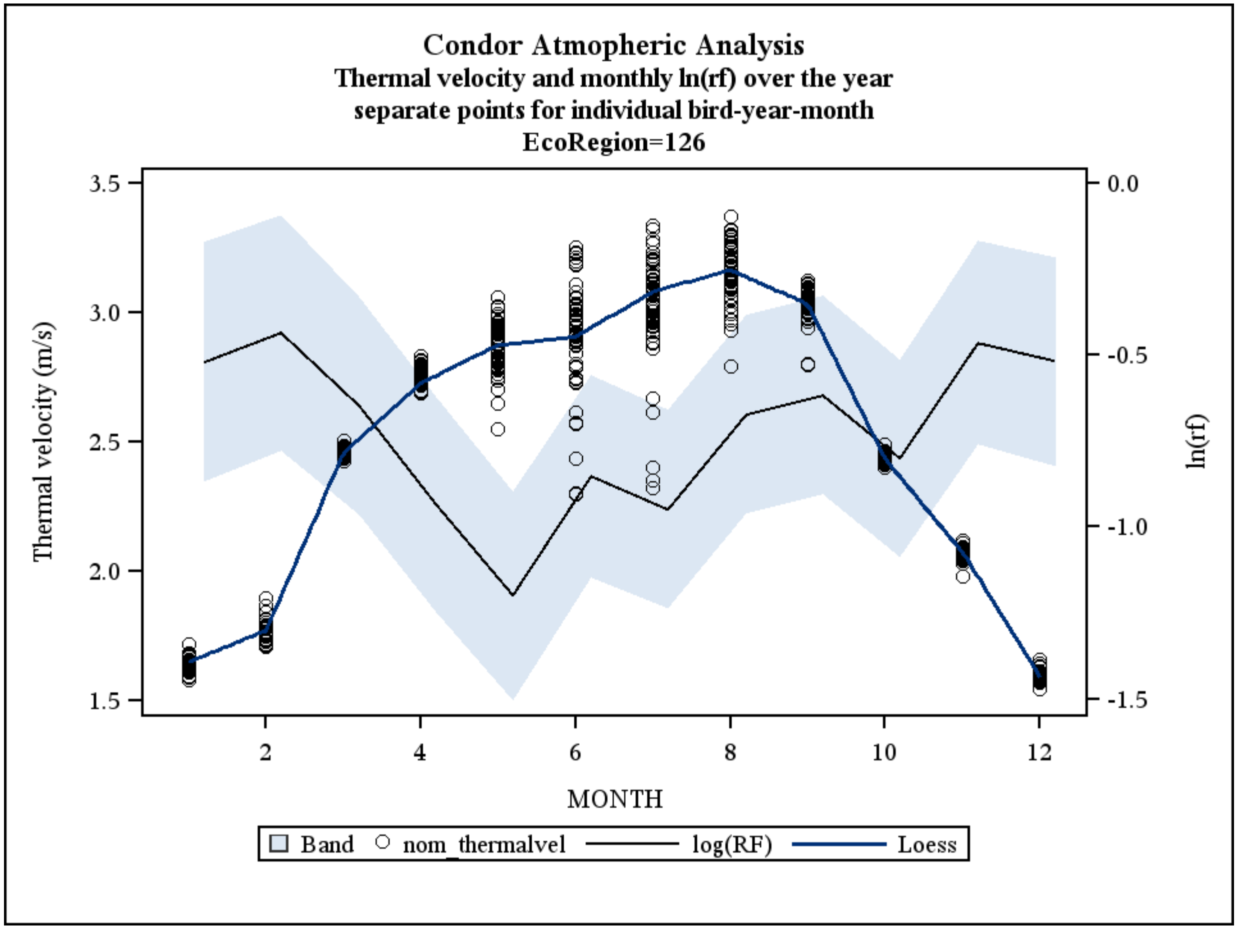
EcoRegion=124



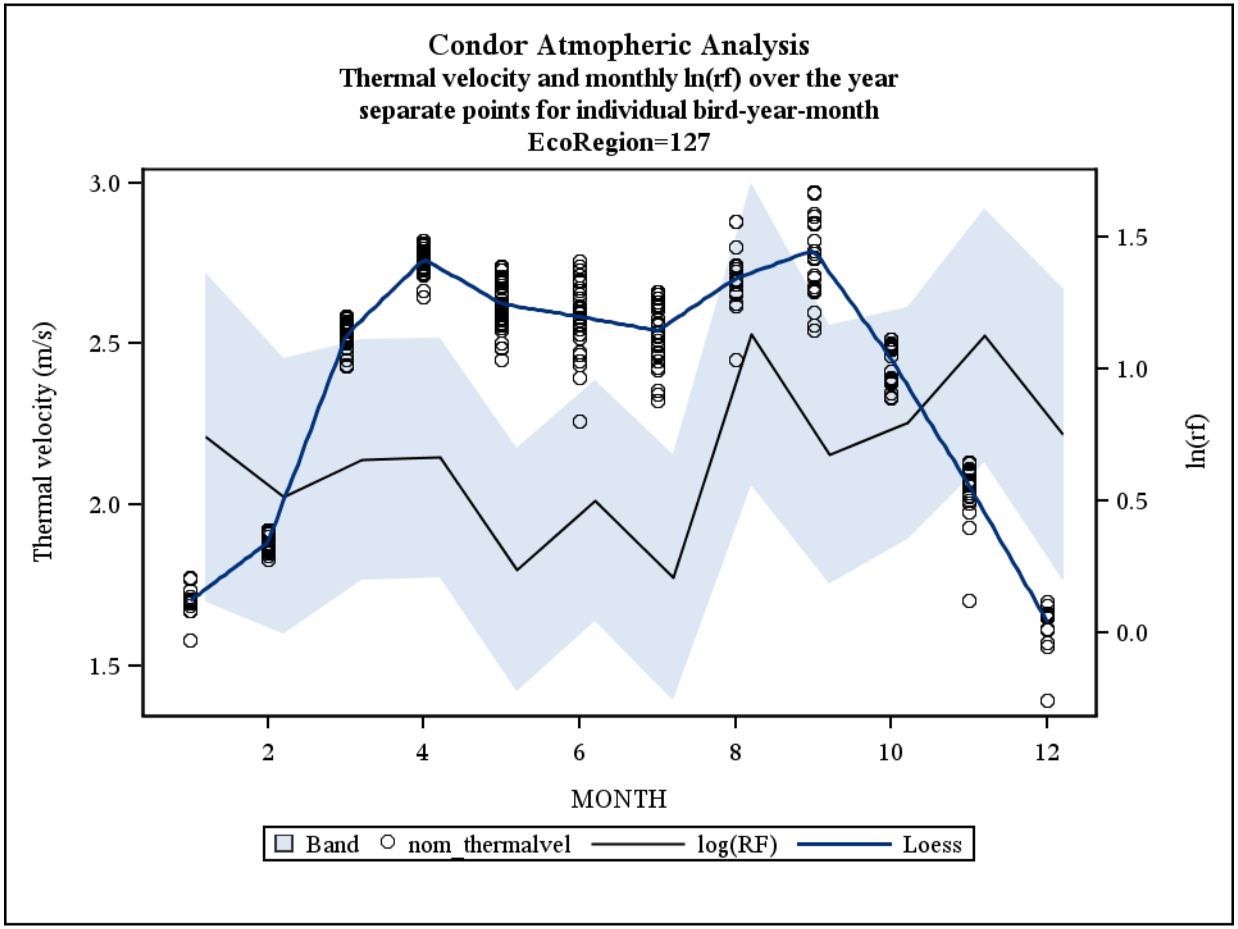
EcoRegion=125



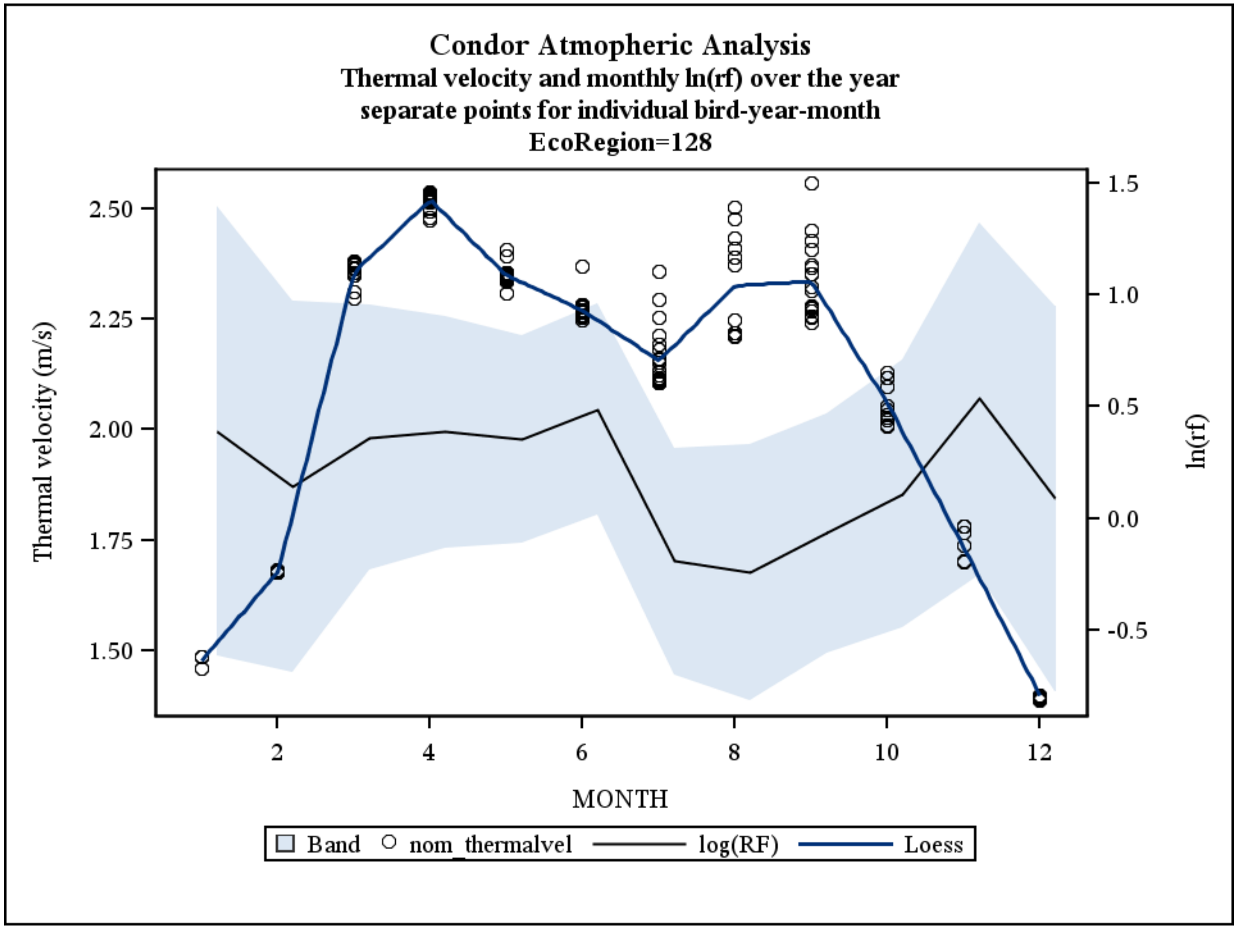
EcoRegion=126



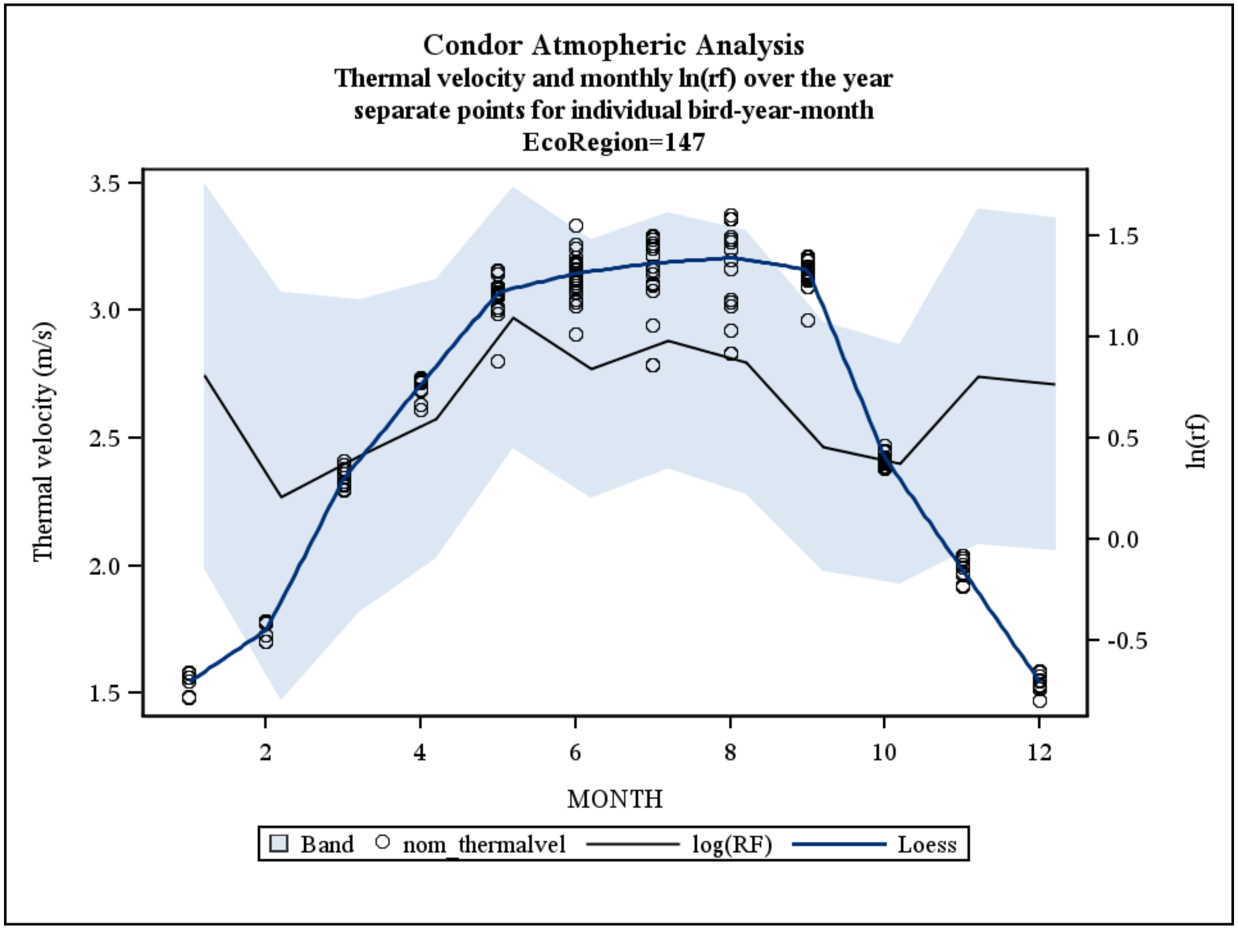
EcoRegion=127



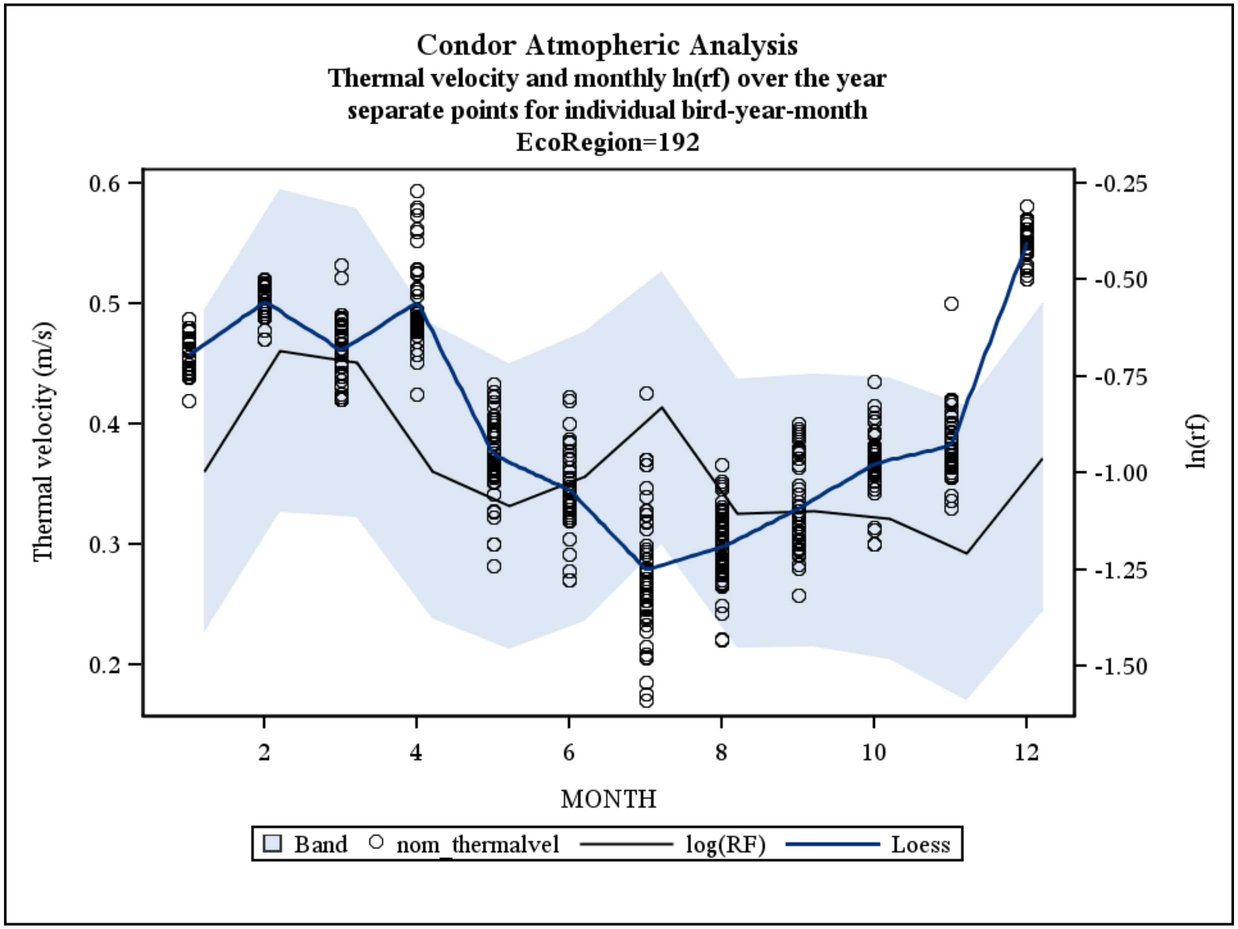
EcoRegion=128



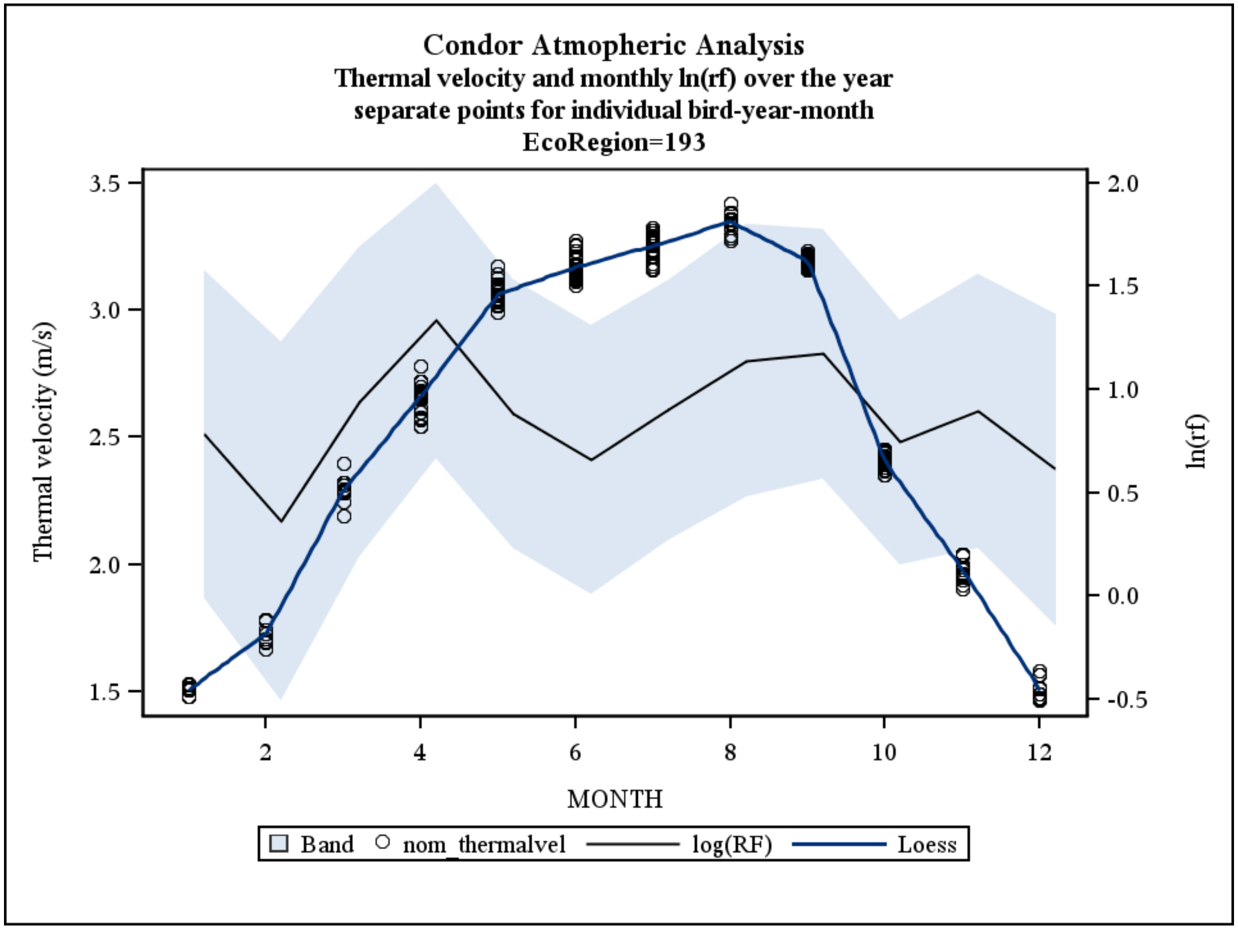
EcoRegion=147



