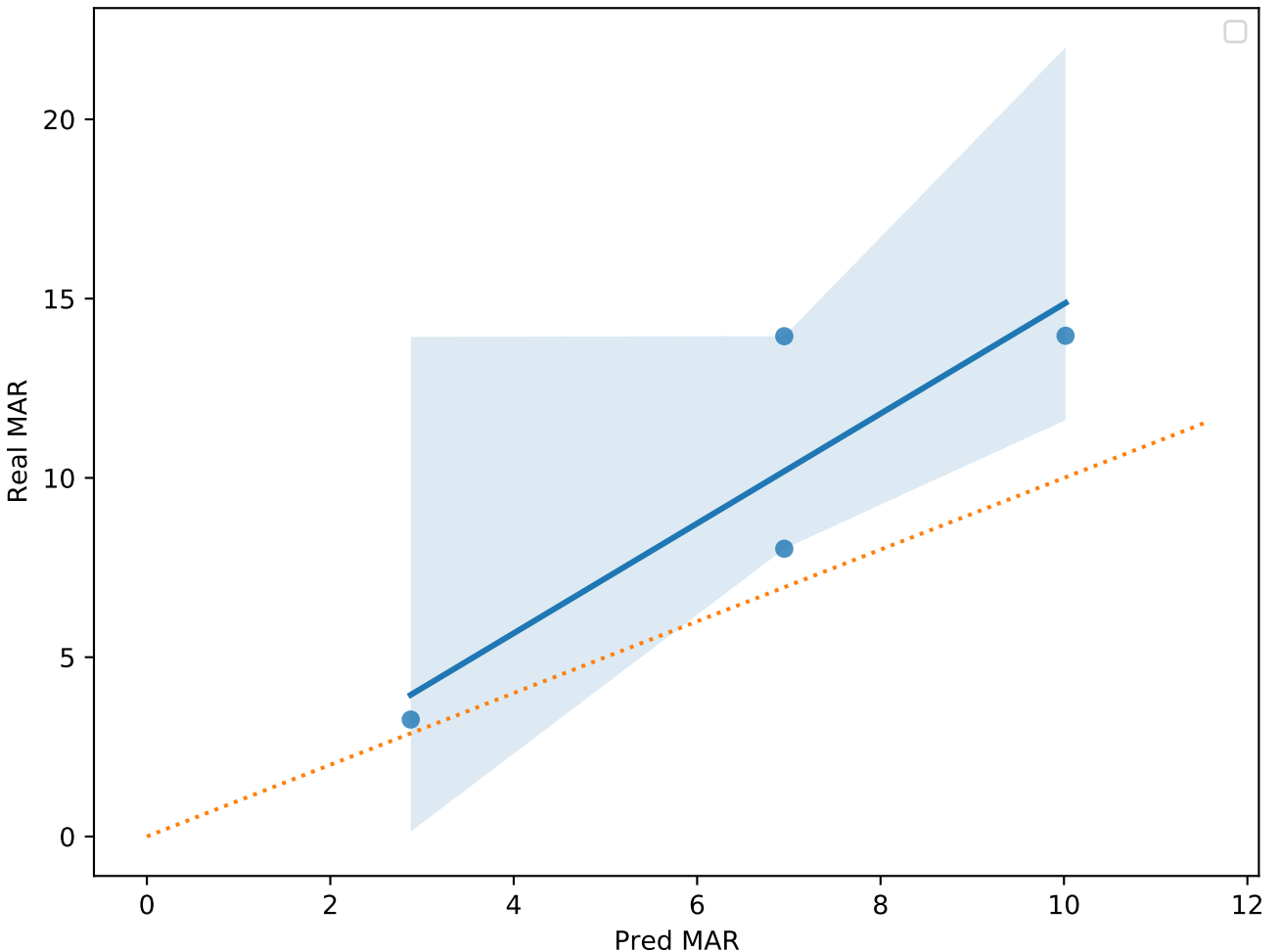
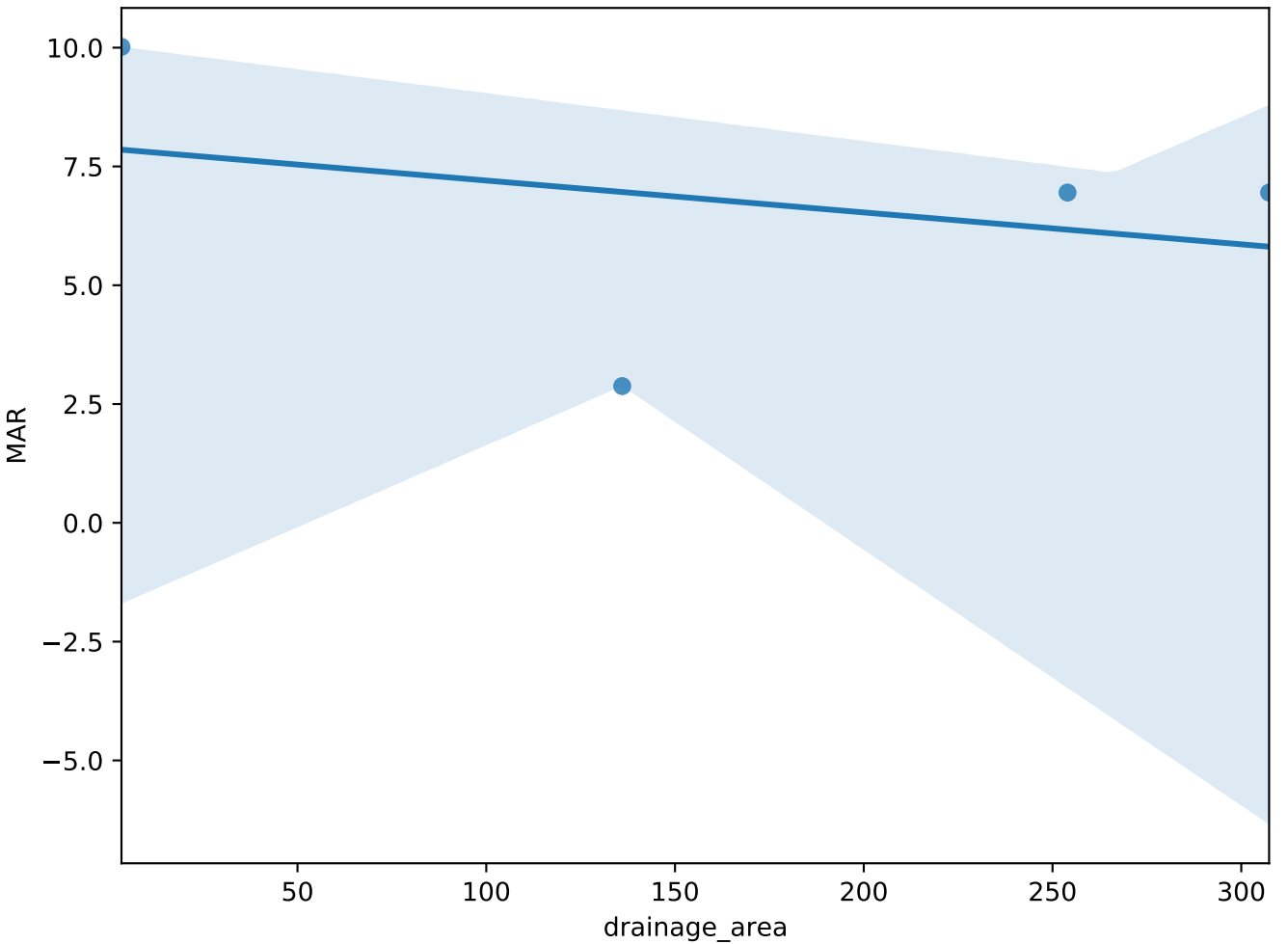
