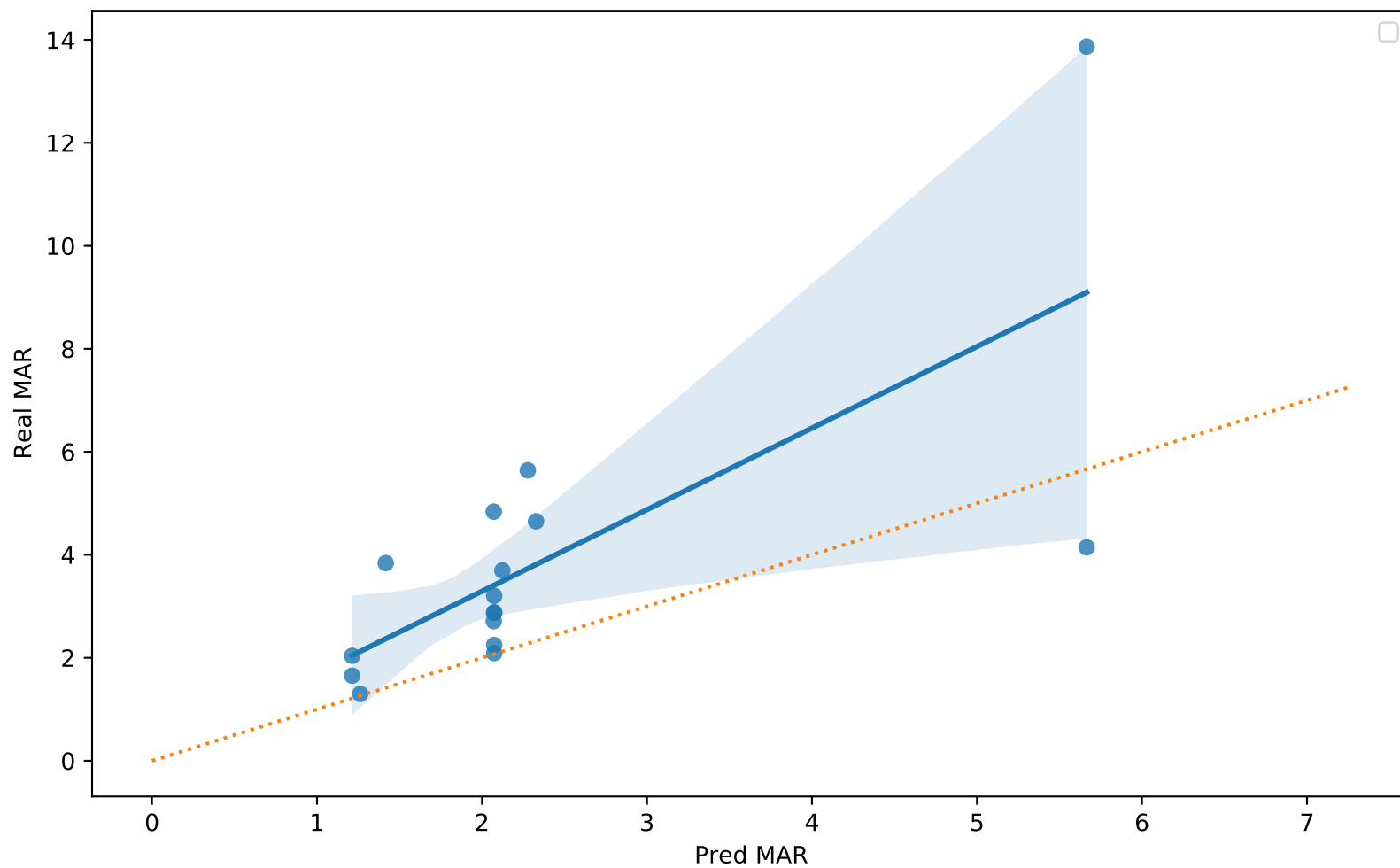


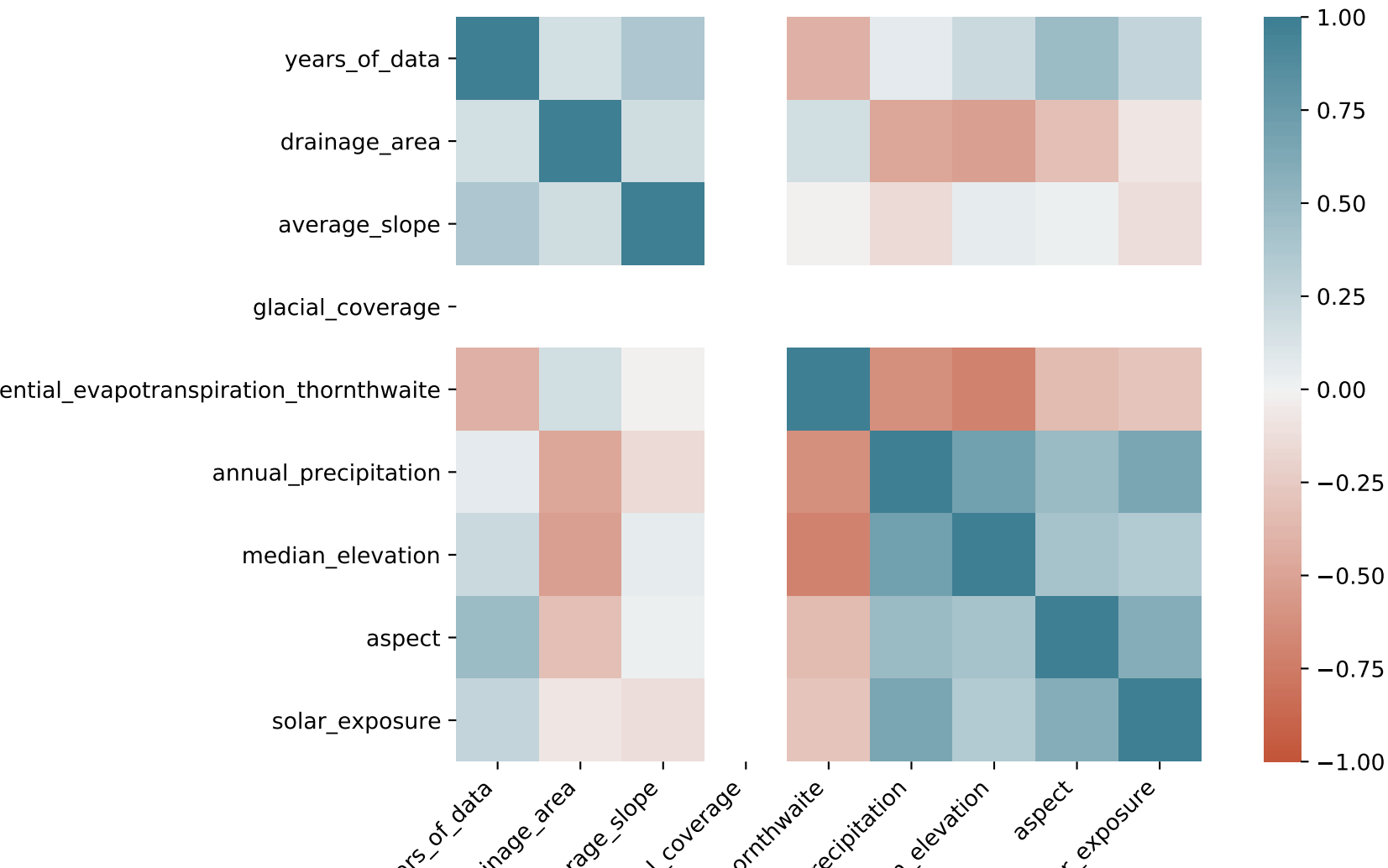
Predicted MAR vs Real MAR

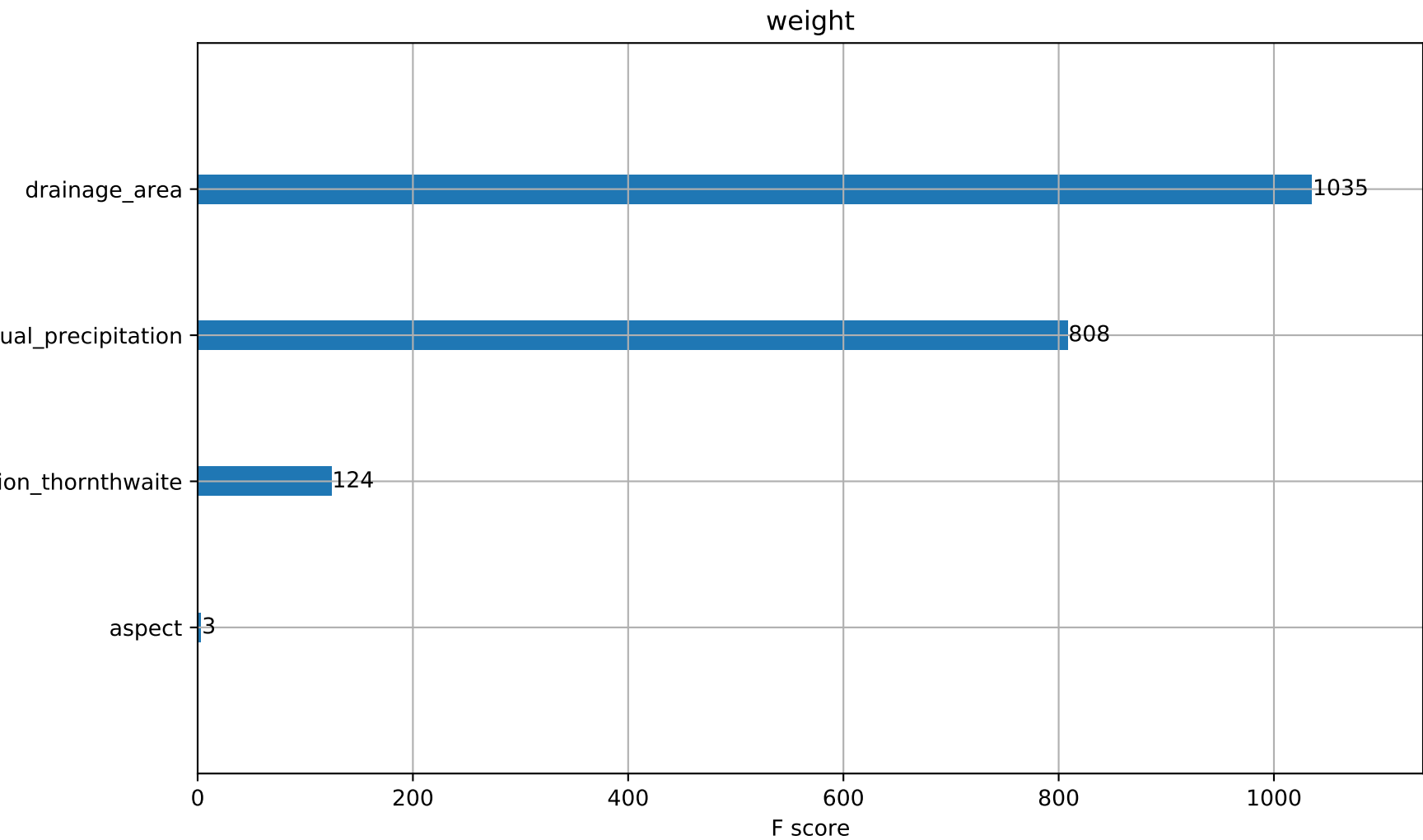