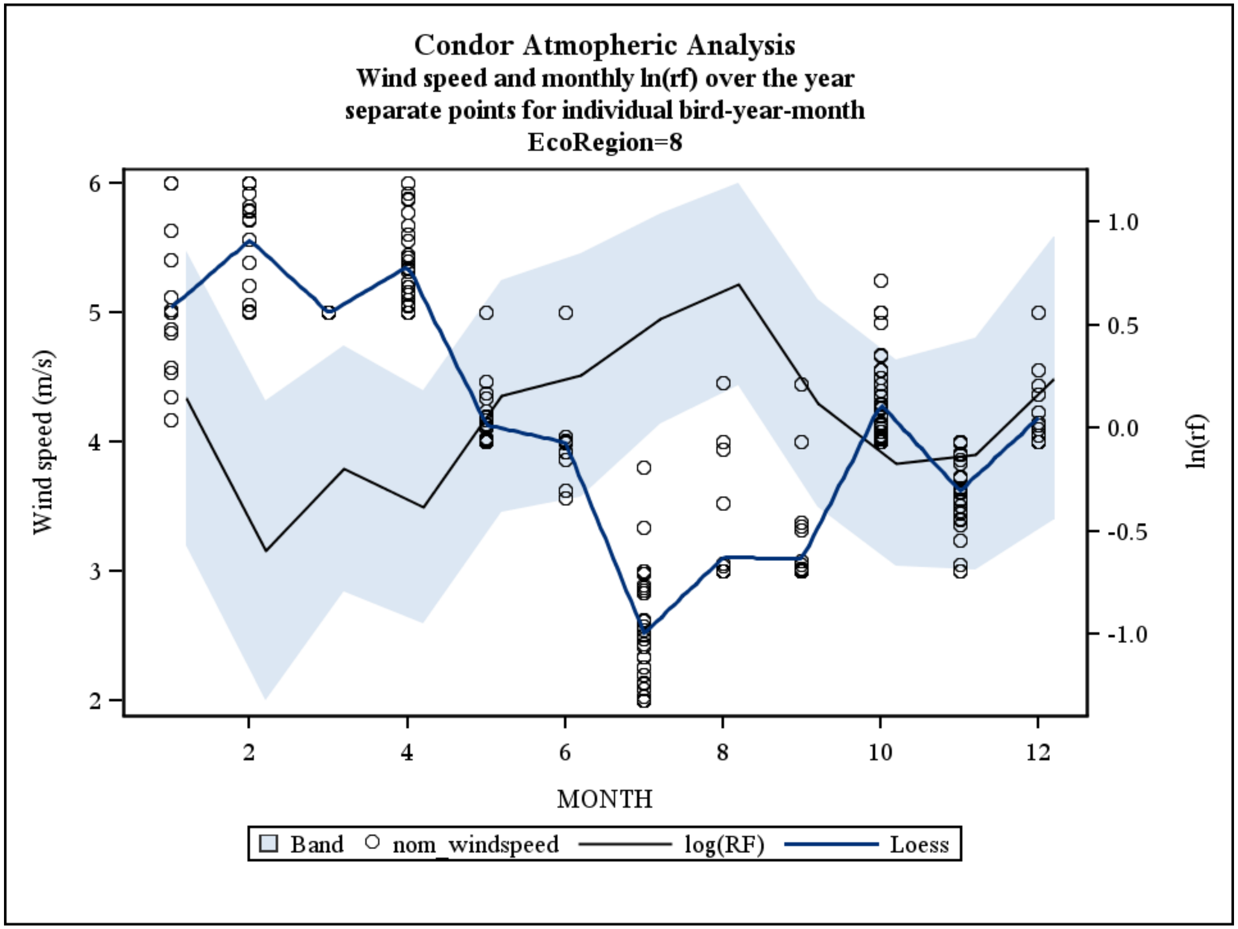
EcoRegion=192



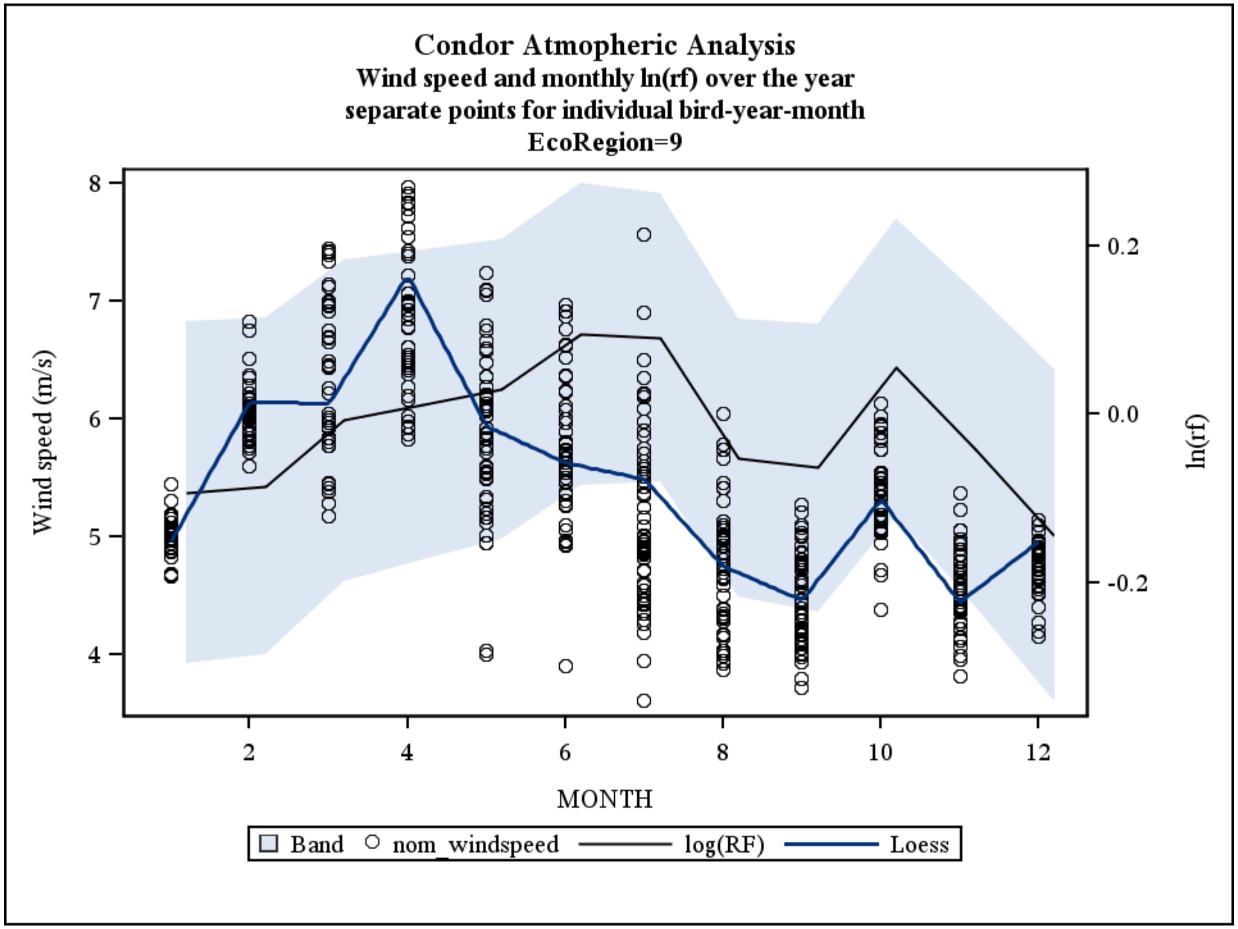
EcoRegion=193



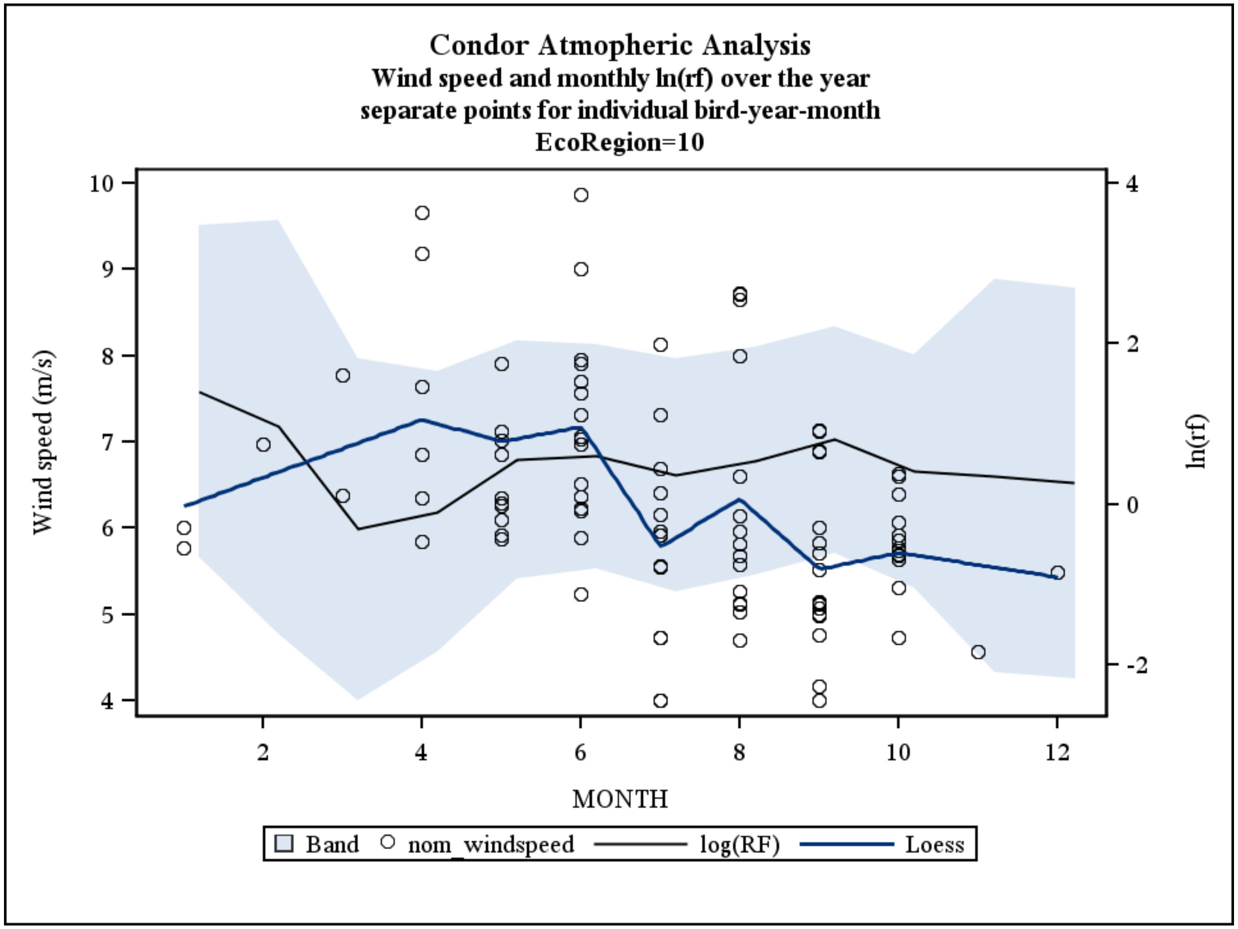
EcoRegion=8


Condor Atmopheric Analysis
Wind speed and monthly ln(rf) over the year
separate points for individual bird-year-month
EcoRegion=8
Wind speed (m/s)
6
5
4
3
2
1.0
0.5
0.0
-0.5
-1.0