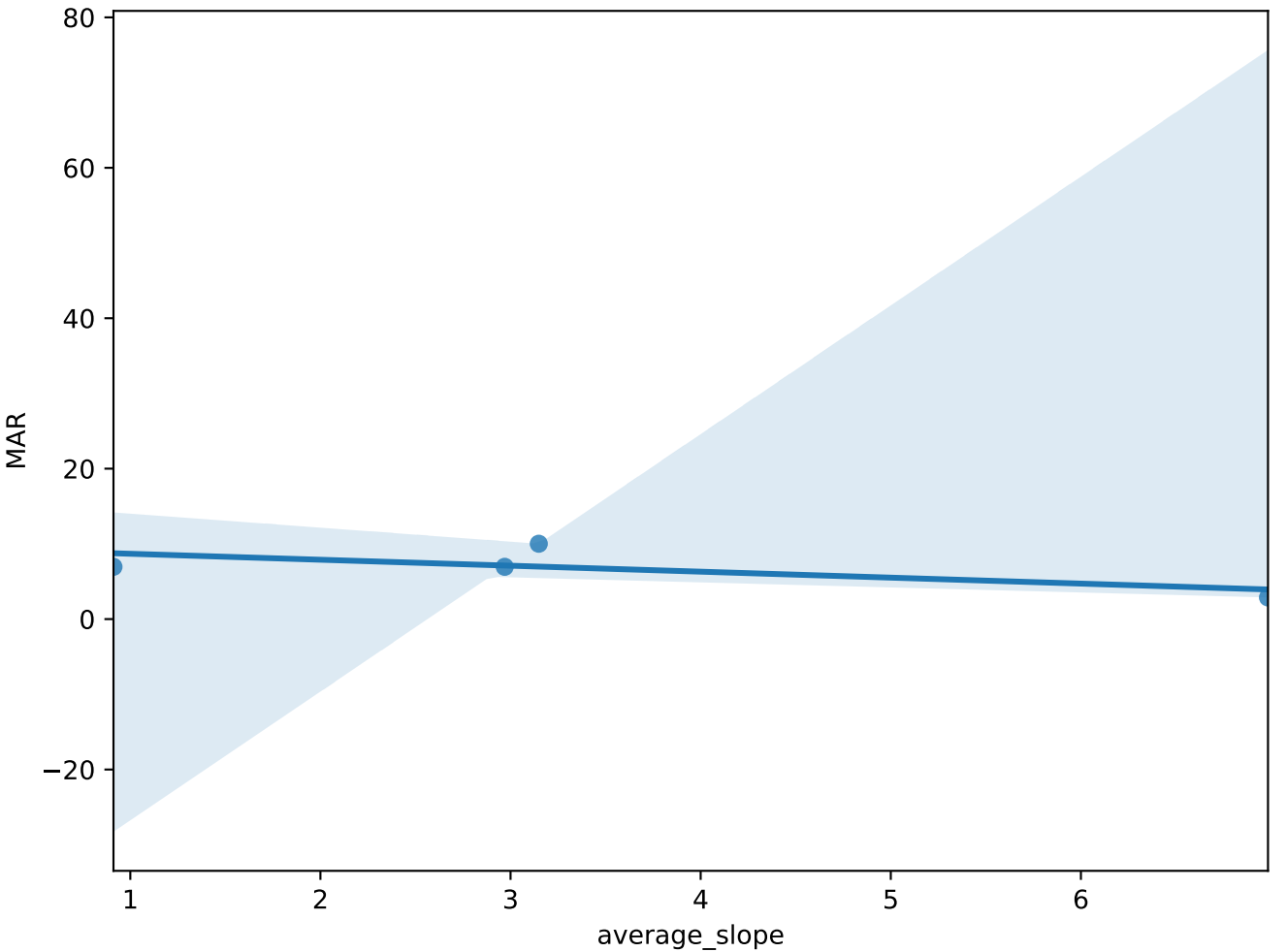
