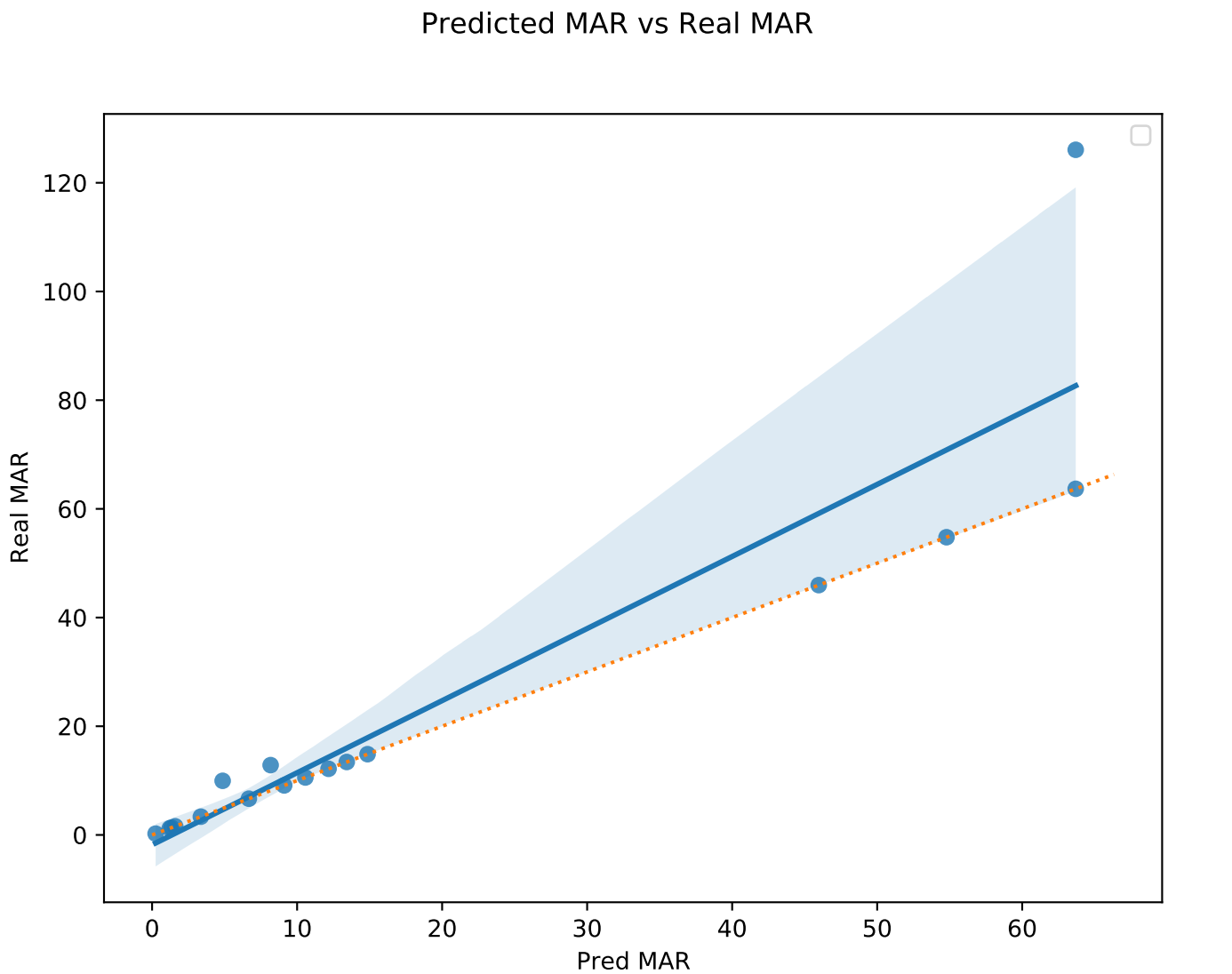
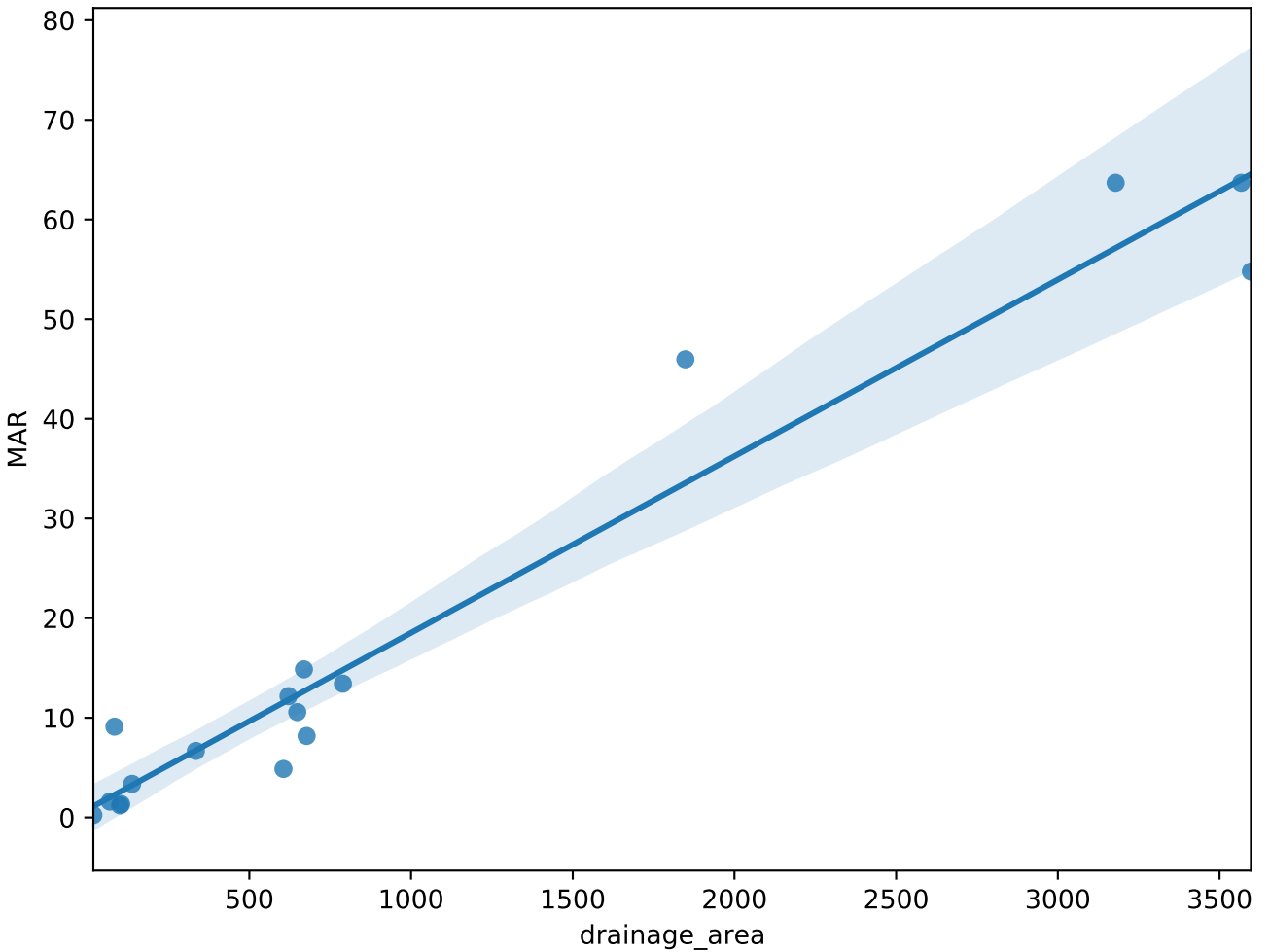