ln(rf)
2
4
6
8
10
12
MONTH
Band
nom_windspeed
log(RF)
Loess

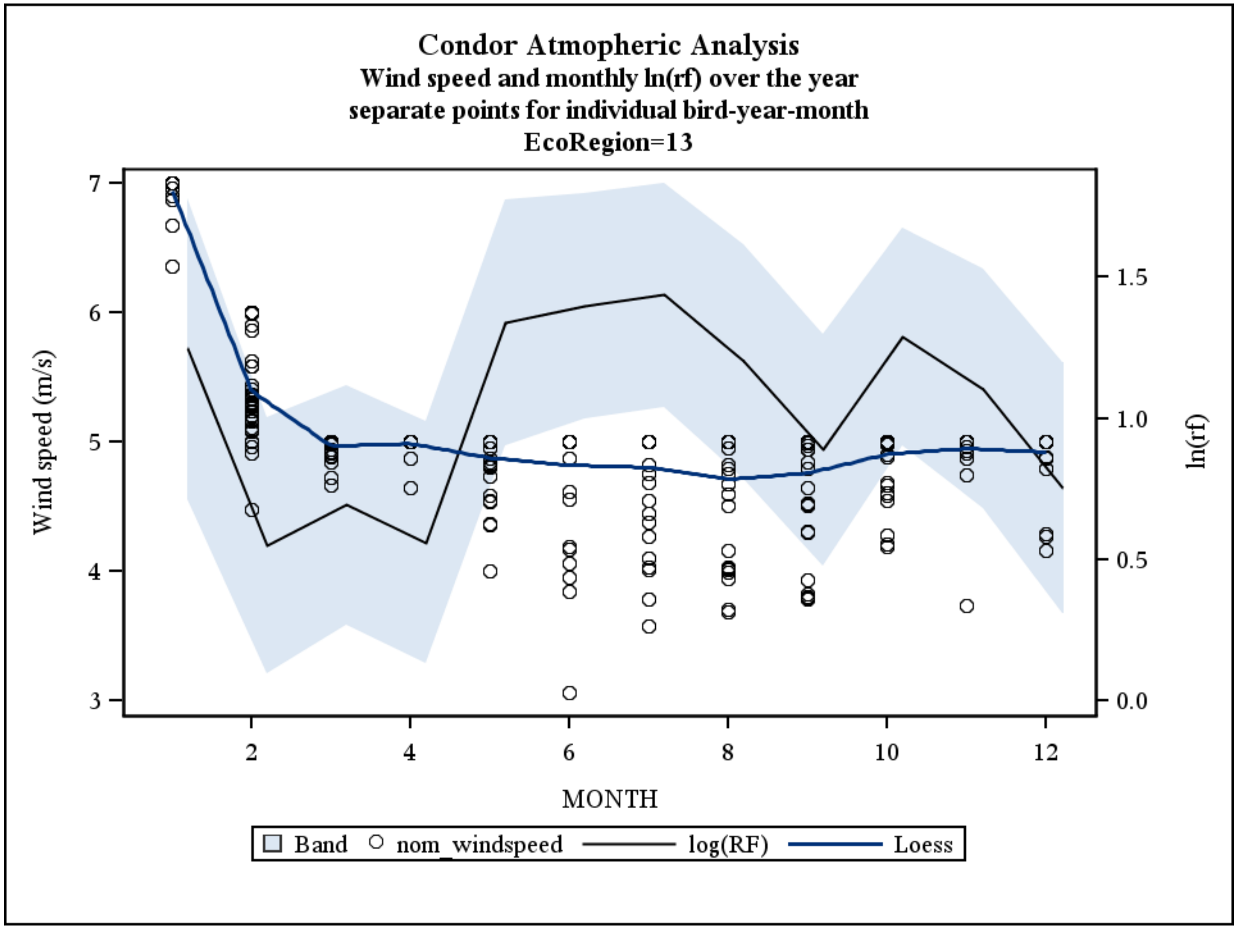
EcoRegion=9


Condor Atmopheric Analysis
Wind speed and monthly ln(rf) over the year
separate points for individual bird-year-month
EcoRegion=9
Wind speed (m/s)
ln(rf)
MONTH
8
7
6
5
4
0.2
0.0
-0.2
2
4
6
8
10
12
Band
nom_windspeed
log(RF)
Loess