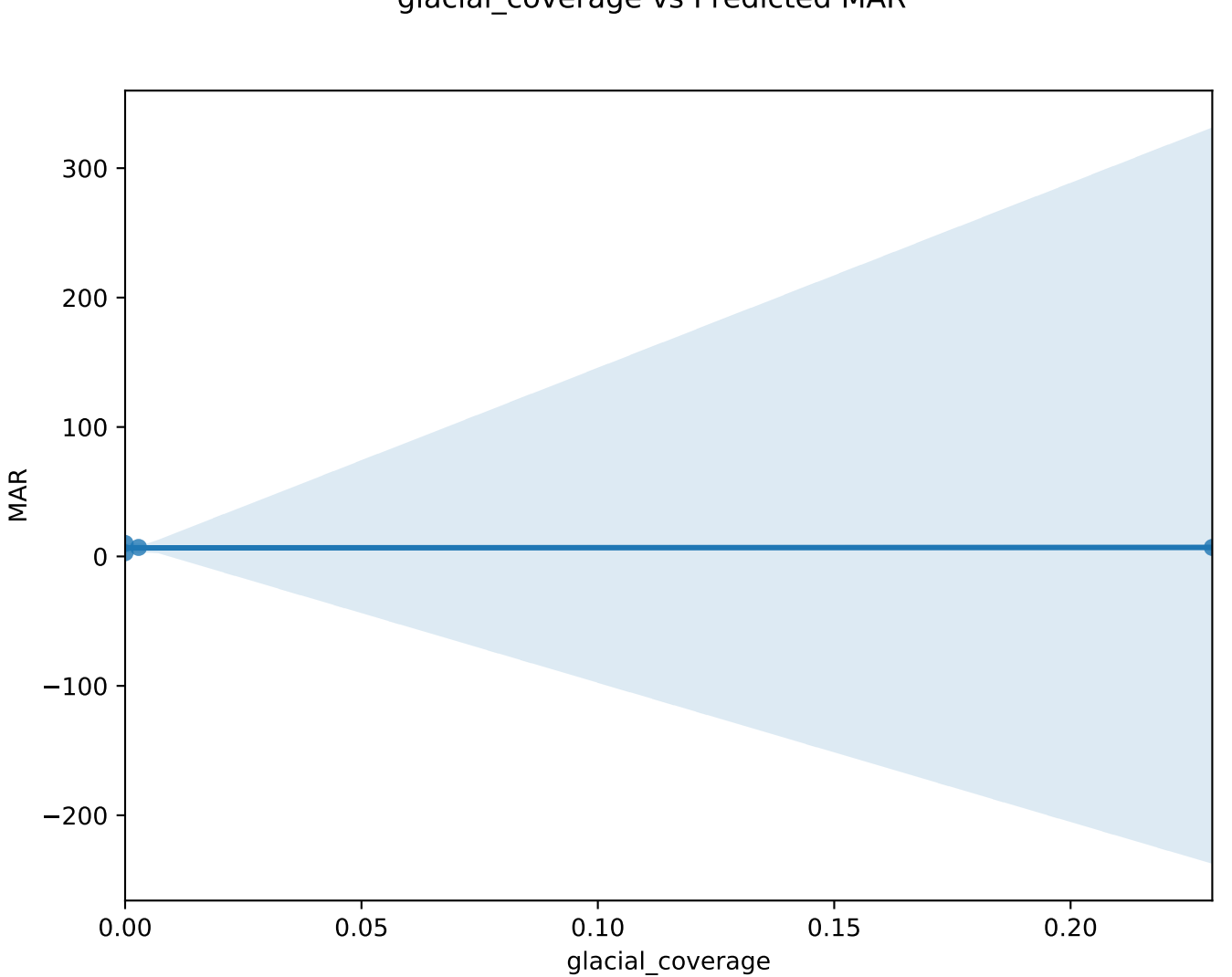
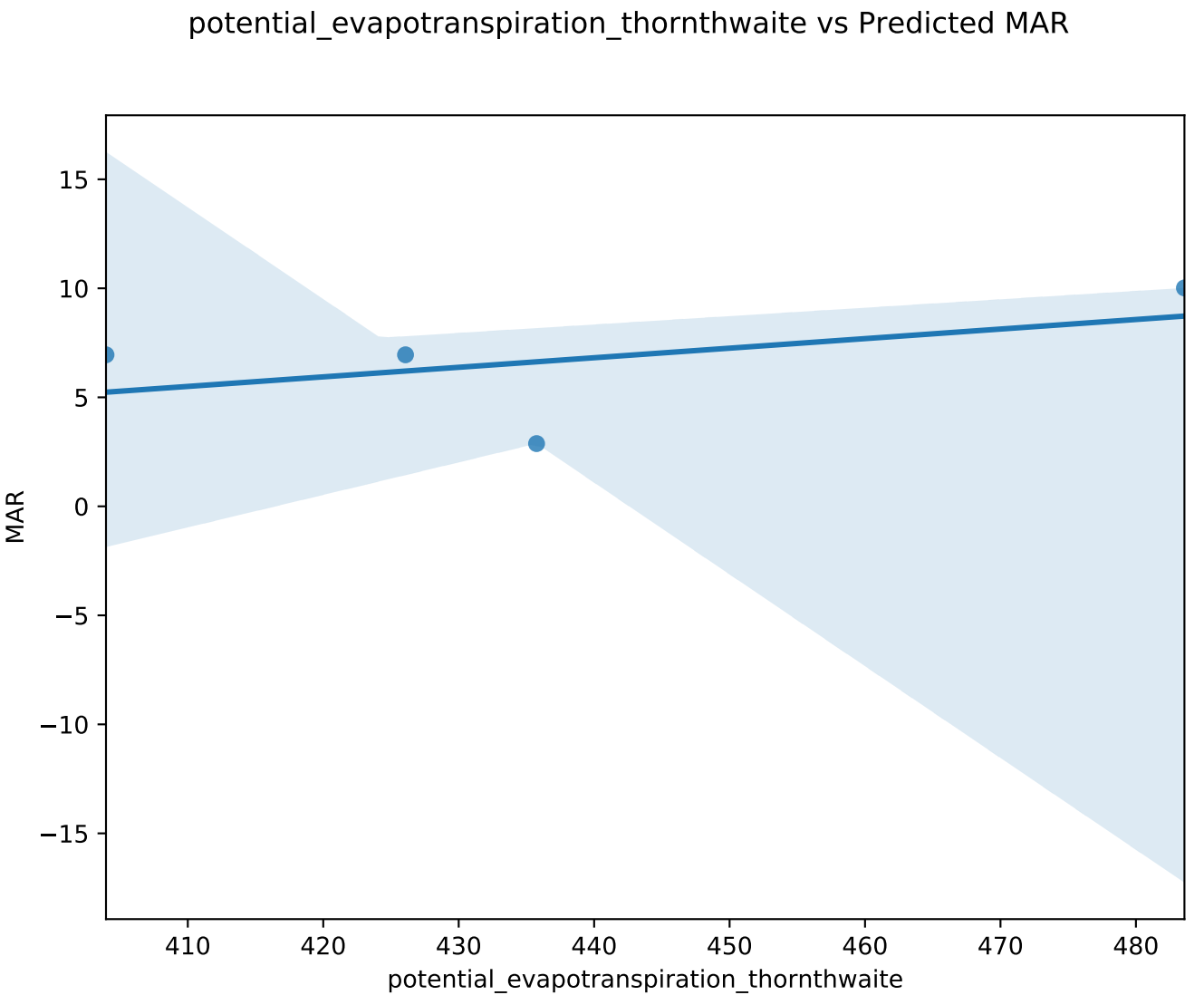