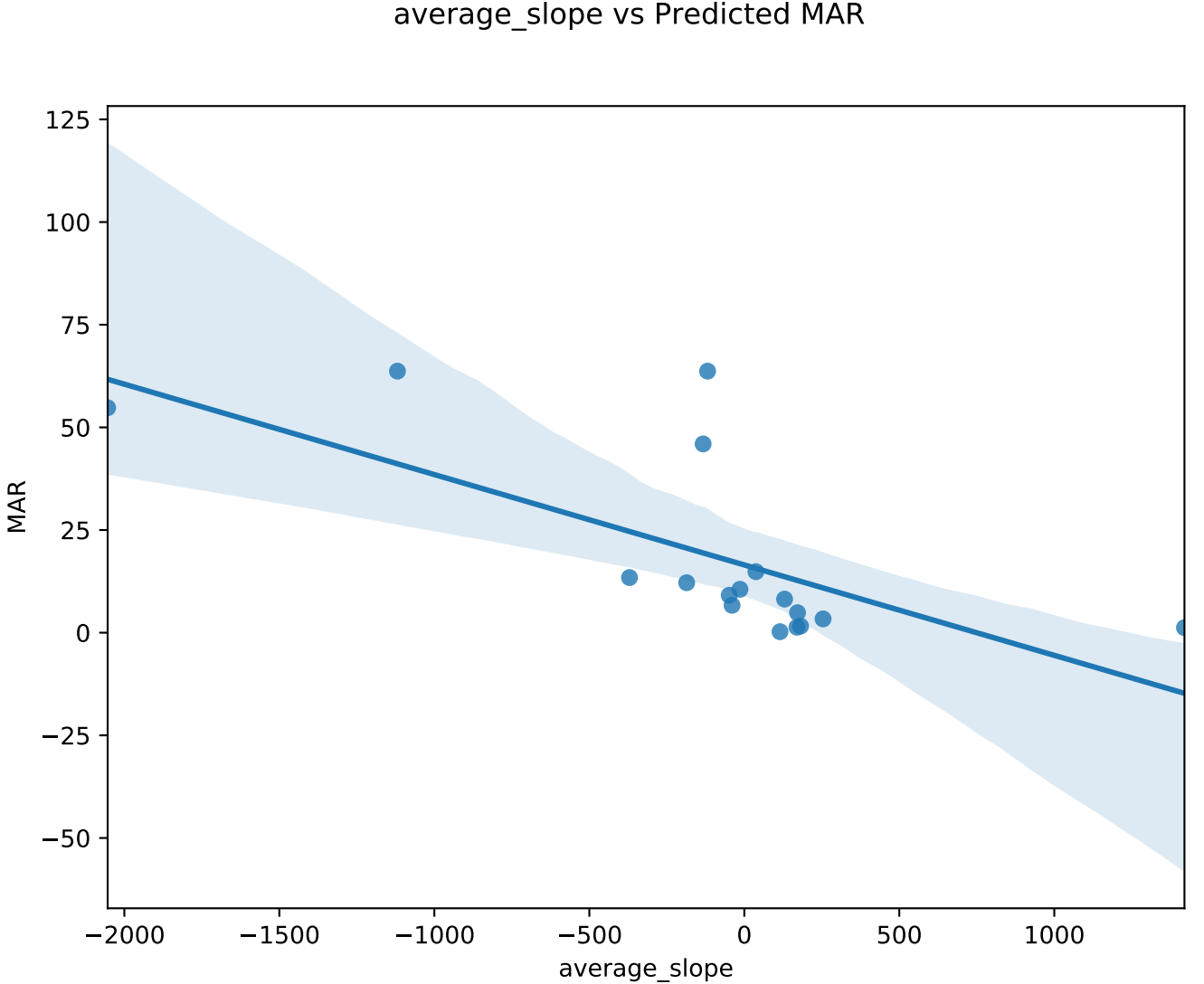