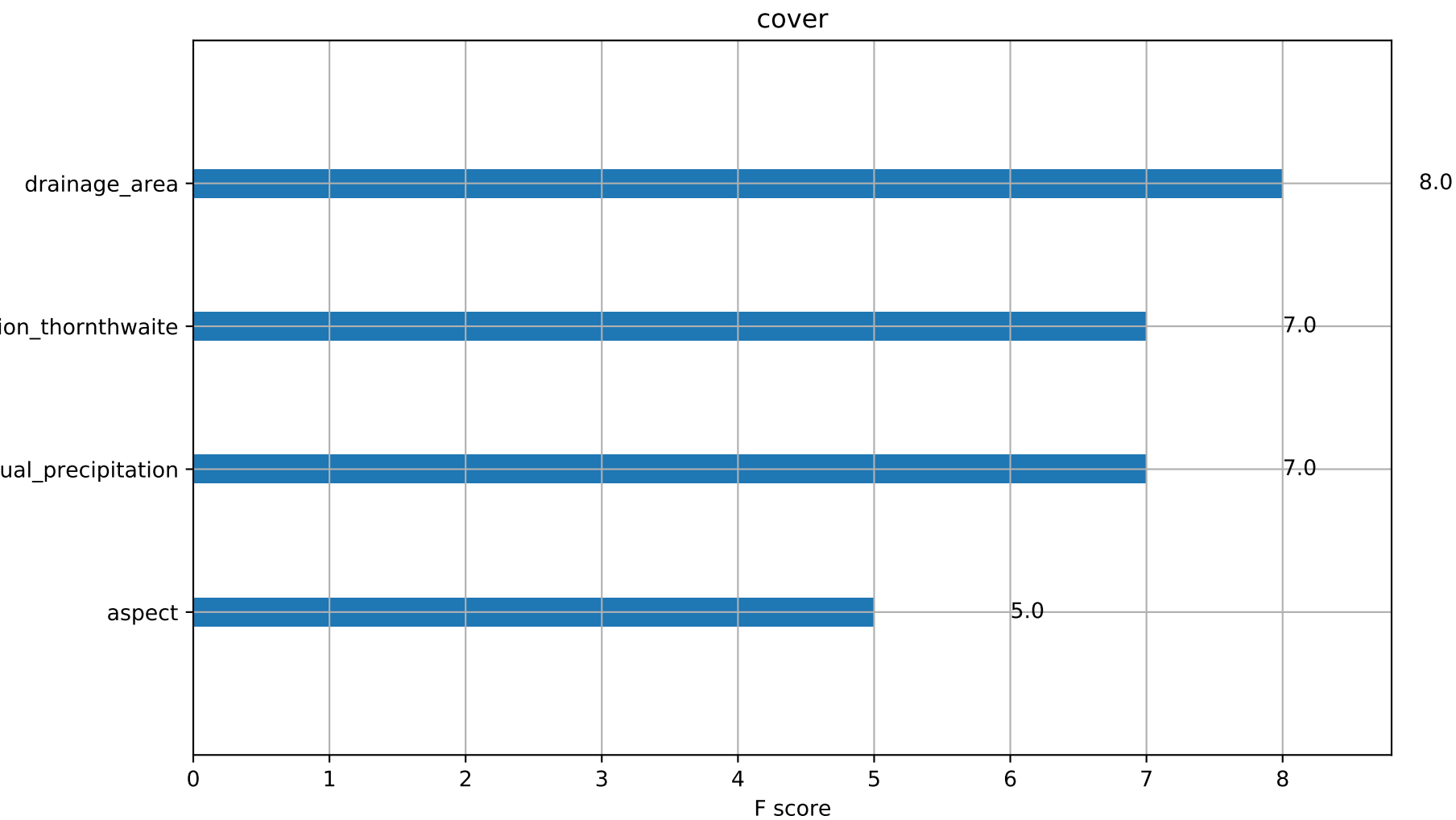
Feature Correlations

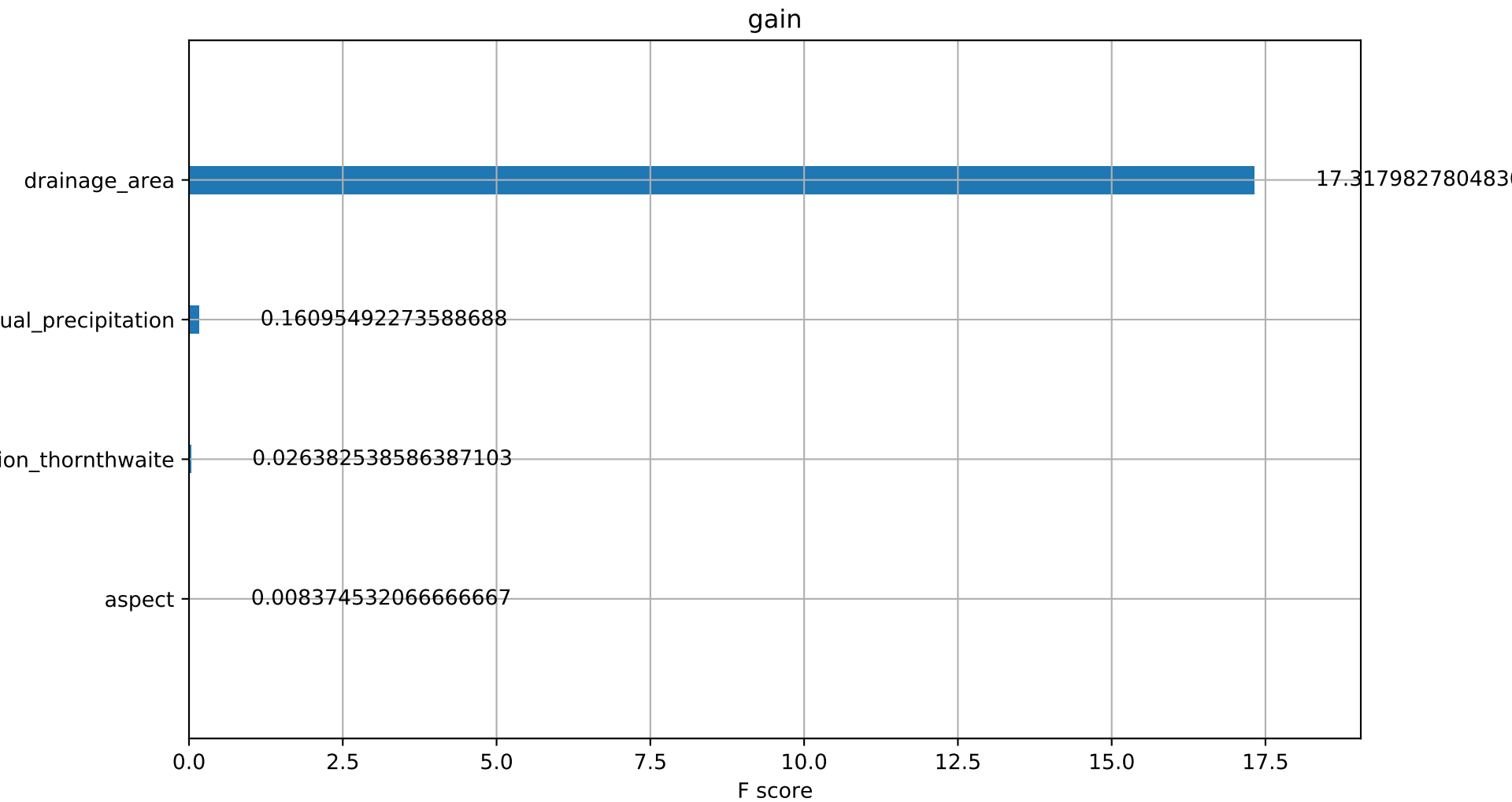
The heatmap displays the correlation coefficients between the following features: years_of_data, drainage_area, average_slope, glacial_coverage, potential_evapotranspiration_thornthwaite, annual_precipitation, median_elevation, aspect, and solar_exposure. The diagonal elements are all 1.00. The strongest negative correlations are between years_of_data and drainage_area, and between drainage_area and average_slope. The strongest positive correlations are between years_of_data and average_slope, and between potential_evapotranspiration_thornthwaite and annual_precipitation.