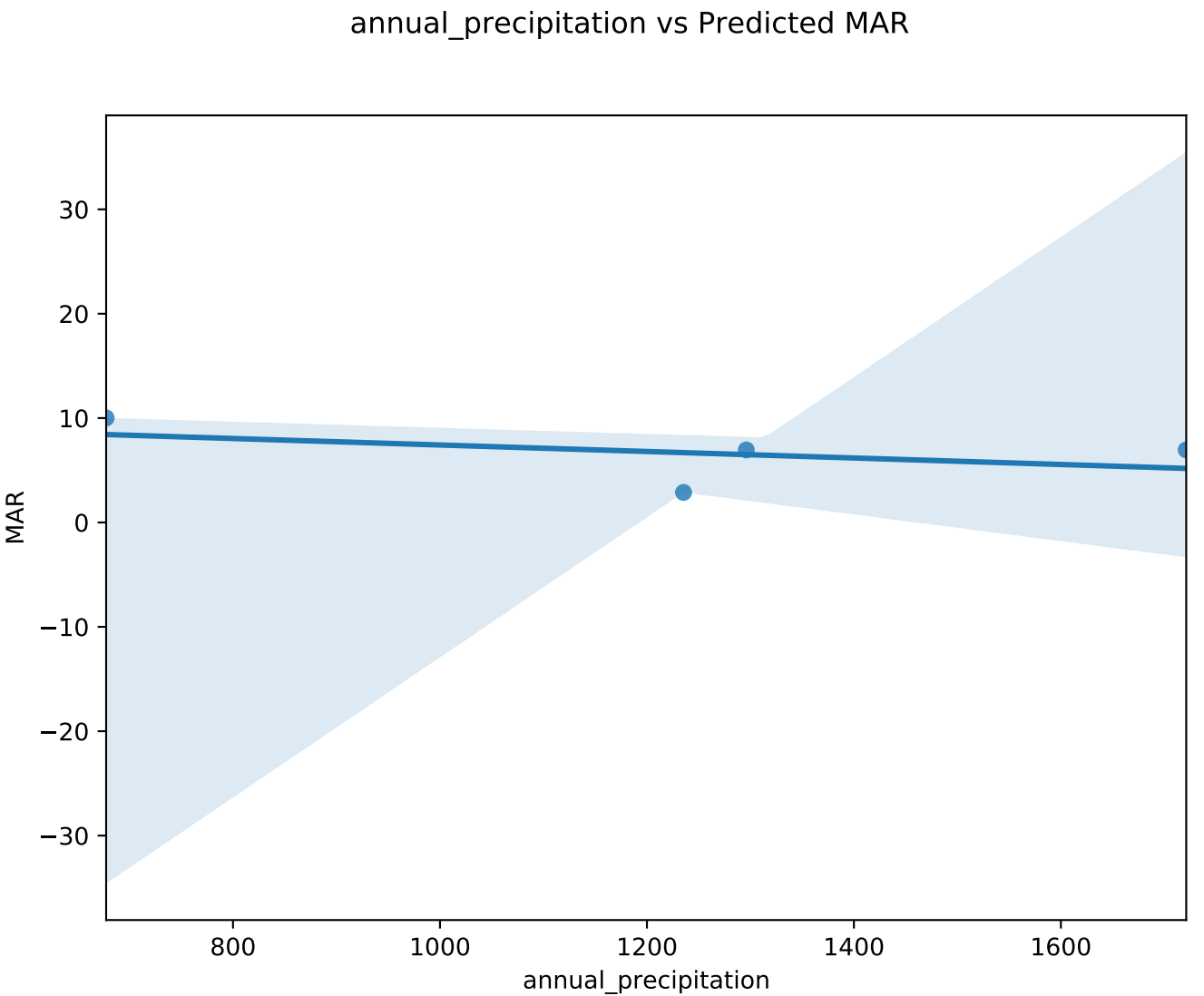