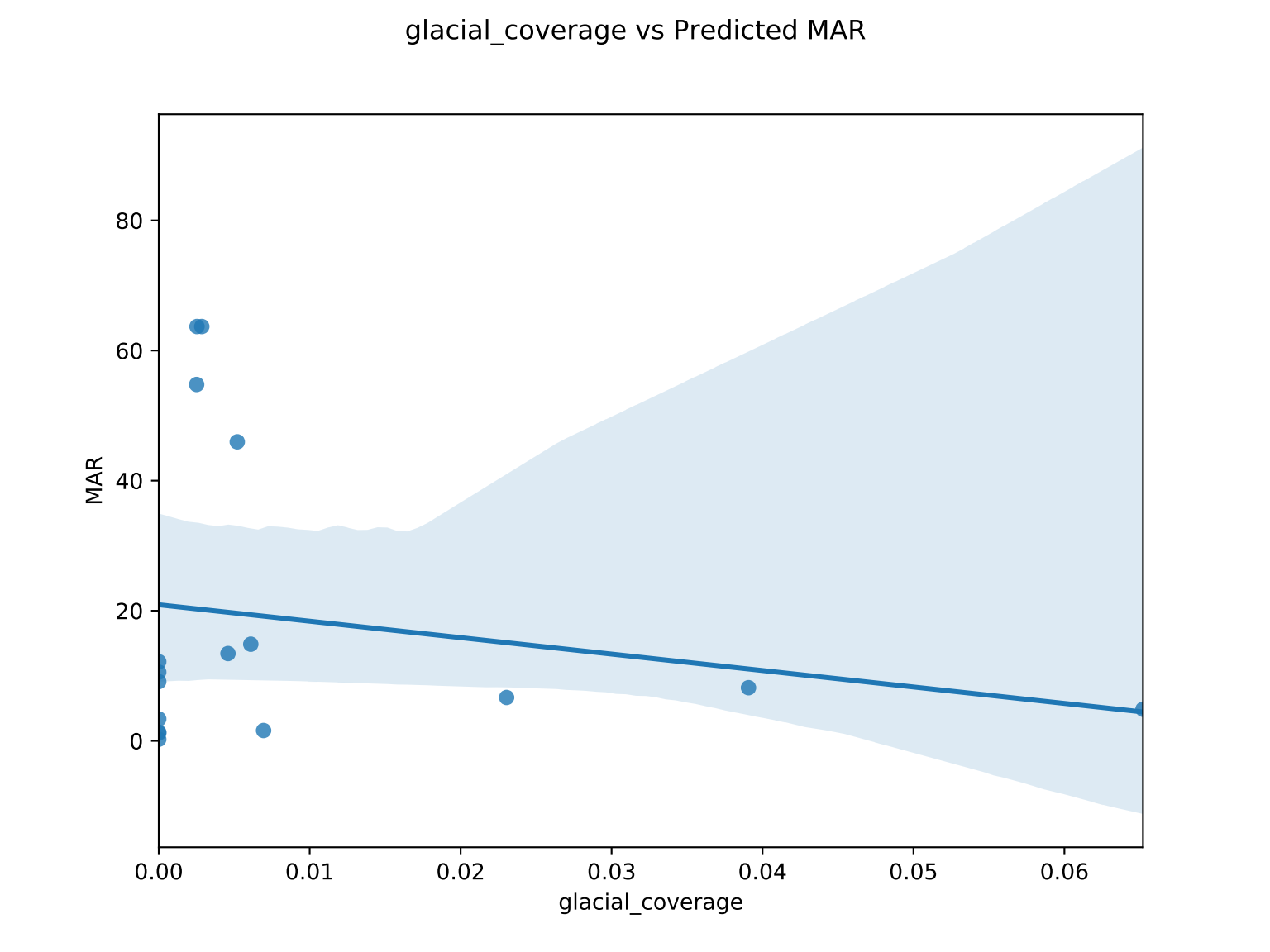
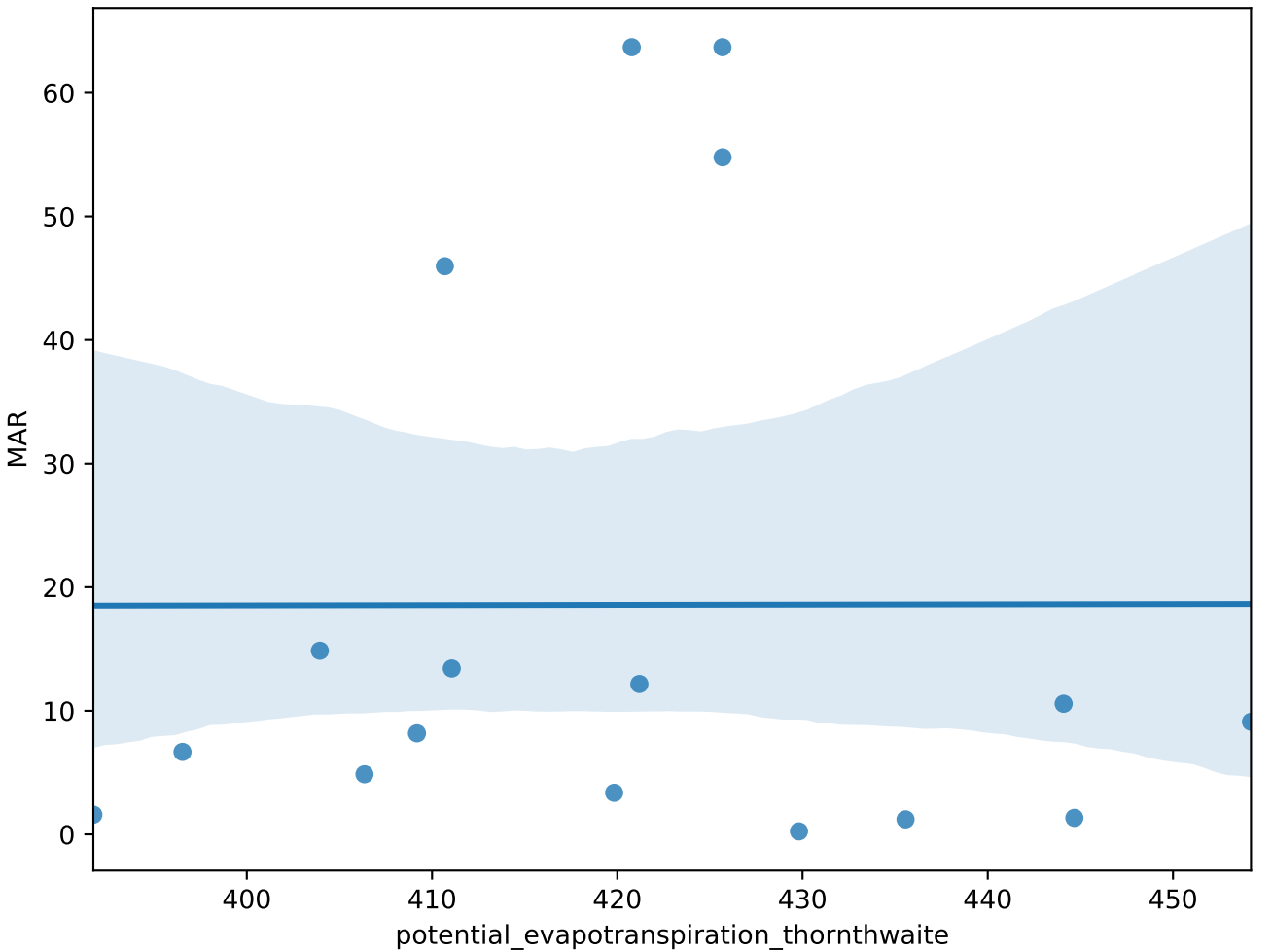