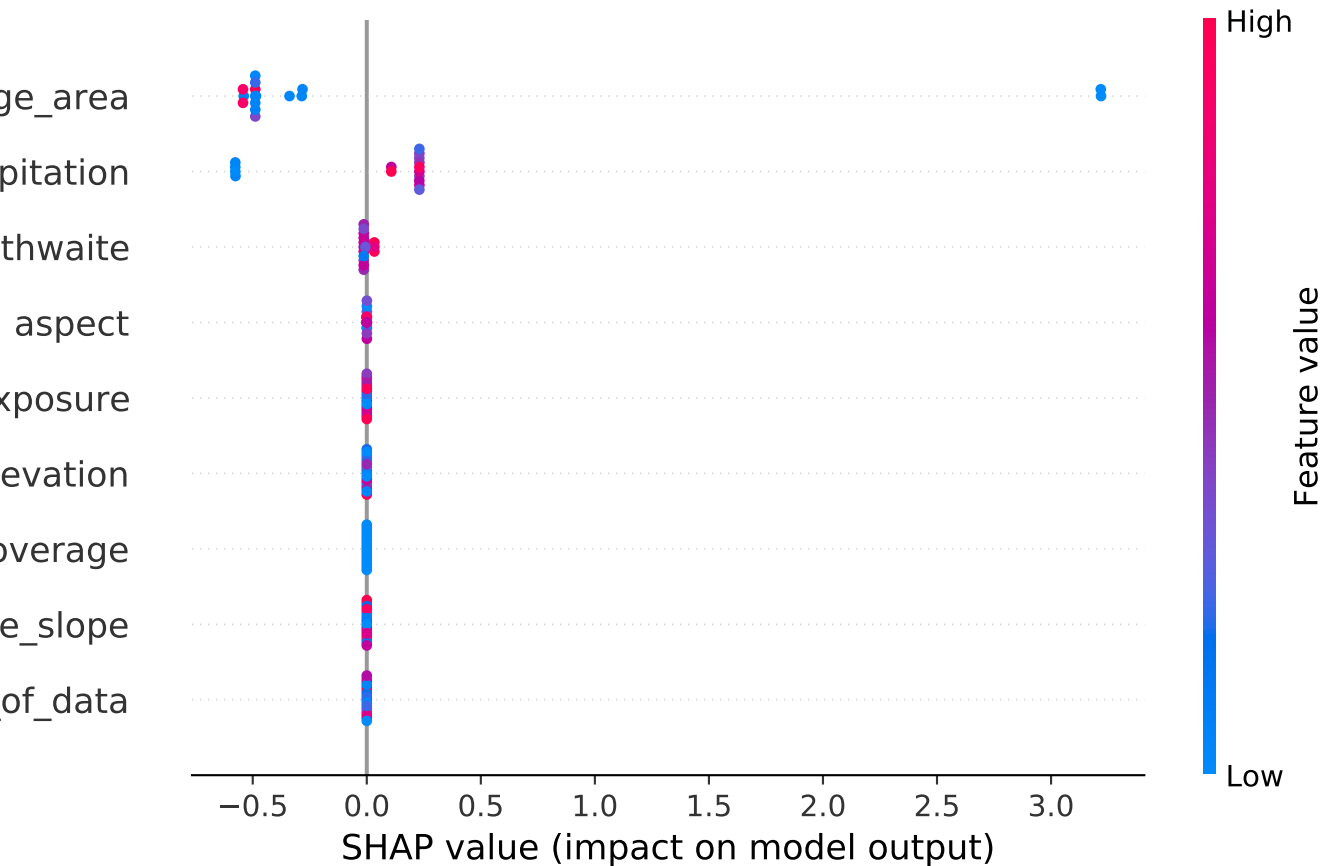
	years_of_data	drainage_area	average_slope	glacial_coverage	potential_evapotranspiration_thornthwaite	annual_precipitation	median_elevation	aspect	solar_exposure
years_of_data	1.00	-0.85	0.85	0.00	-0.50	-0.50	-0.50	-0.50	-0.50
drainage_area	-0.85	1.00	-0.85	0.00	-0.50	-0.50	-0.50	-0.50	-0.50