Predicted MAR vs Real MAR
Real MAR
Pred MAR
0
5
10
15
20
0
2
4
6
8
10
12

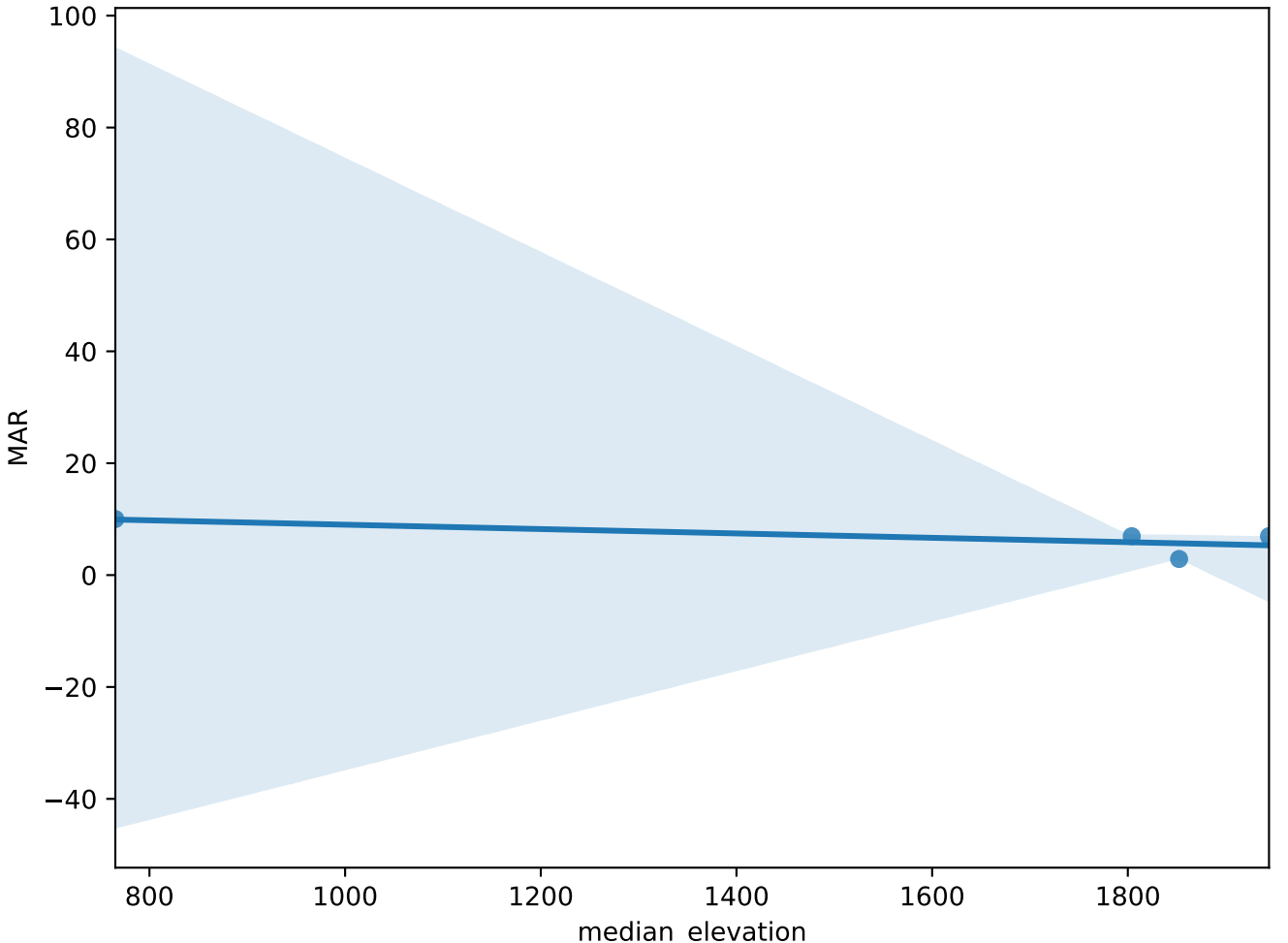

drainage_area vs Predicted MAR
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
MAR
50
100
150
200
250
300
drainage_area