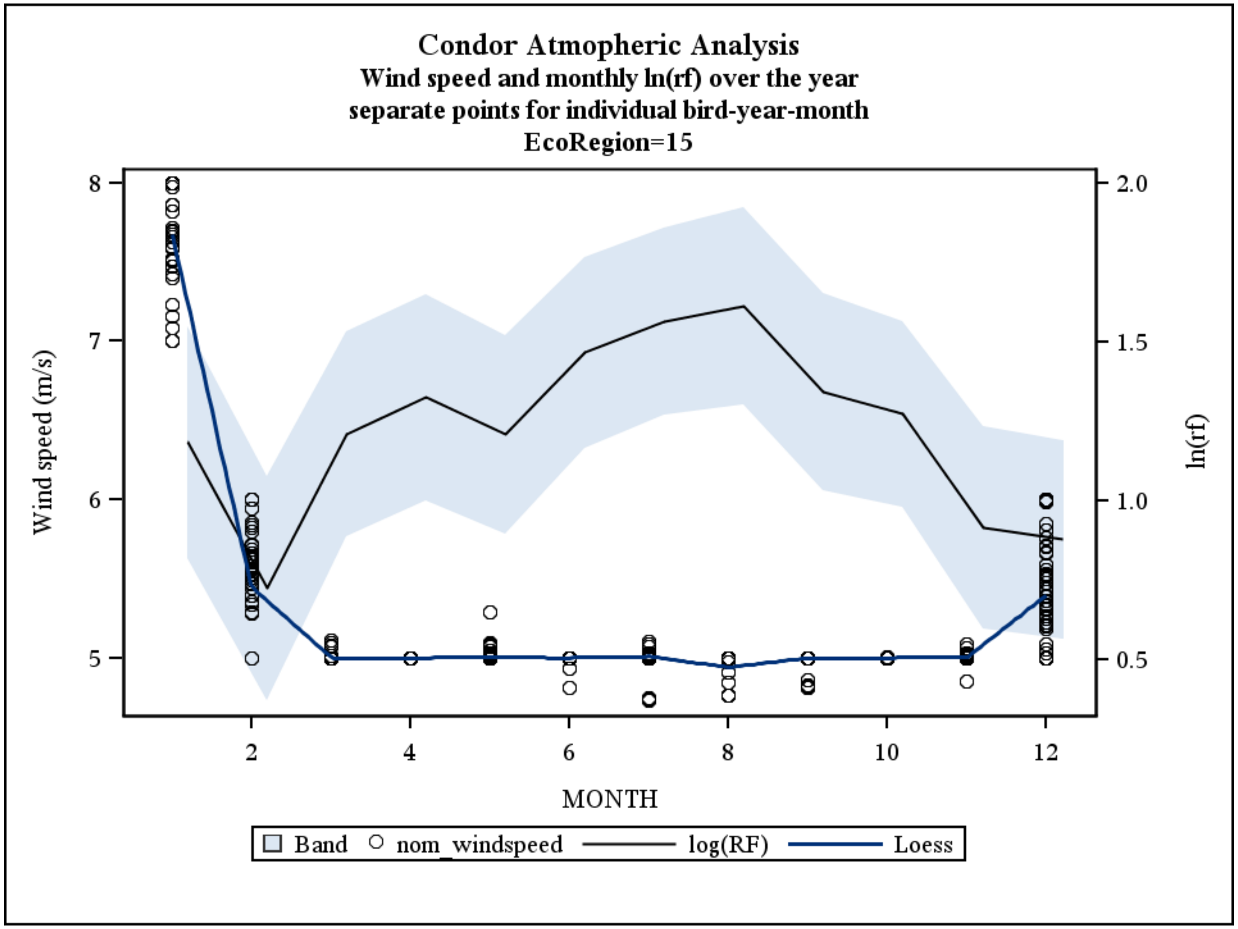
EcoRegion=10



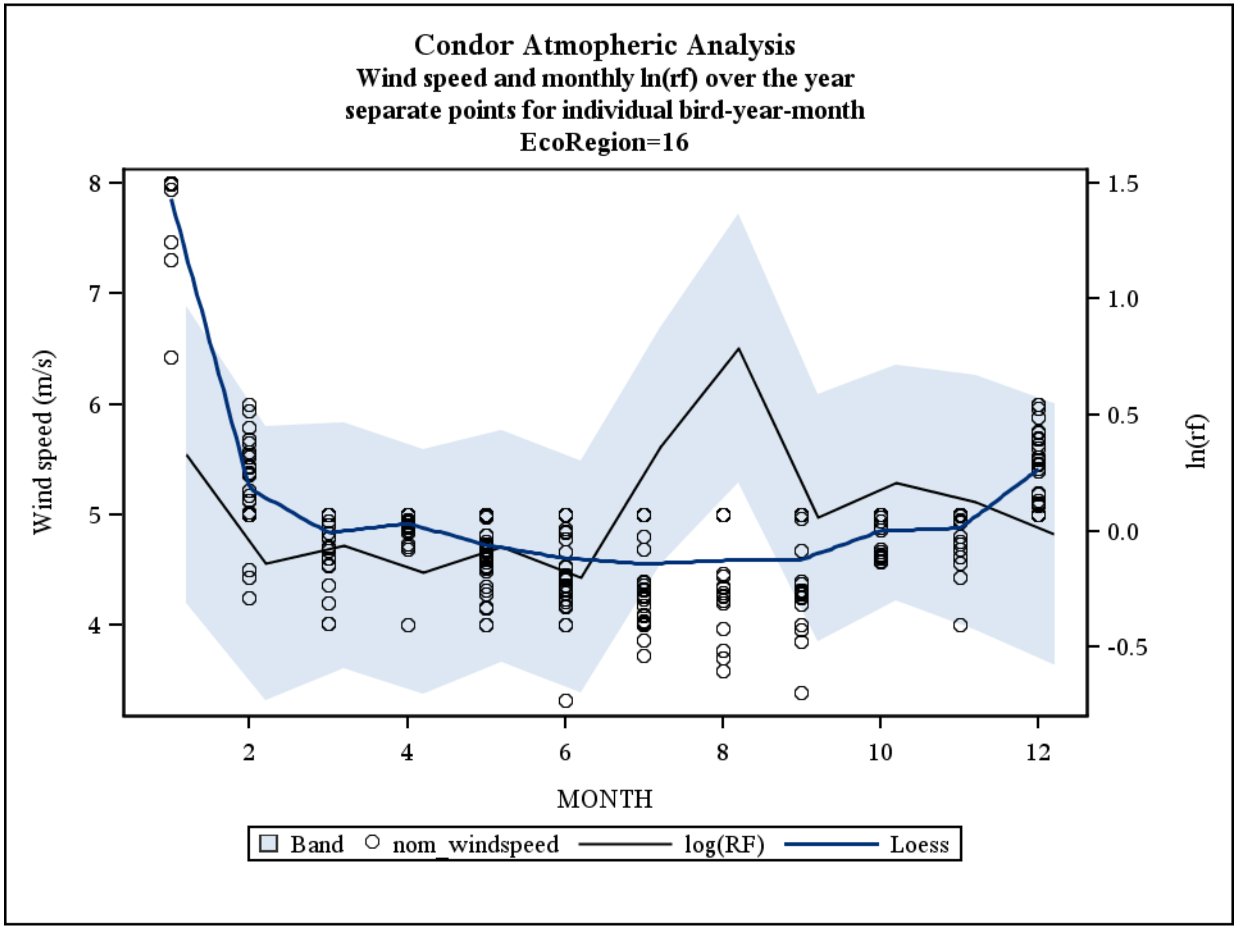
EcoRegion=13



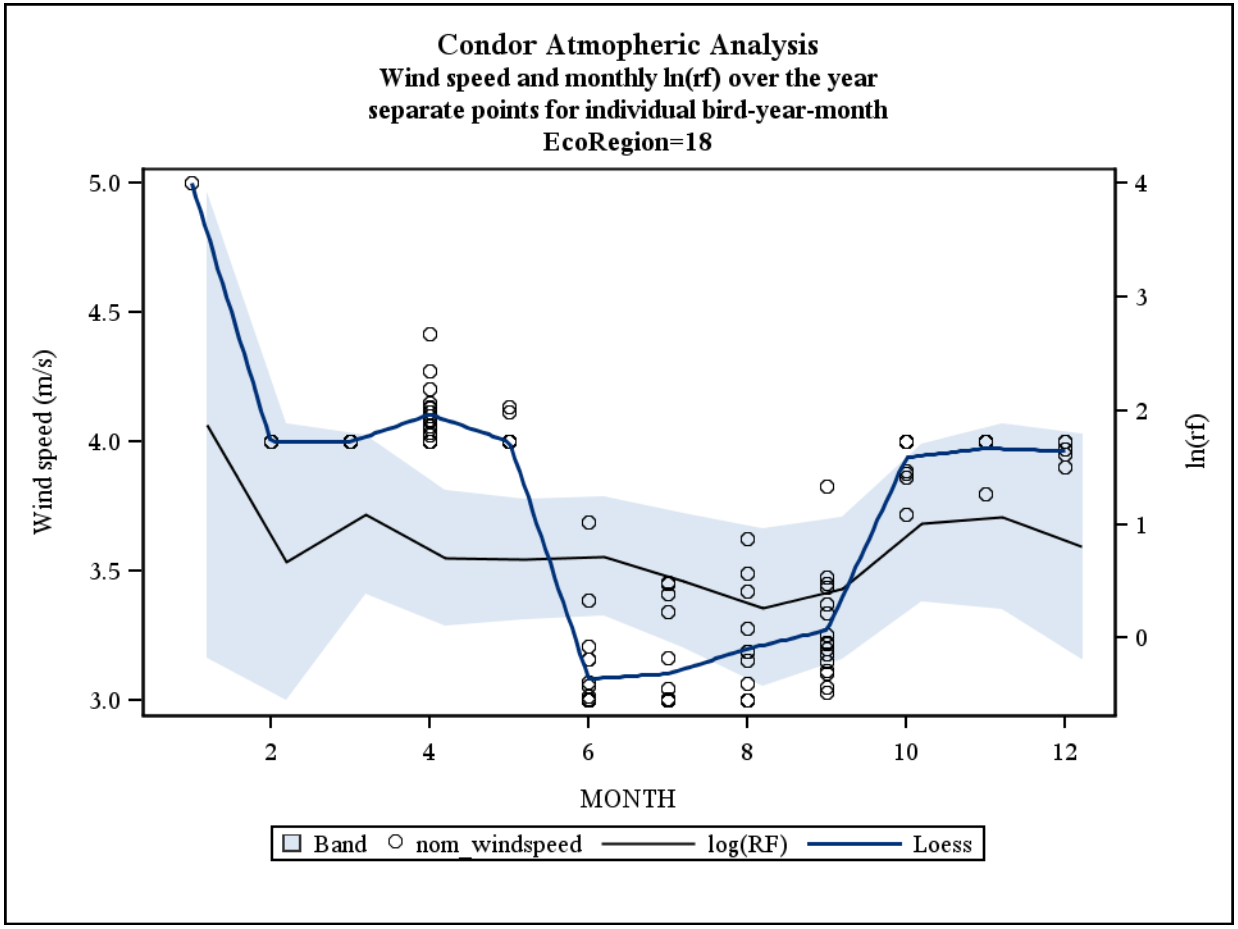
EcoRegion=15



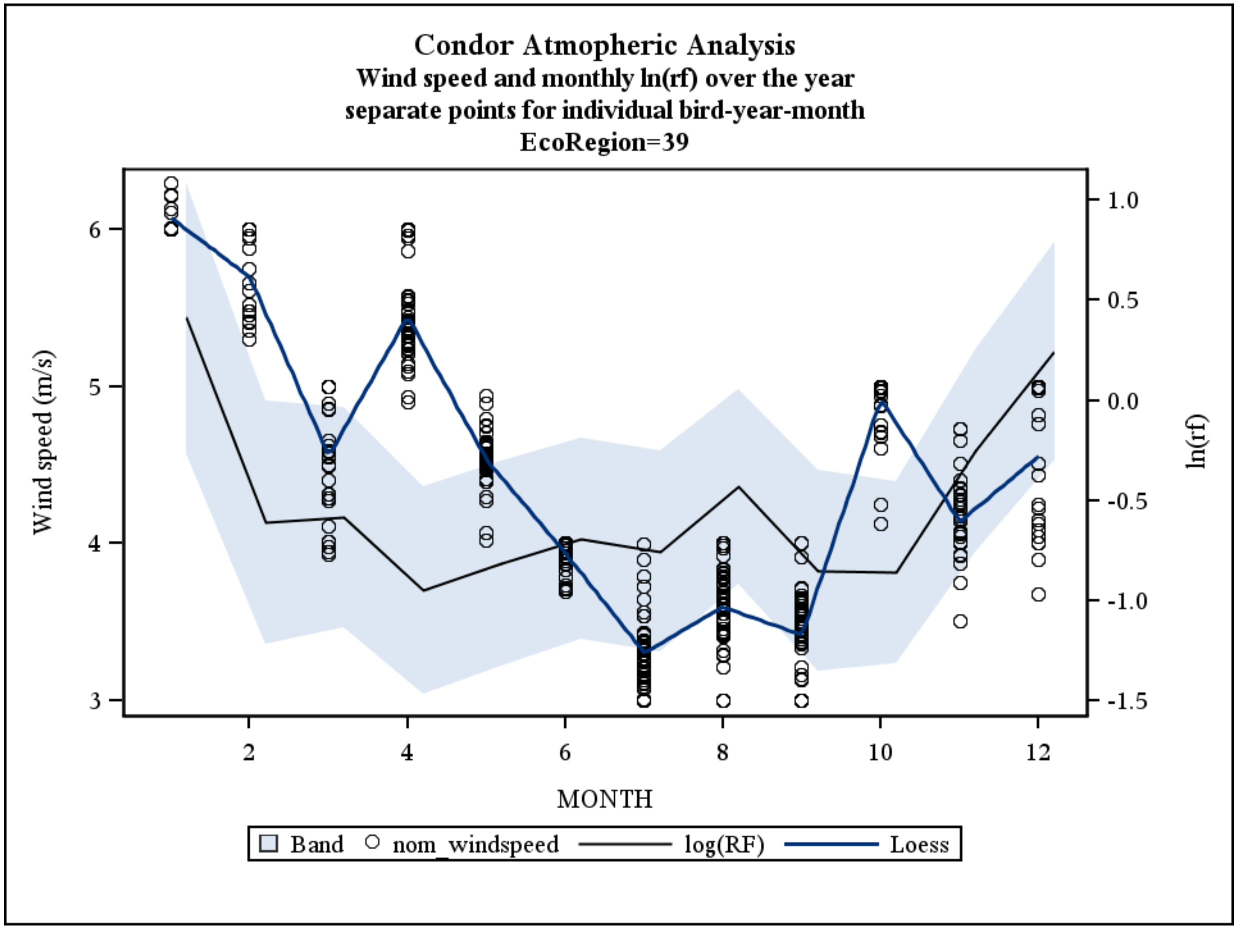
EcoRegion=16