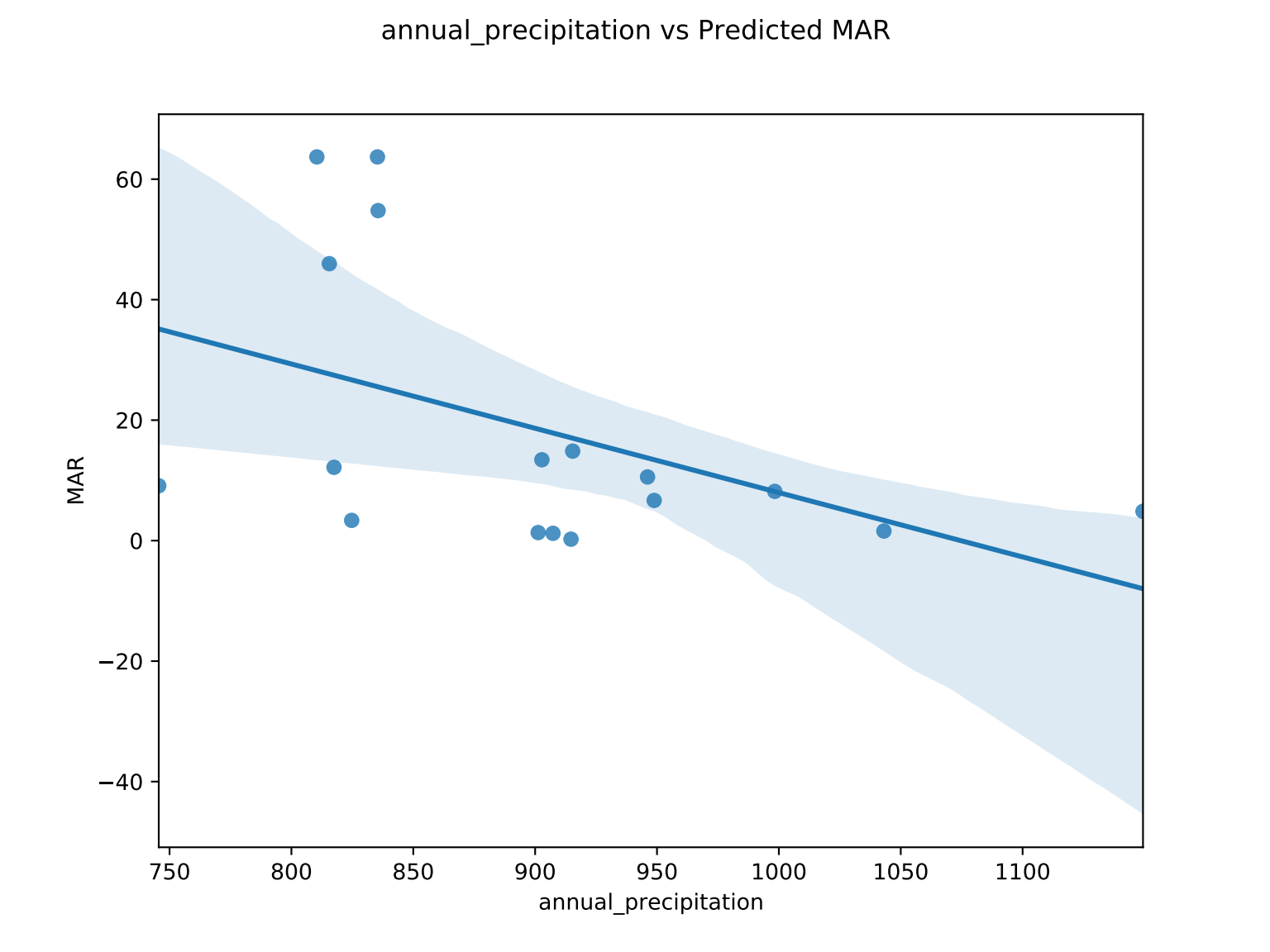