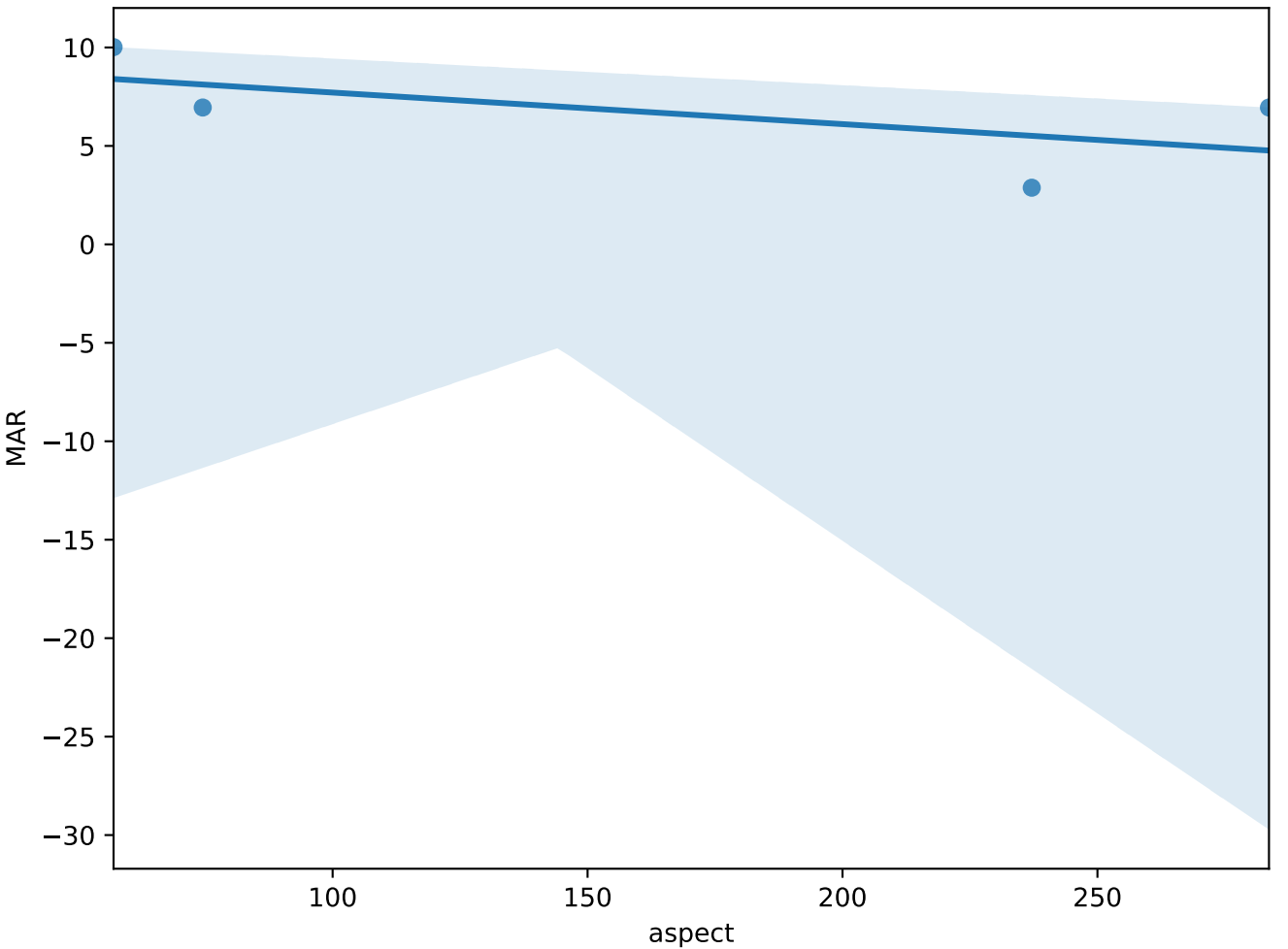

average_slope vs Predicted MAR
80
60
40
20
0
−20
MAR
1
2
3
4
5
6
average_slope

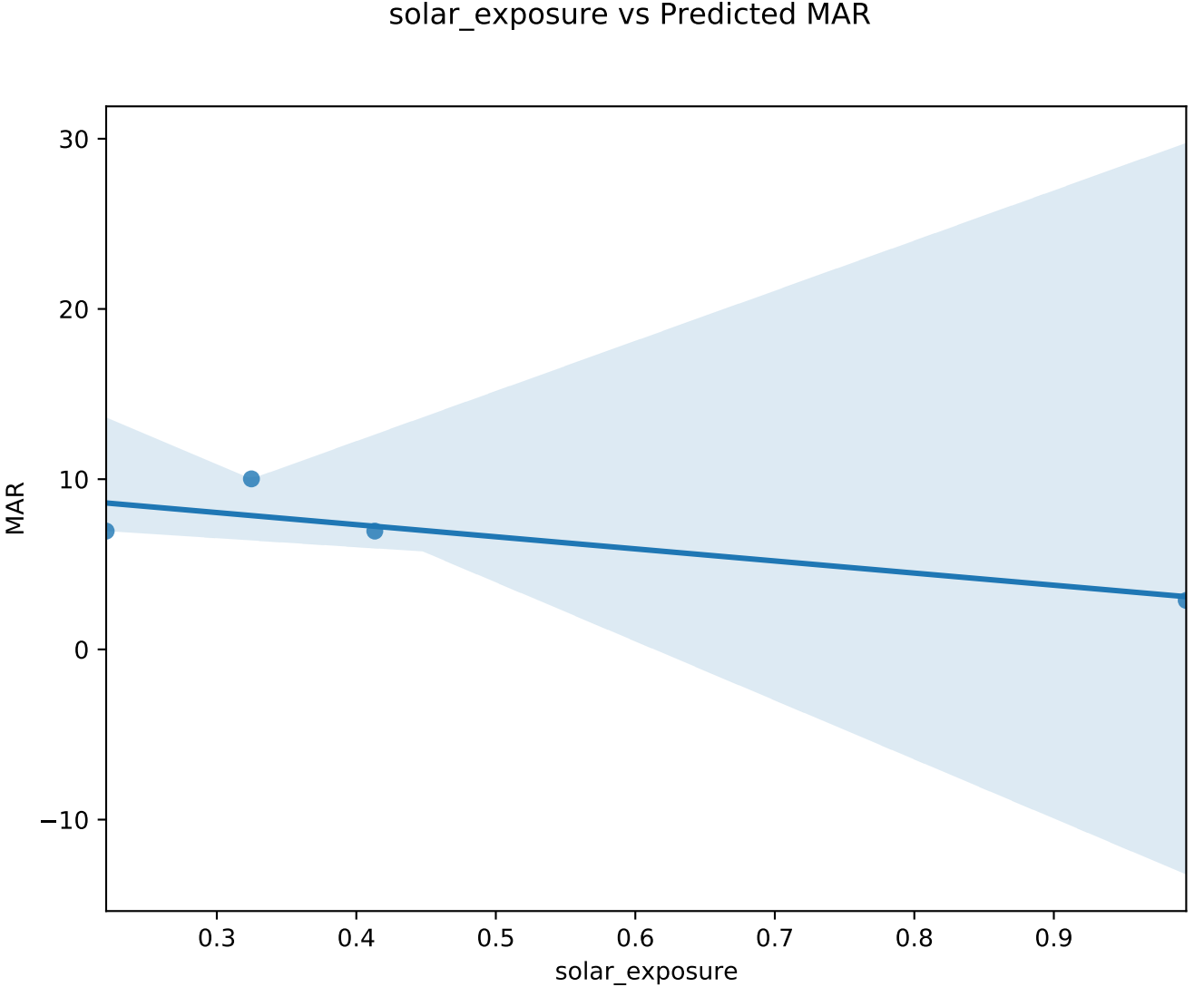

glacial_coverage vs Predicted MAR
300
200
100
0
−100
−200
MAR
0.00
0.05
0.10
0.15
0.20
glacial_coverage