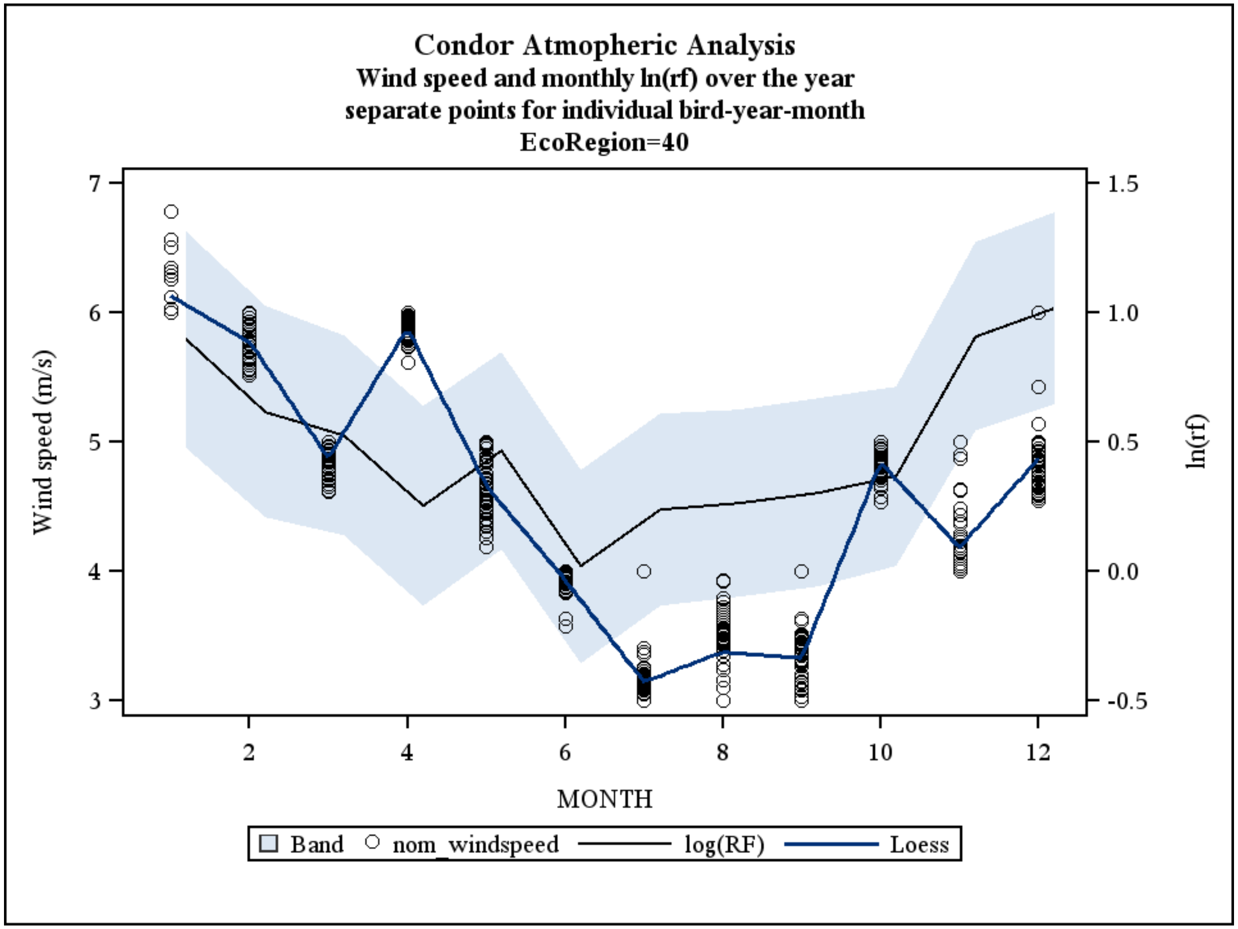
EcoRegion=18



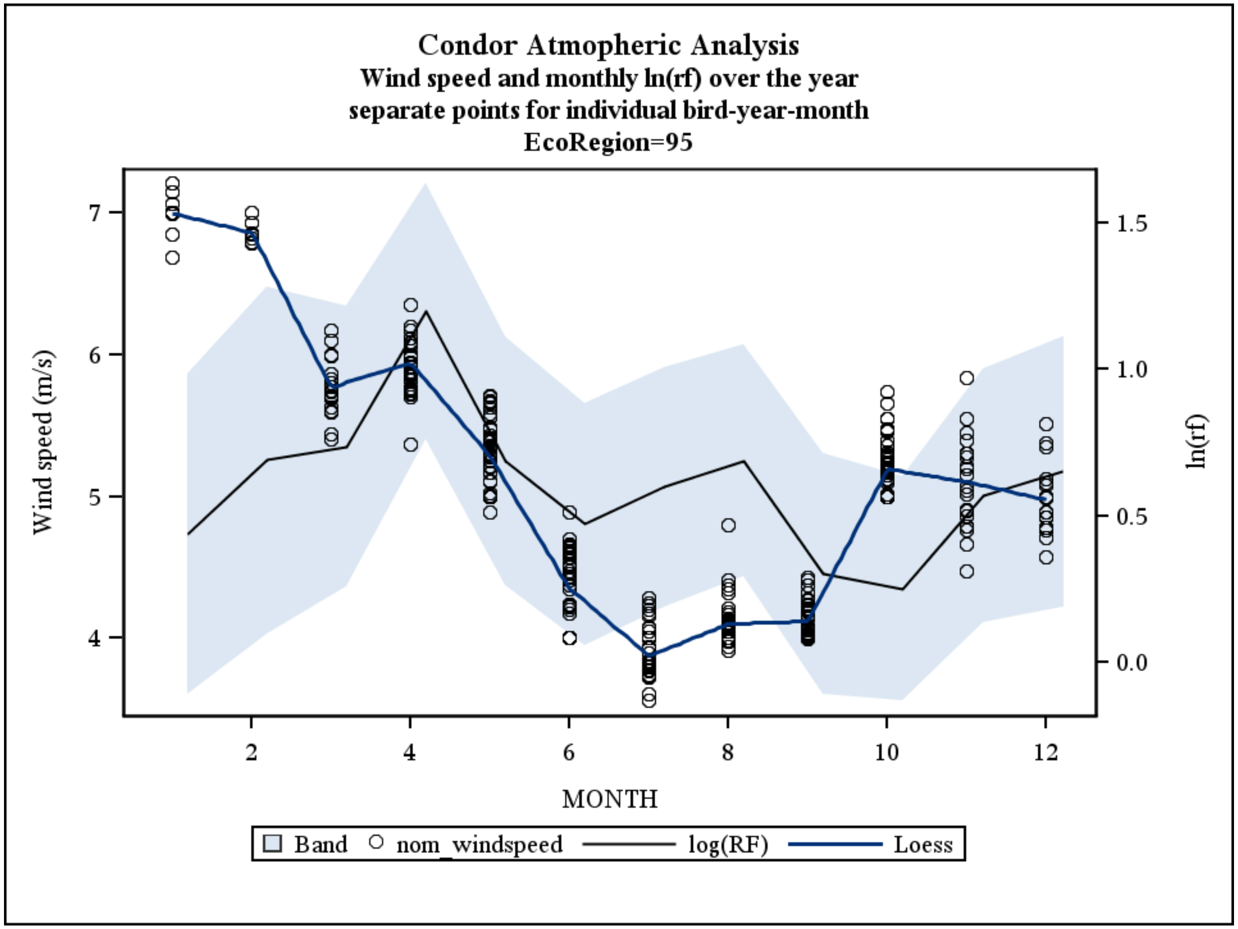
EcoRegion=39



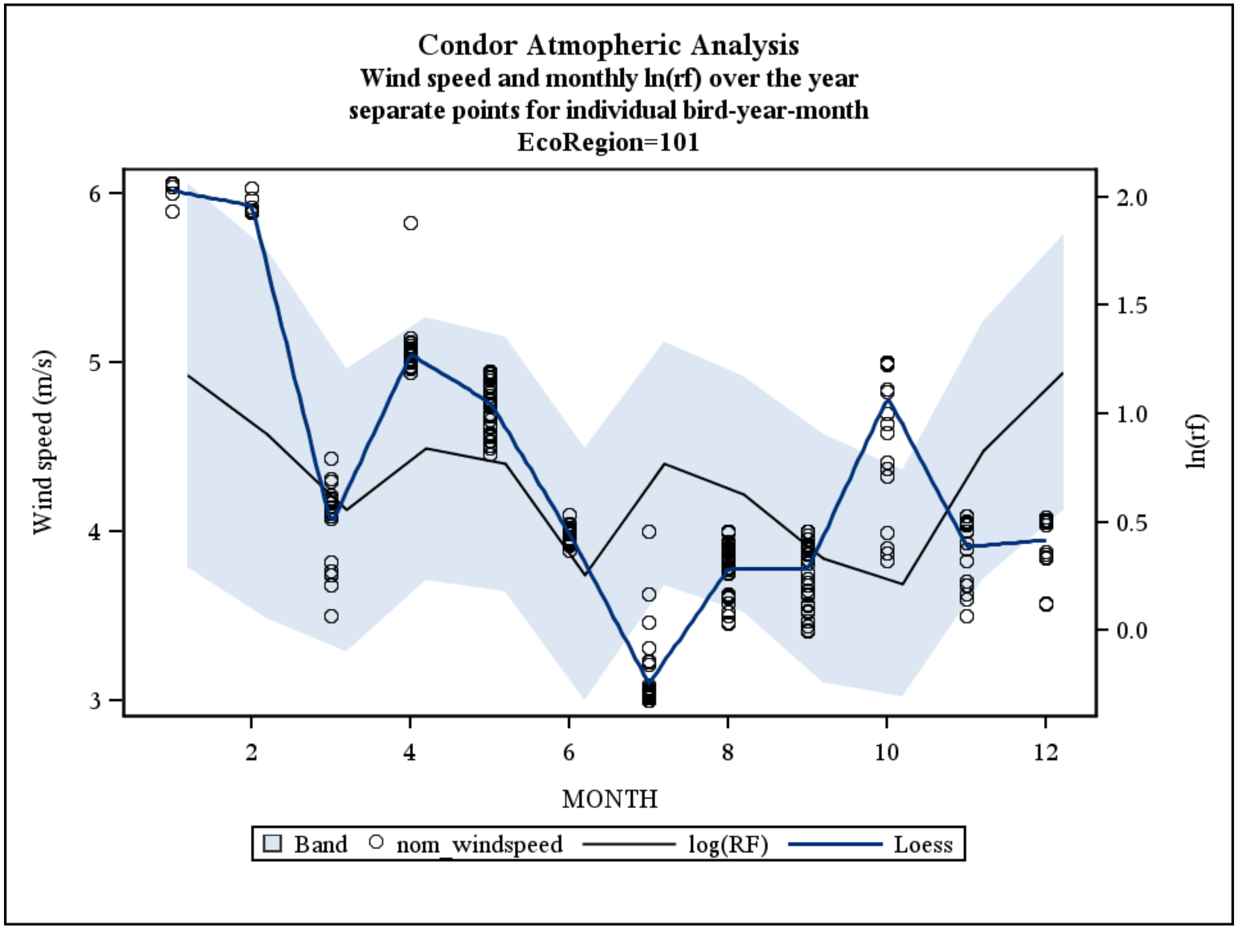
EcoRegion=40



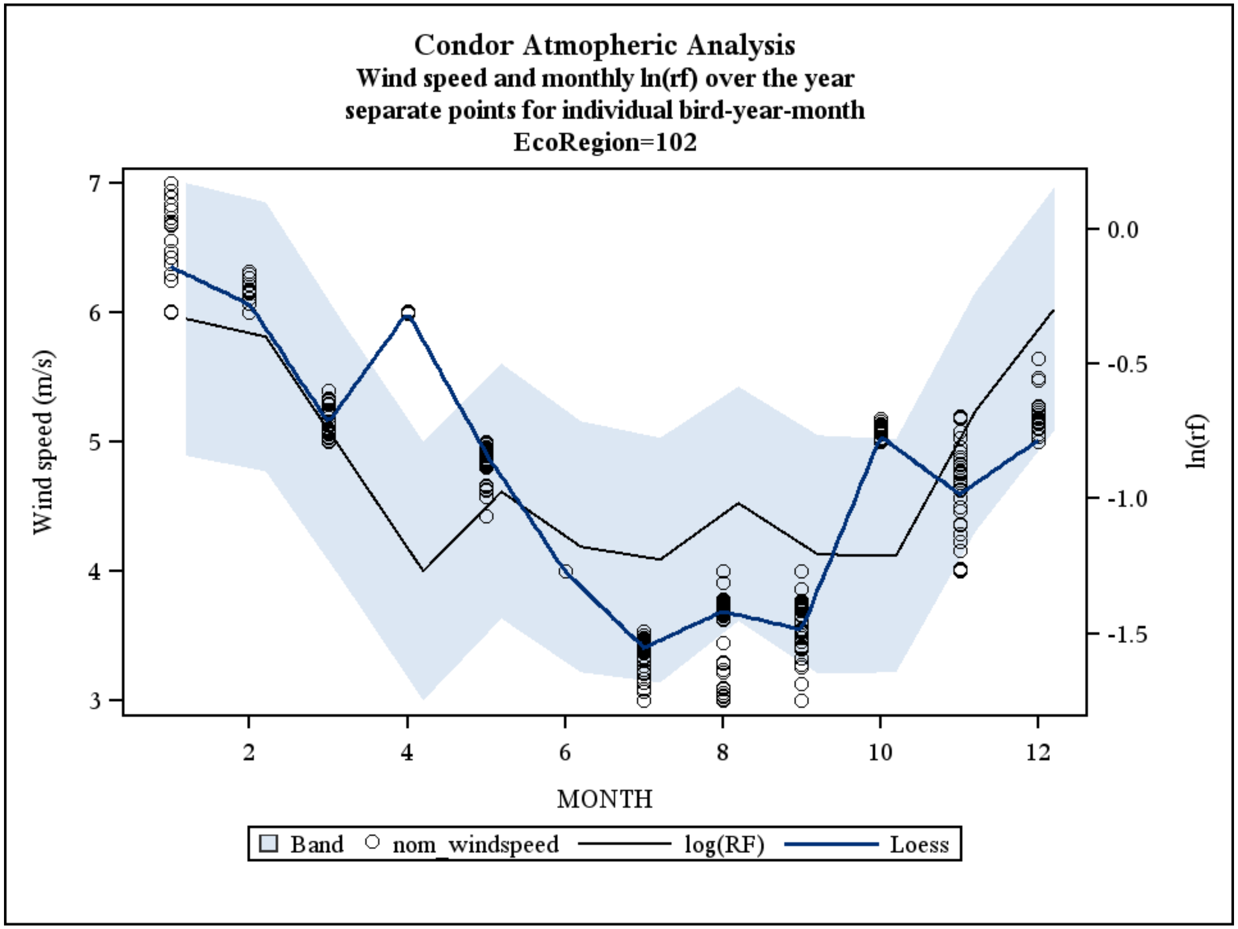
EcoRegion=95



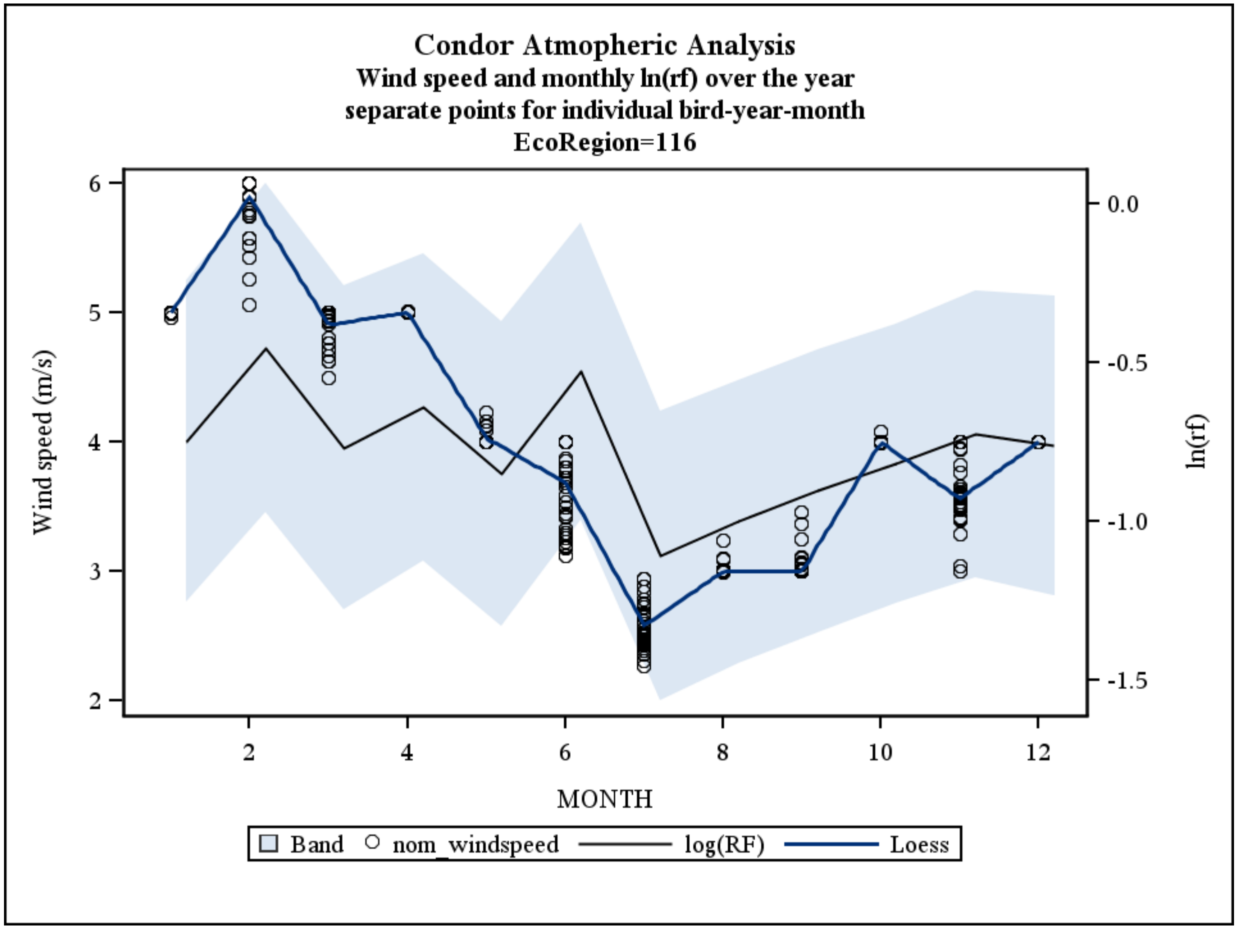