Predicted MAR vs Real MAR
Real MAR
Pred MAR
0
20
40
60
80
100
120
0
10
20
30
40
50
60

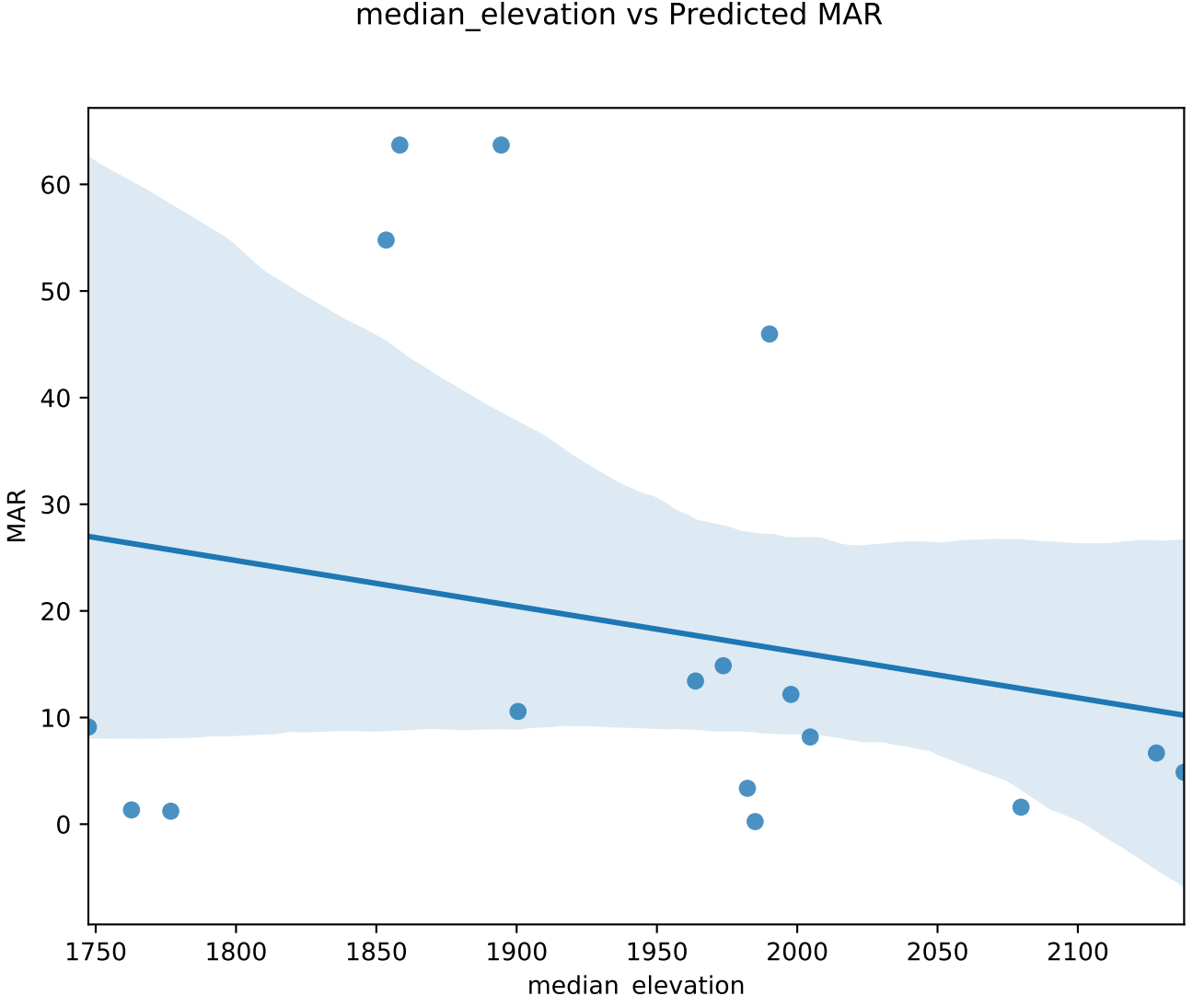

drainage_area vs Predicted MAR
MAR
drainage_area
0
10
20
30
40
50
60
70
80
500
1000
1500
2000
2500
3000
3500