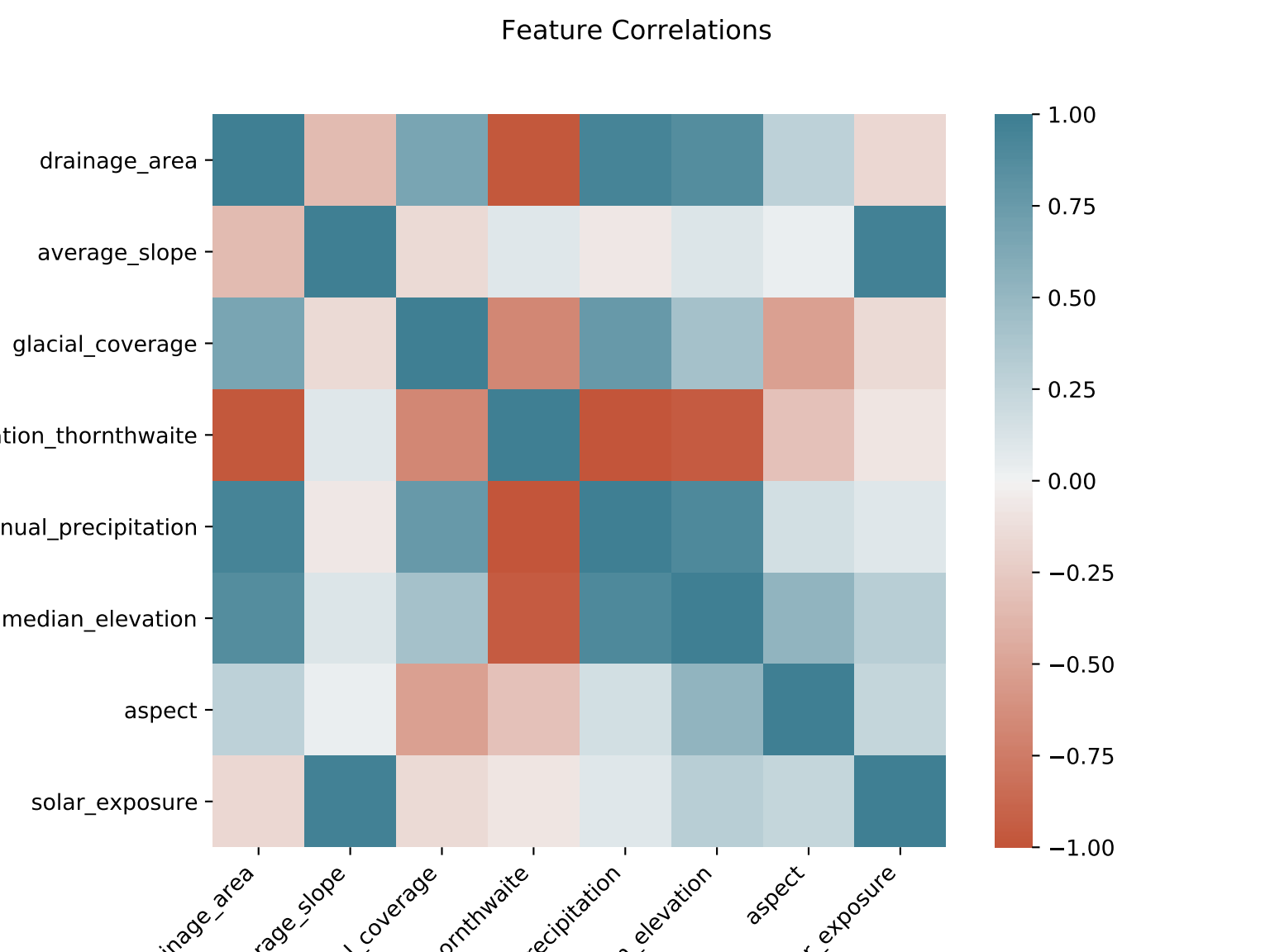

potential_evapotranspiration_thornthwaite vs Predicted MAR
MAR
potential_evapotranspiration_thornthwaite
15
10
5
0
−5
−10
−15
410
420
430
440
450
460
470
480