EcoRegion=101



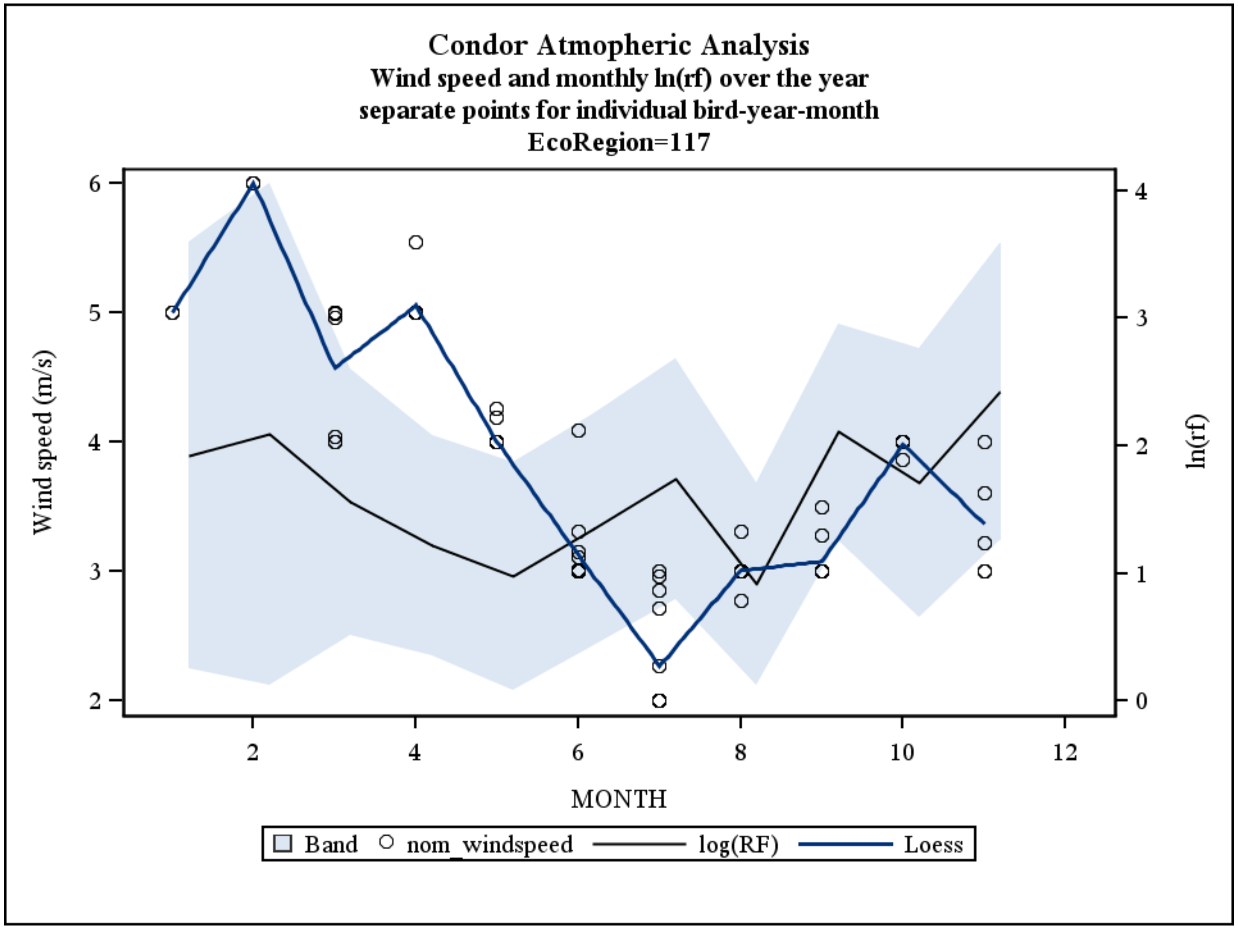
EcoRegion=102



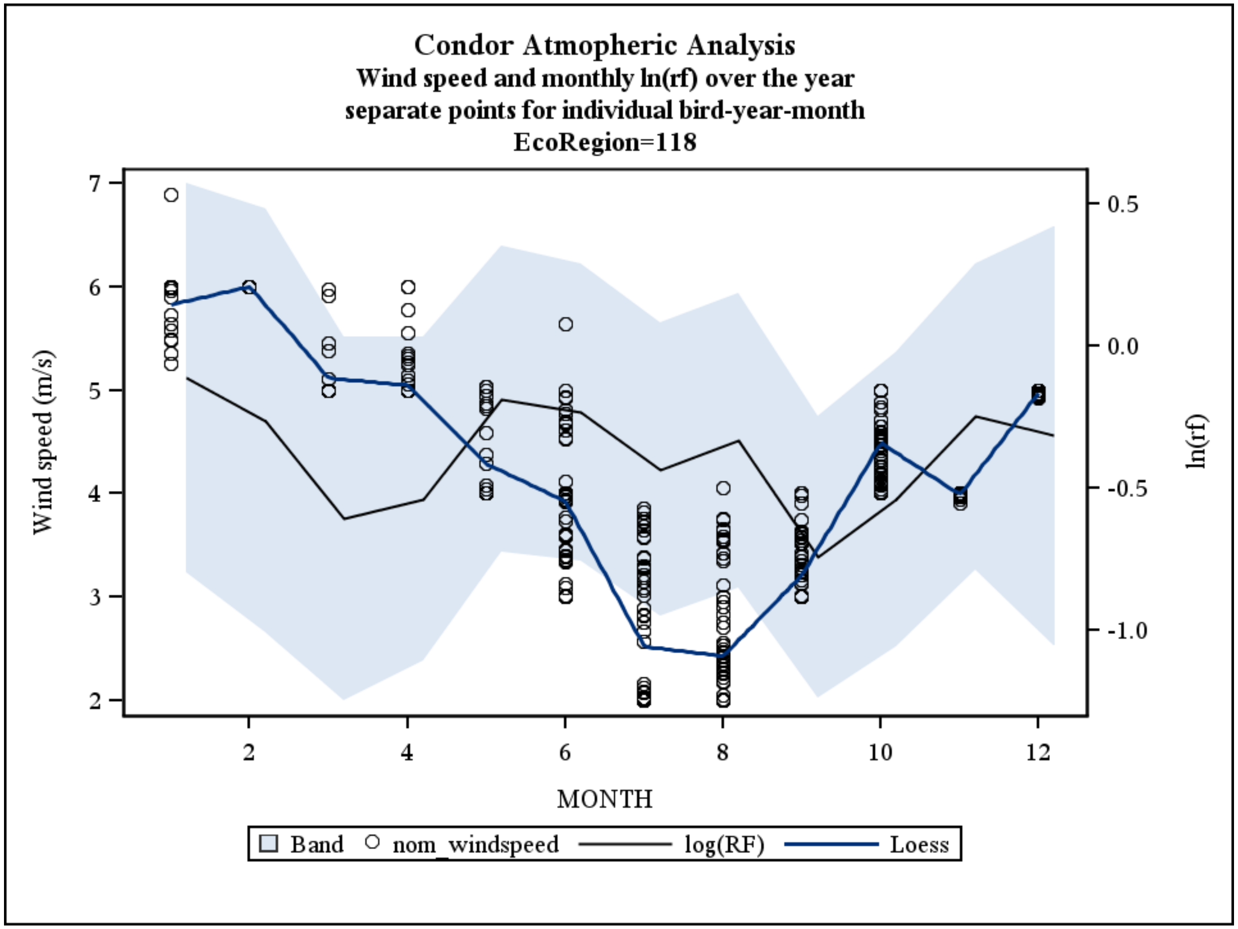
EcoRegion=116



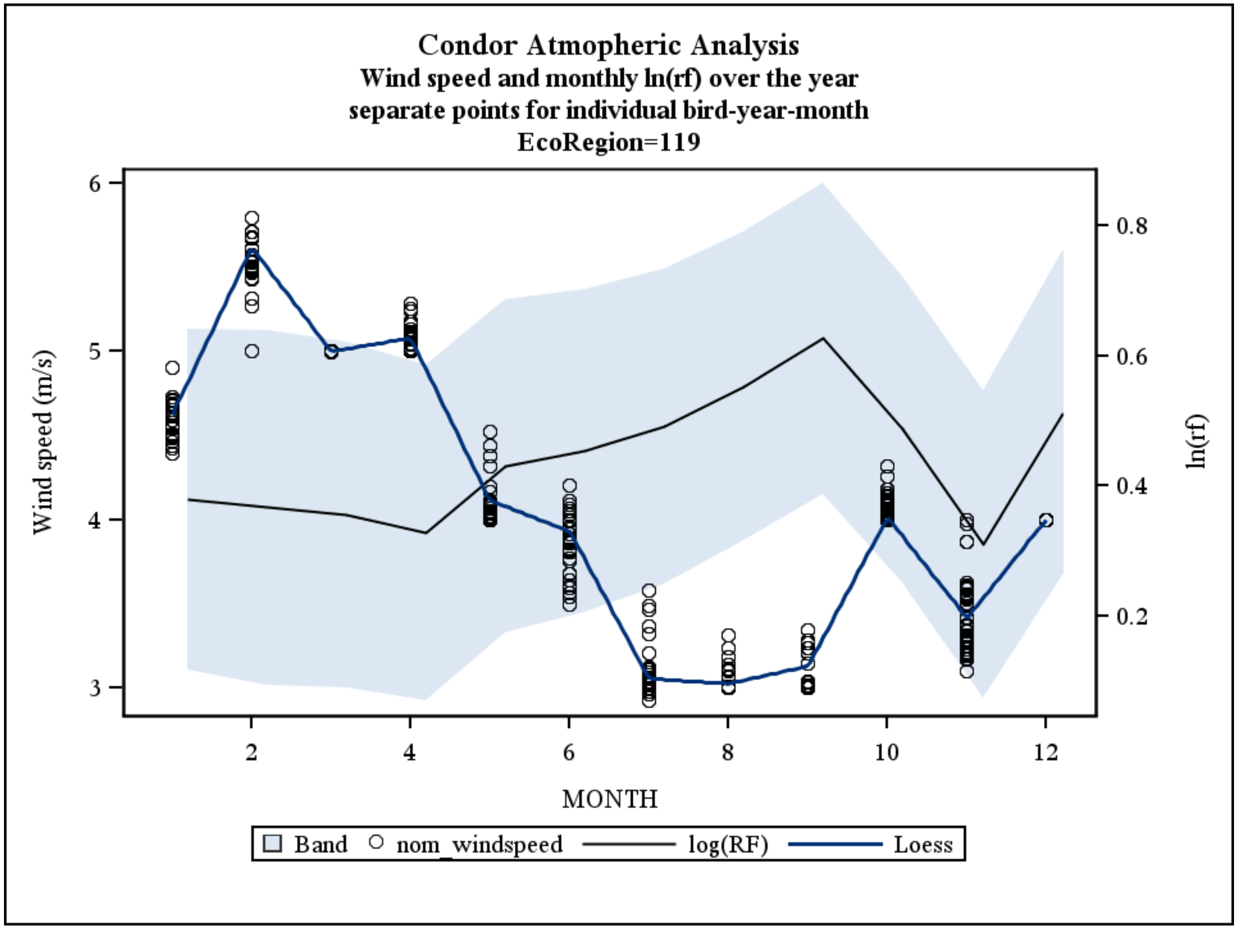
EcoRegion=117



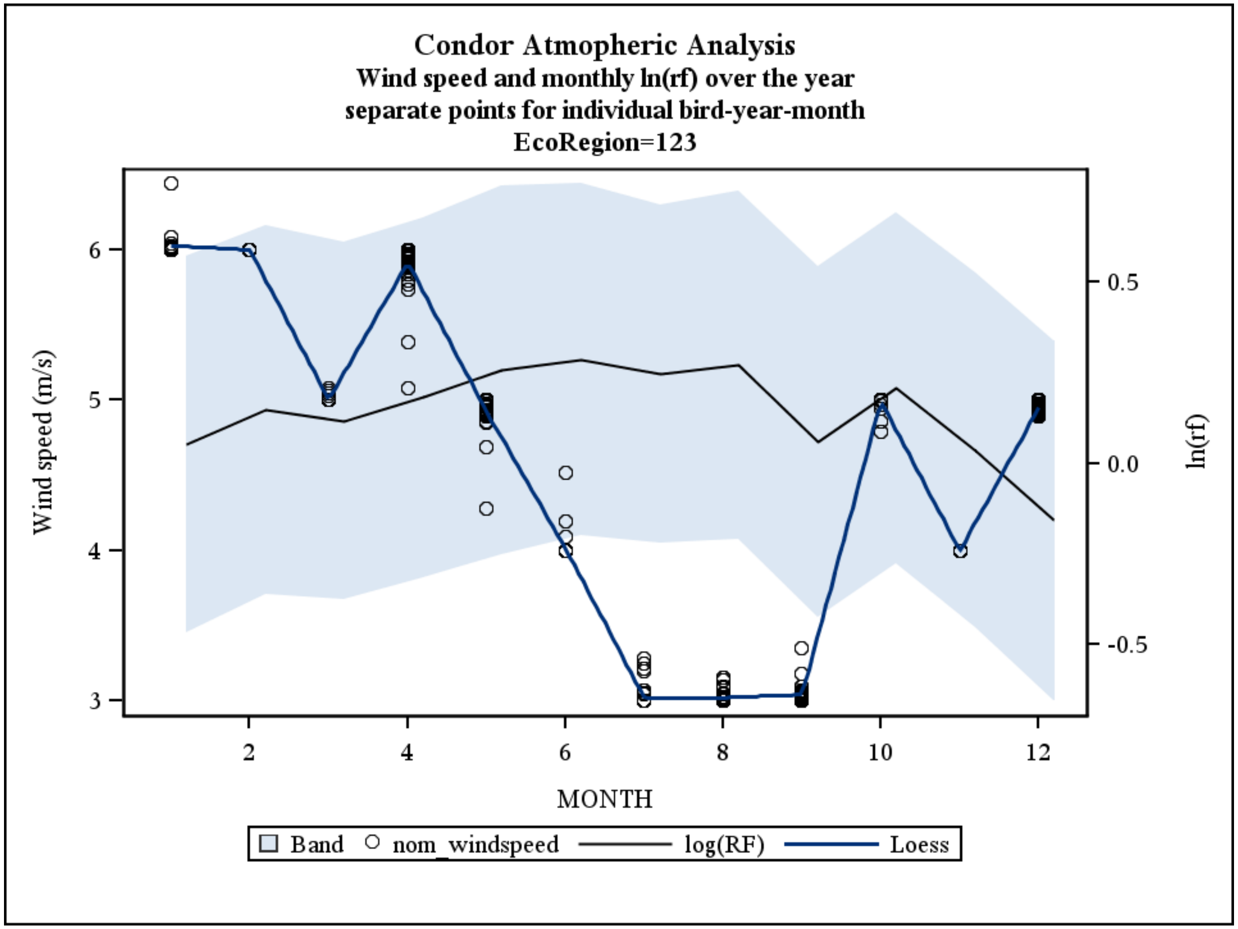