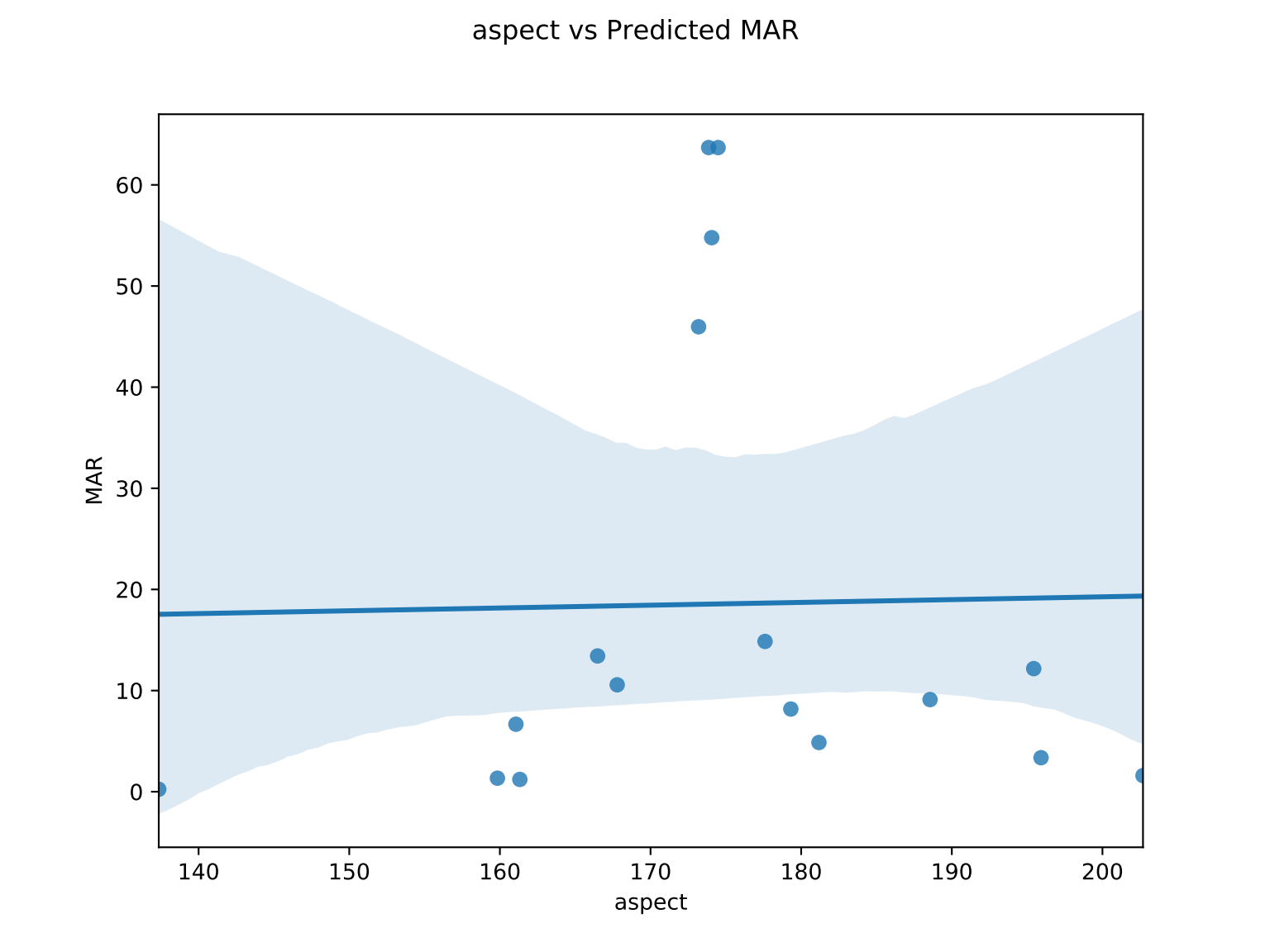

average_slope vs Predicted MAR
MAR
125
100
75
50
25
0
−25
−50
−2000
−1500
−1000
−500
0
500
1000
average_slope

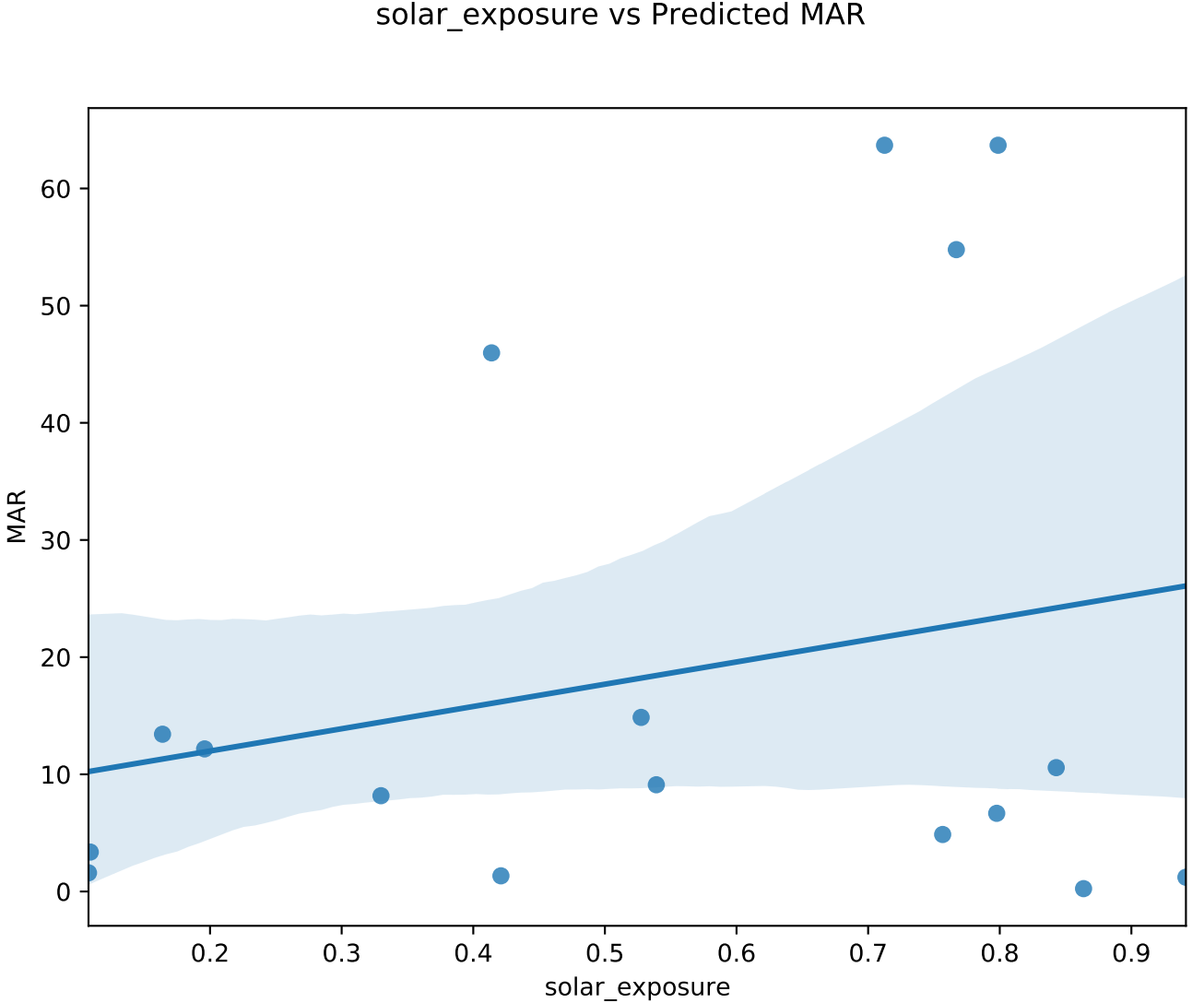

glacial_coverage vs Predicted MAR
MAR
80
60
40
20
0
0.00
0.01
0.02
0.03
0.04
0.05
0.06
glacial_coverage