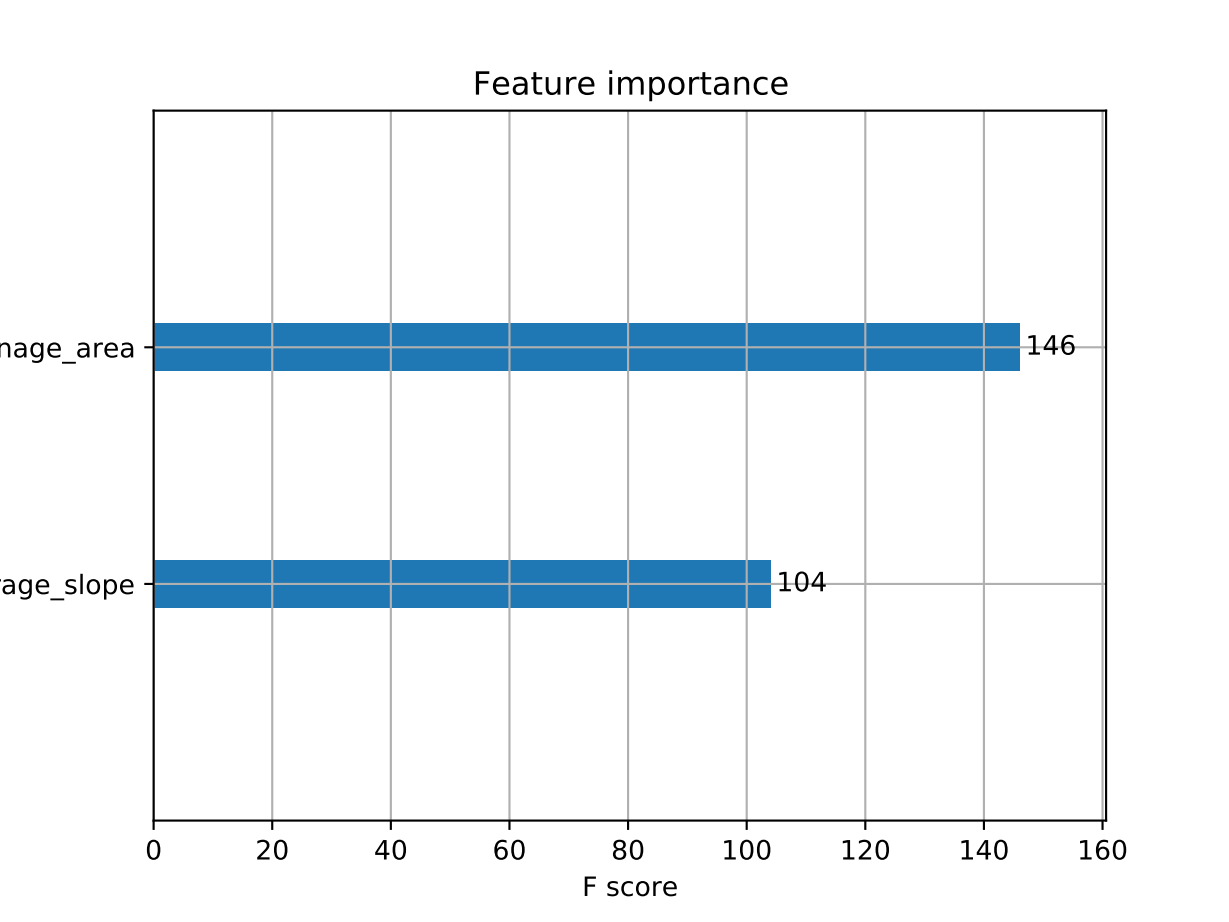
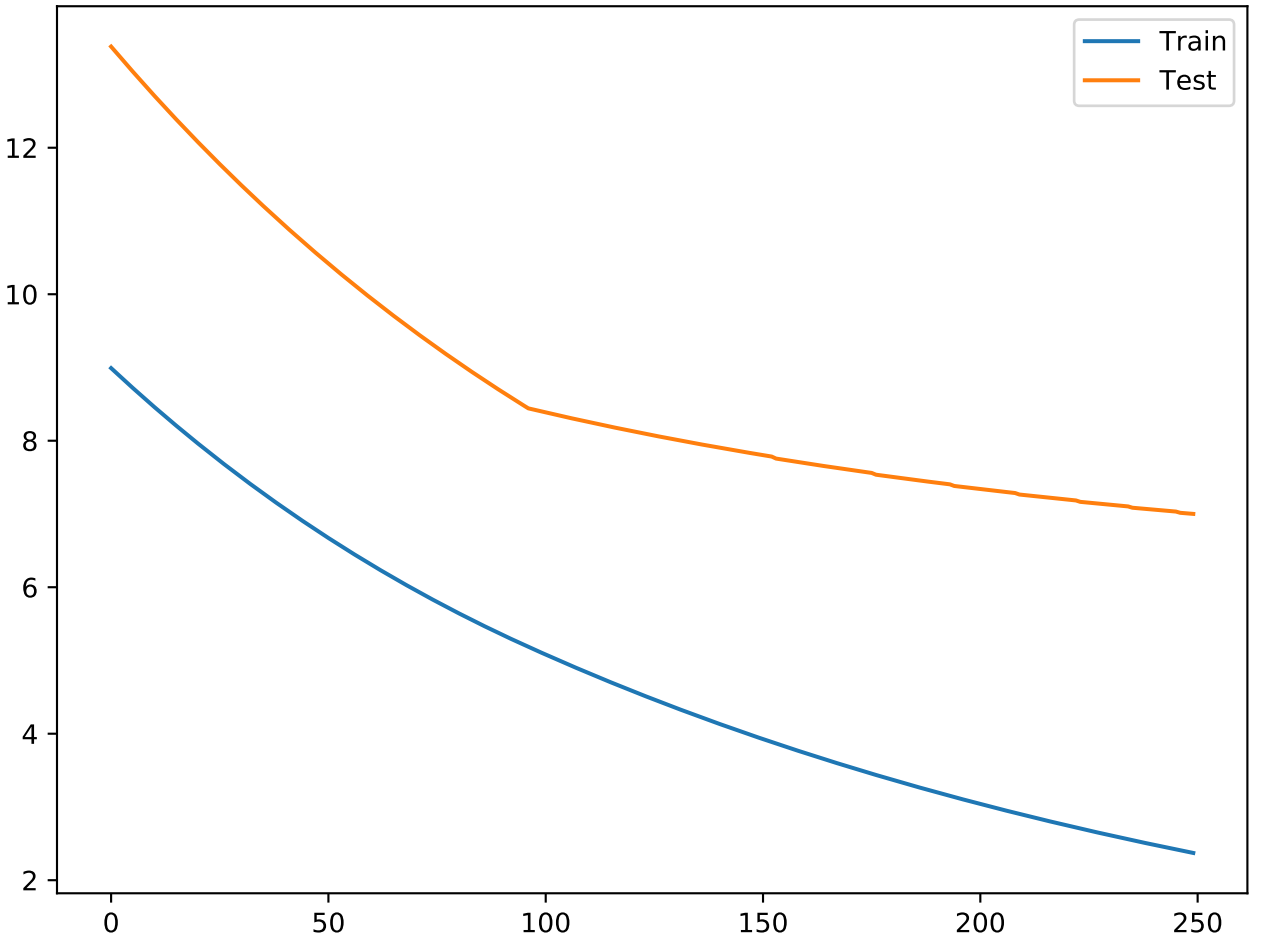

annual_precipitation vs Predicted MAR
MAR
30
20
10
0
−10
−20
−30
800
1000
1200
1400
1600
annual_precipitation


median_elevation vs Predicted MAR
MAR
median_elevation
100
80
60
40
20
0
−20
−40
800
1000
1200
1400
1600
1800


aspect vs Predicted MAR
10
5
0
−5
−10
−15
−20
−25
−30
MAR
100
150
200
250
aspect


solar_exposure vs Predicted MAR
MAR
30
20
10
0
−10
0.3
0.4
0.5
0.6
0.7
0.8
0.9
solar_exposure


Feature Correlations
drainage_area
average_slope
glacial_coverage
tion_thornthwaite
nual_precipitation
median_elevation
aspect
solar_exposure
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00


Feature importance
nage_area
146
rage_slope
104
0
20
40
60
80
100
120
140
160
F score

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