EcoRegion=118



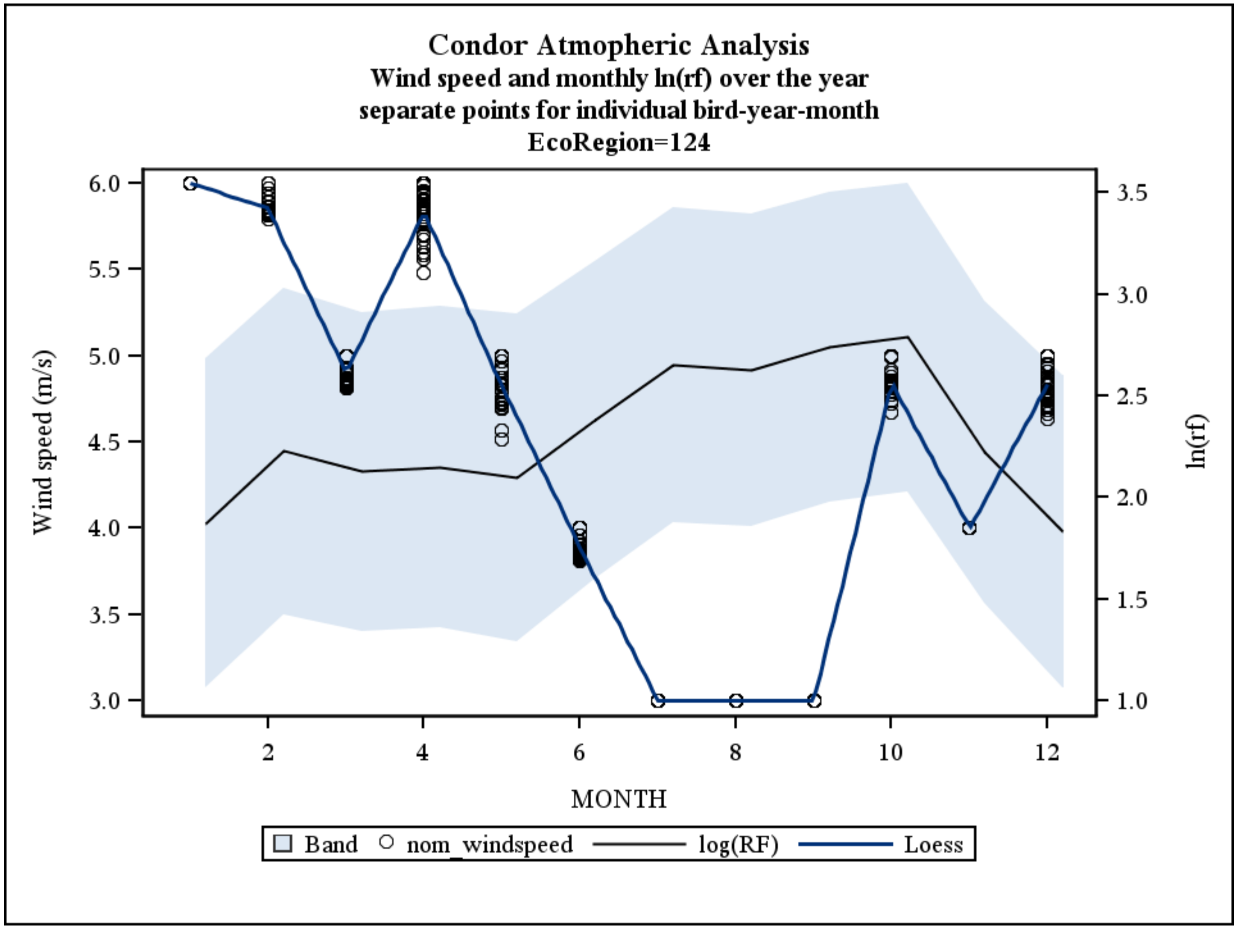
EcoRegion=119



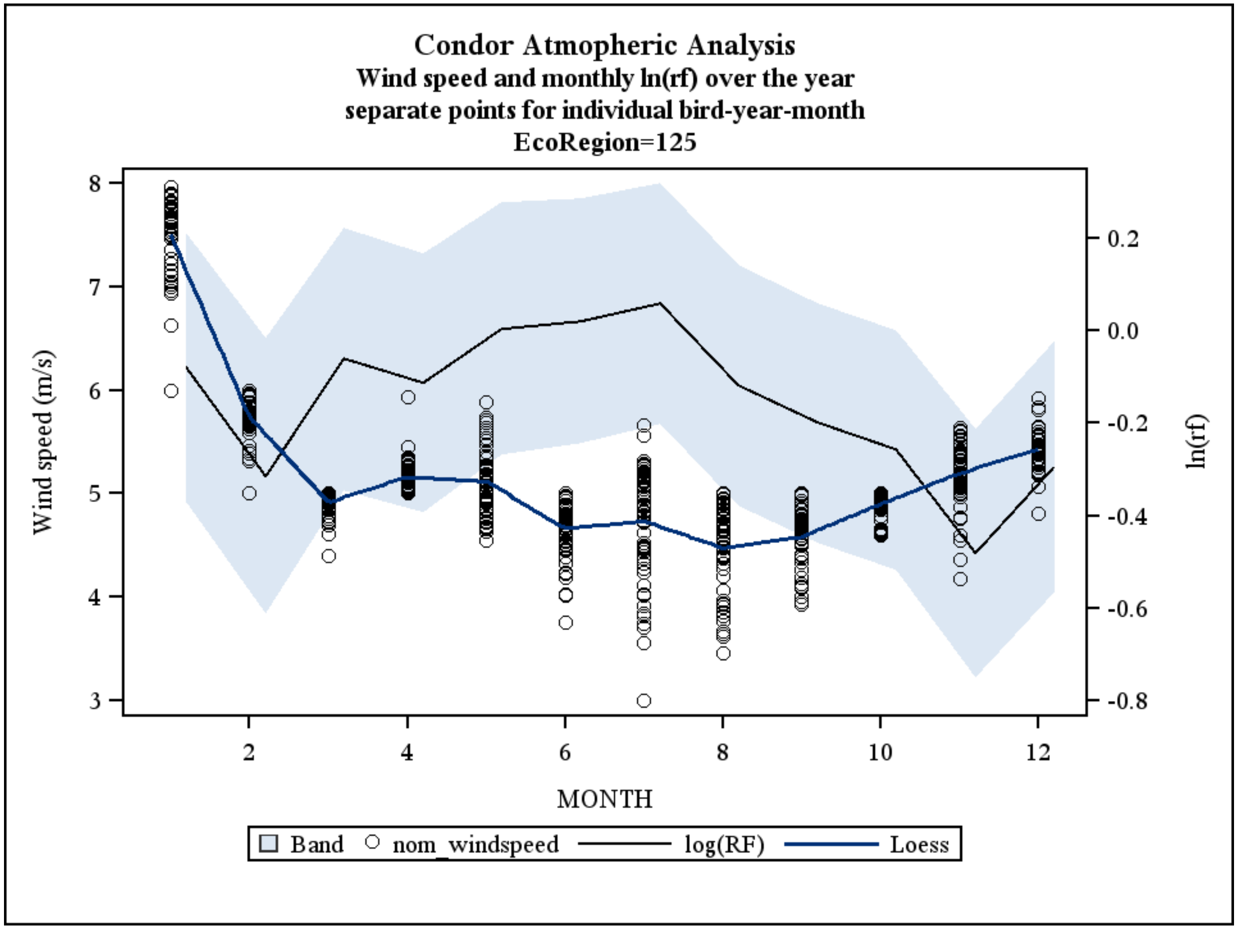
EcoRegion=123



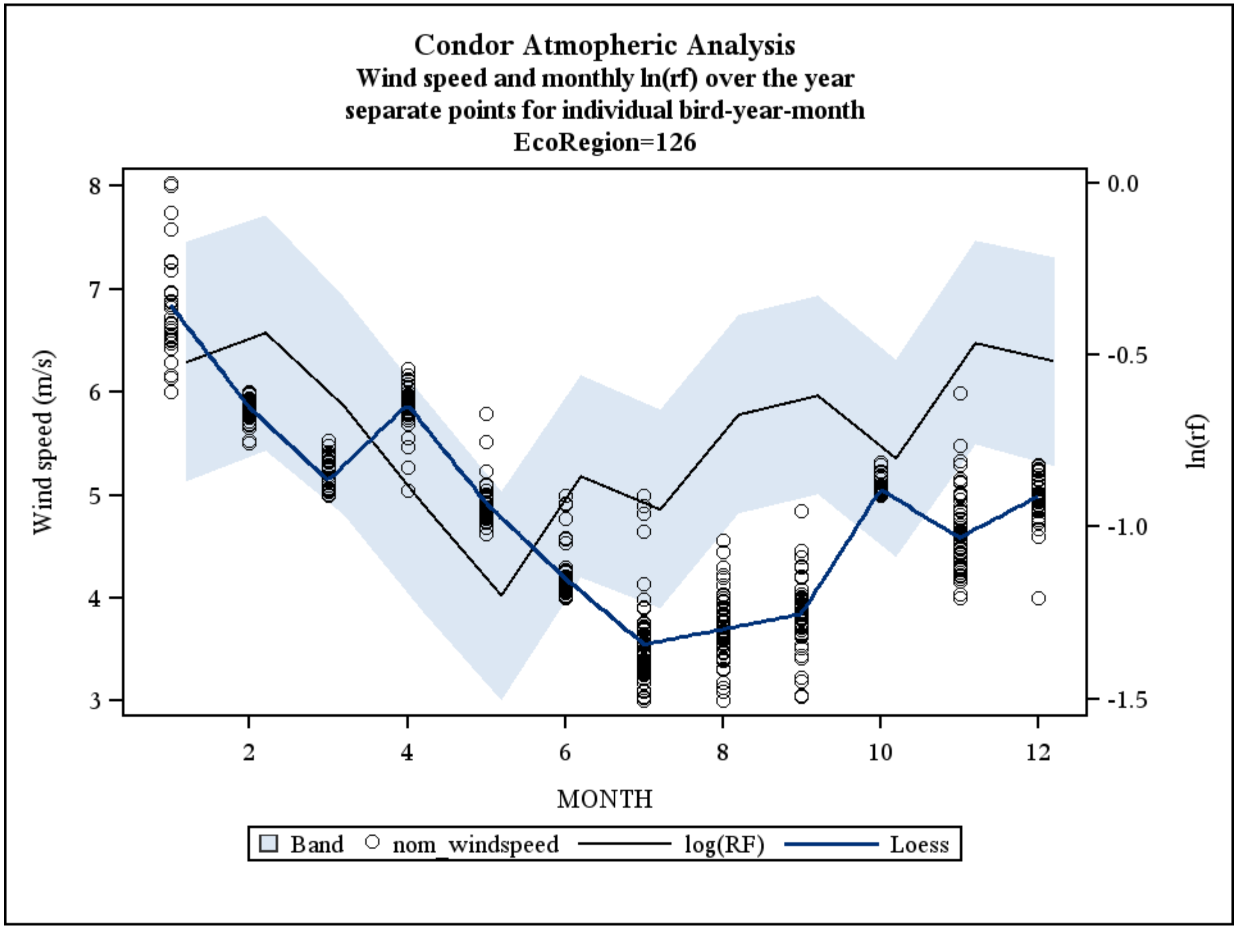
EcoRegion=124



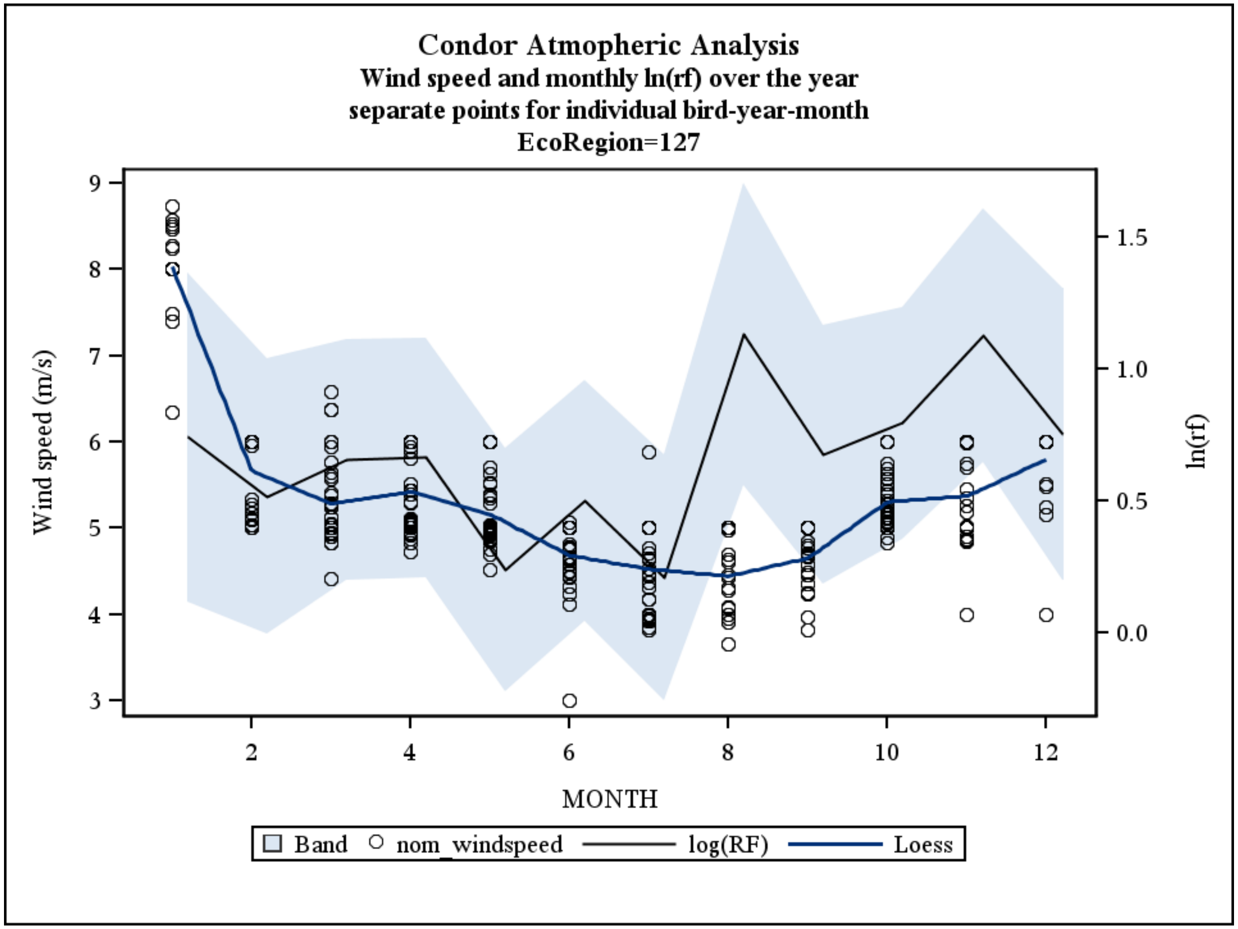