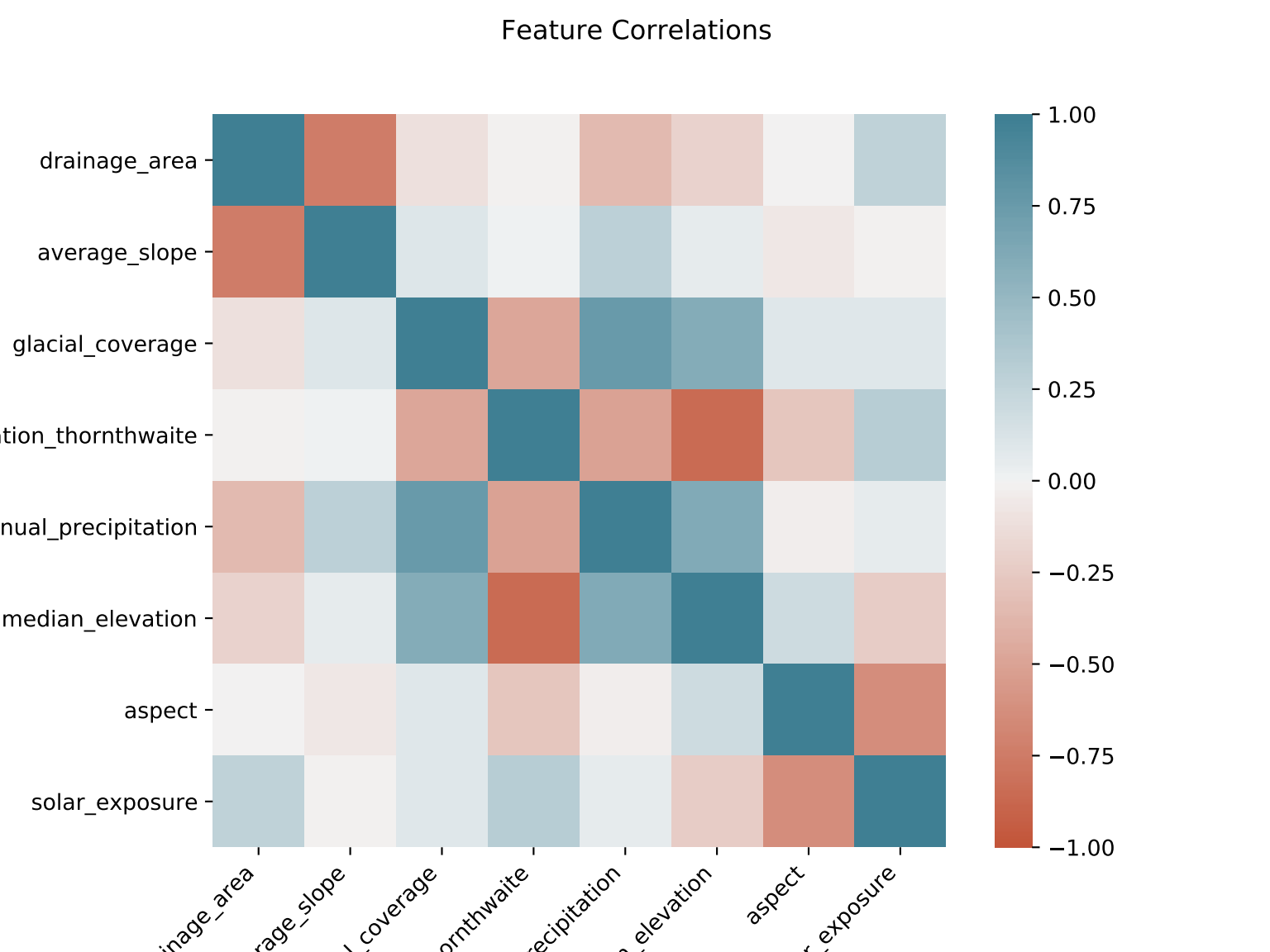

potential_evapotranspiration_thornthwaite vs Predicted MAR
MAR
potential_evapotranspiration_thornthwaite
0
10
20
30
40
50
60
400
410
420
430
440
450

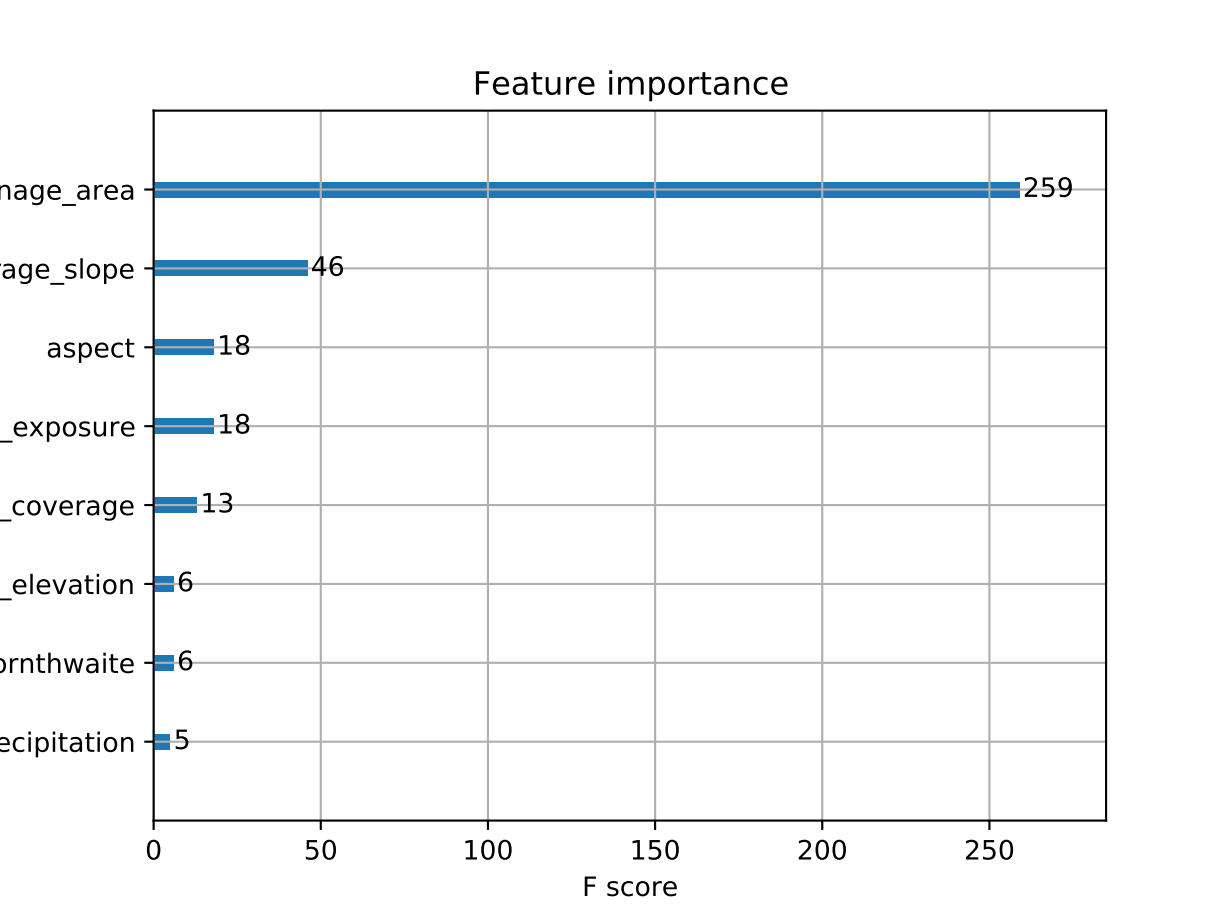
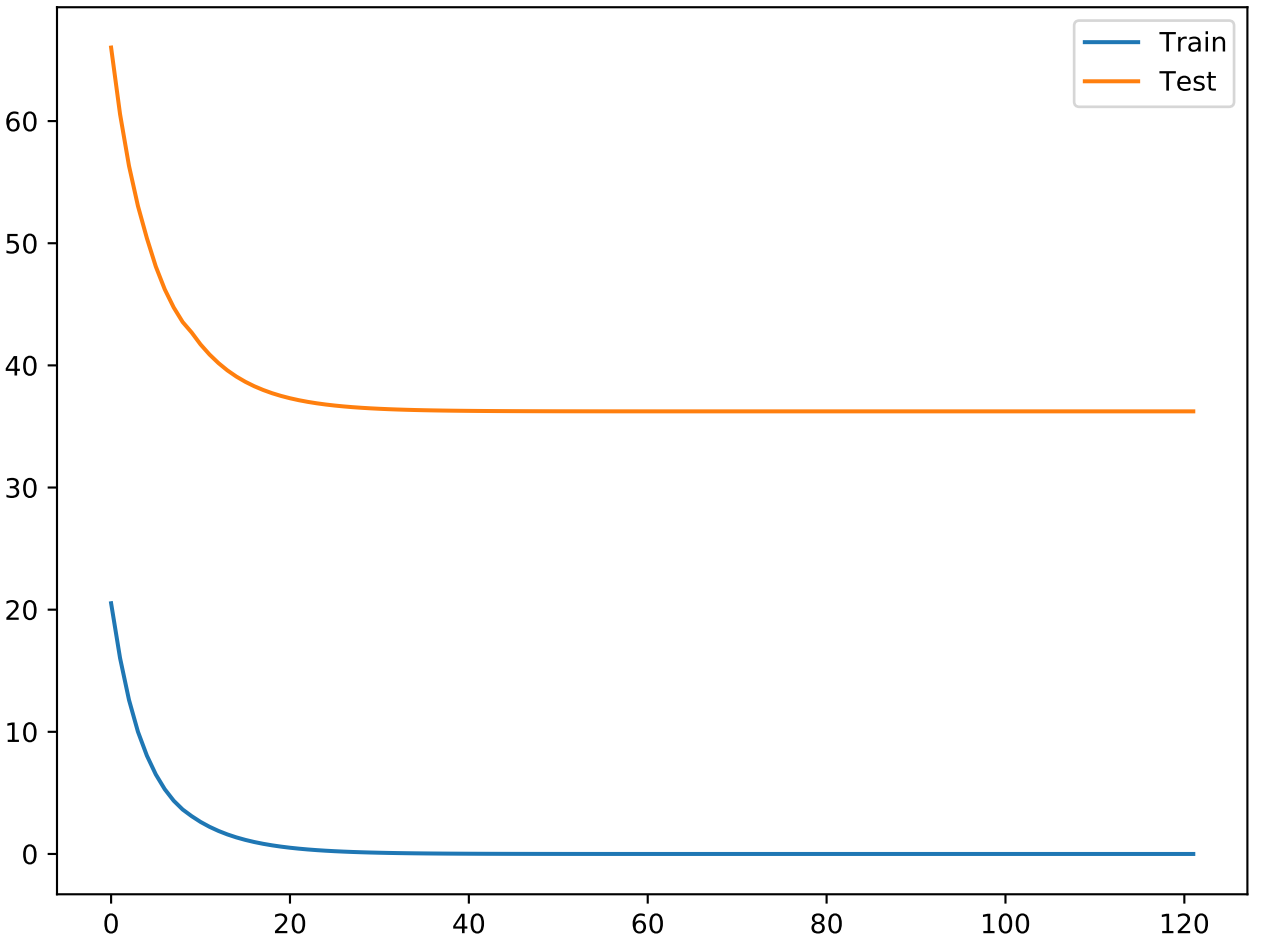

annual_precipitation vs Predicted MAR
MAR
60
40
20
0
−20
−40
750
800
850
900
950
1000
1050
1100
annual_precipitation


median_elevation vs Predicted MAR
MAR
median_elevation
60
50
40
30
20
10
0
1750
1800
1850
1900
1950
2000
2050
2100


aspect vs Predicted MAR
MAR
aspect
0
10
20
30
40
50
60
140
150
160
170
180
190
200


solar_exposure vs Predicted MAR
MAR
solar_exposure
0
10
20
30
40
50
60
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9


Feature Correlations
drainage_area
average_slope
glacial_coverage
tion_thornthwaite
nual_precipitation
median_elevation
aspect
solar_exposure
inage_area
rage_slope
l coverage
ornthwaite
ecipitation
elevation
aspect
exposure
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00


Feature importance
nage_area
259
rage_slope
46
aspect
18
_exposure
18
_coverage
13
_elevation
6
ornthwaite
6
ecipitation
5
0
50
100
150
200
250
F score

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