EcoRegion=125



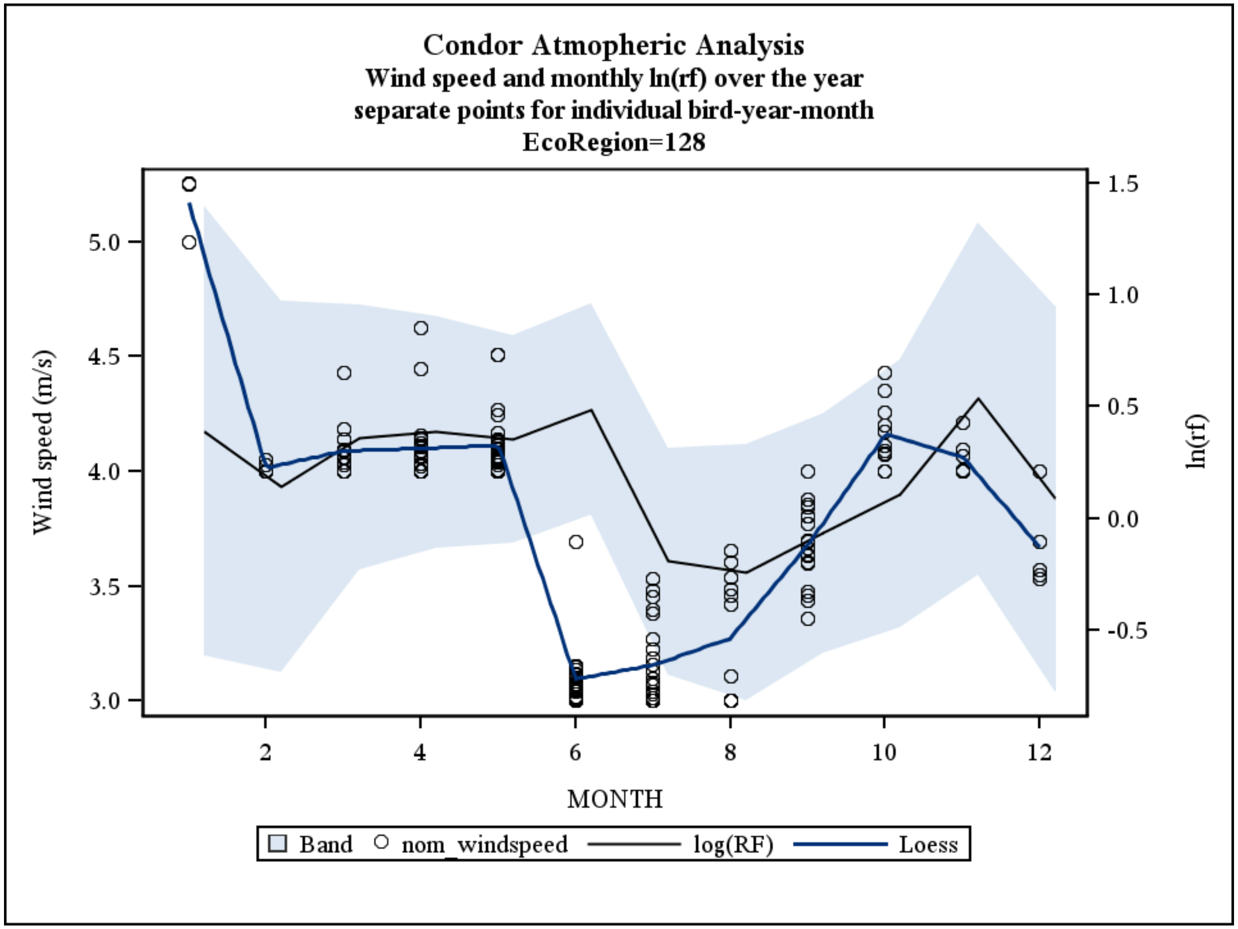
EcoRegion=126



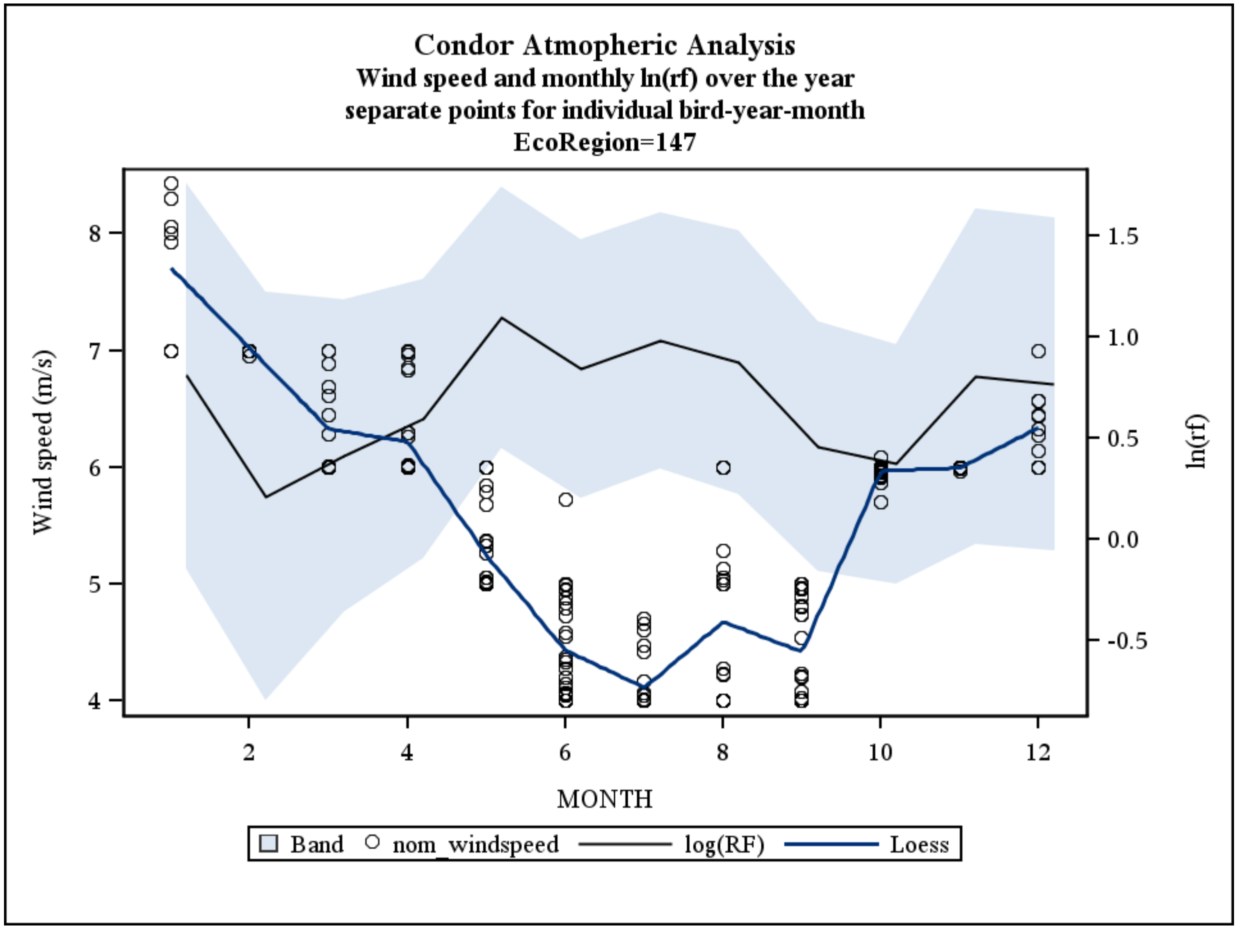
EcoRegion=127



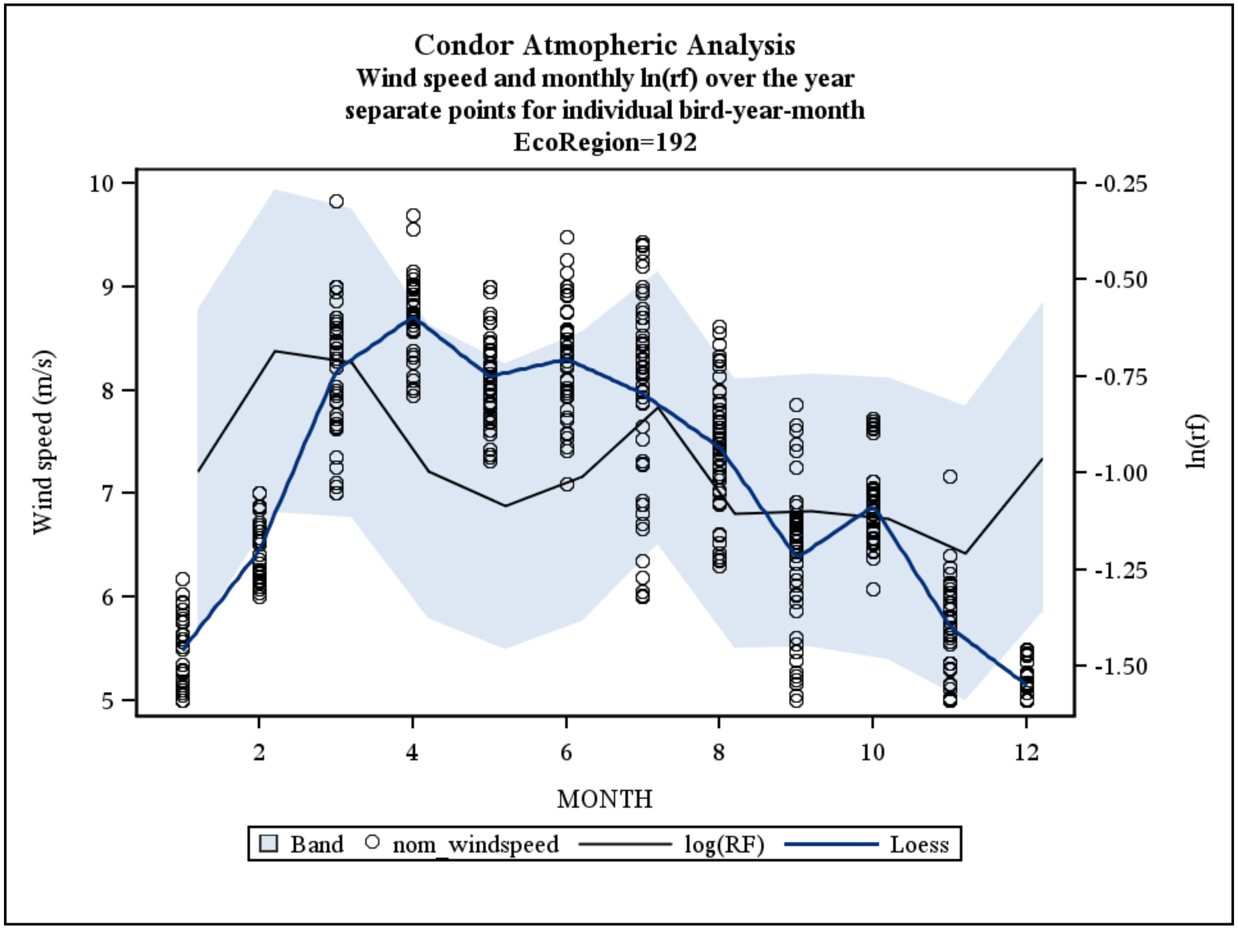
EcoRegion=128



EcoRegion=147



EcoRegion=192



EcoRegion=193