average_slope	0.85	-0.85	1.00	0.00	-0.50	-0.50	-0.50	-0.50	-0.50
glacial_coverage	0.00	0.00	0.00	1.00	-0.50	-0.50	-0.50	-0.50	-0.50
potential_evapotranspiration_thornthwaite	-0.50	-0.50	-0.50	-0.50	1.00	0.85	0.85	0.85	0.85
annual_precipitation	-0.50	-0.50	-0.50	-0.50	0.85	1.00	0.85	0.85	0.85
median_elevation	-0.50	-0.50	-0.50	-0.50	0.85	0.85	1.00	0.85	0.85
aspect	-0.50	-0.50	-0.50	-0.50	0.85	0.85	0.85	1.00	0.85
solar_exposure	-0.50	-0.50	-0.50	-0.50	0.85	0.85	0.85	0.85	1.00



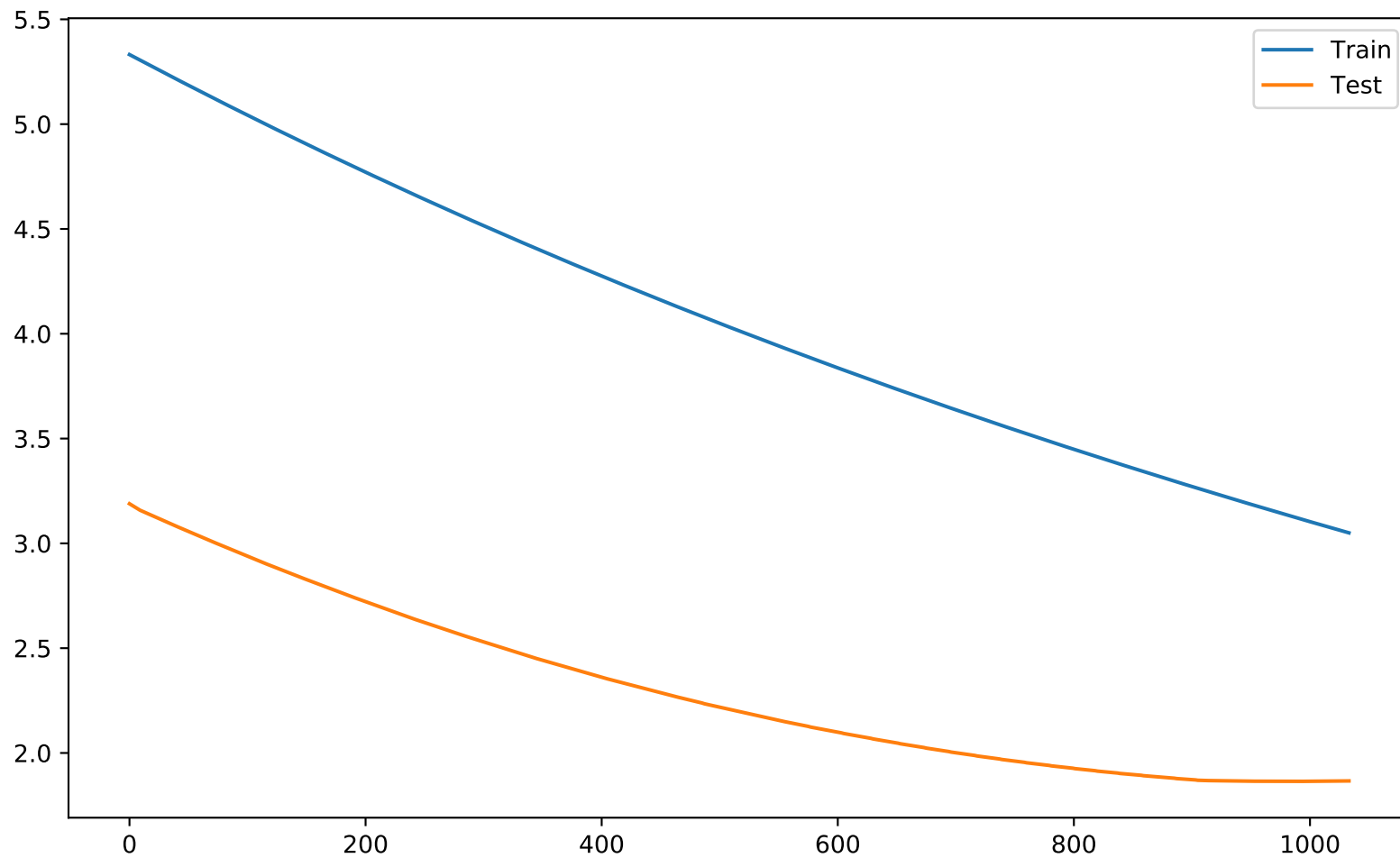




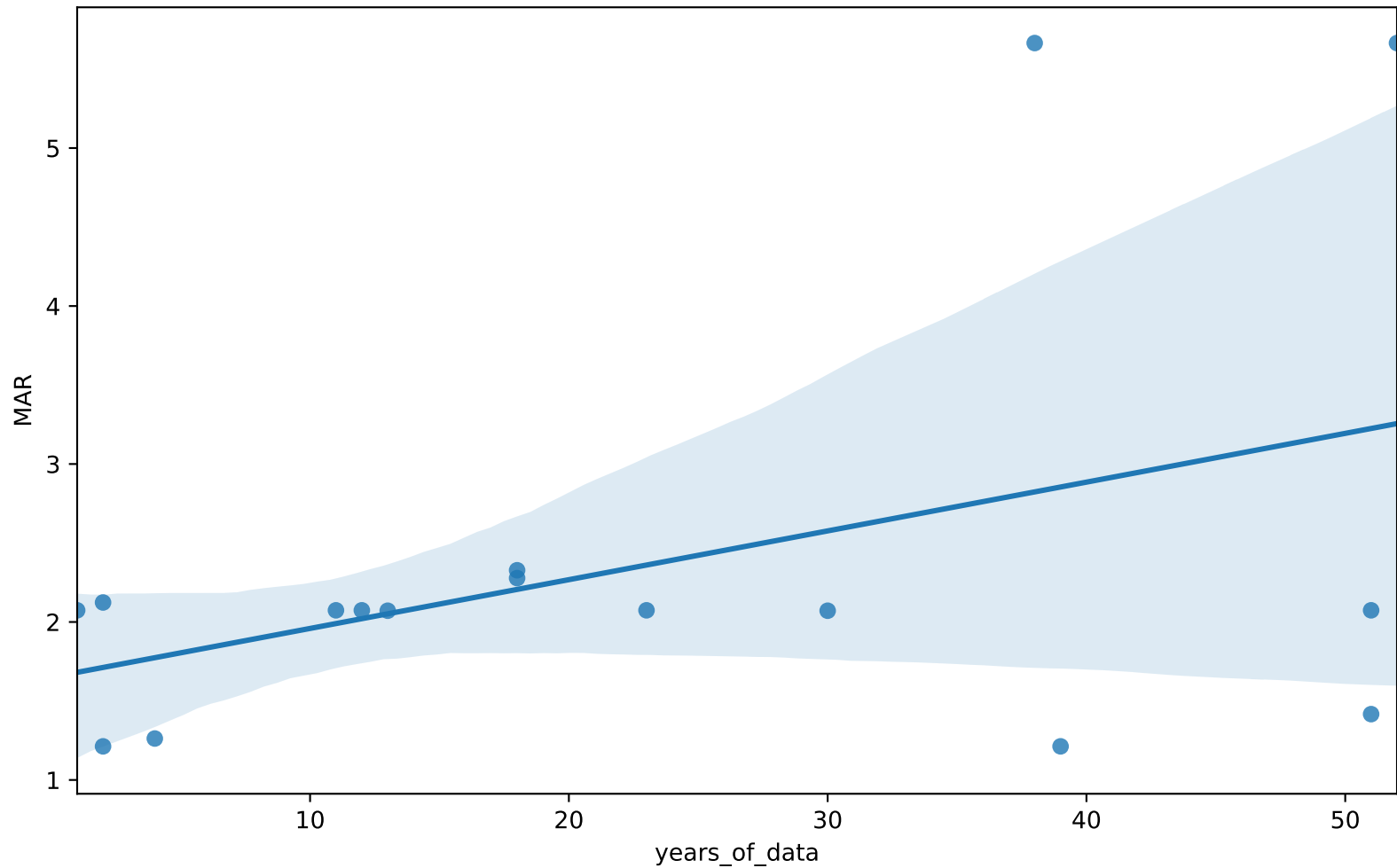




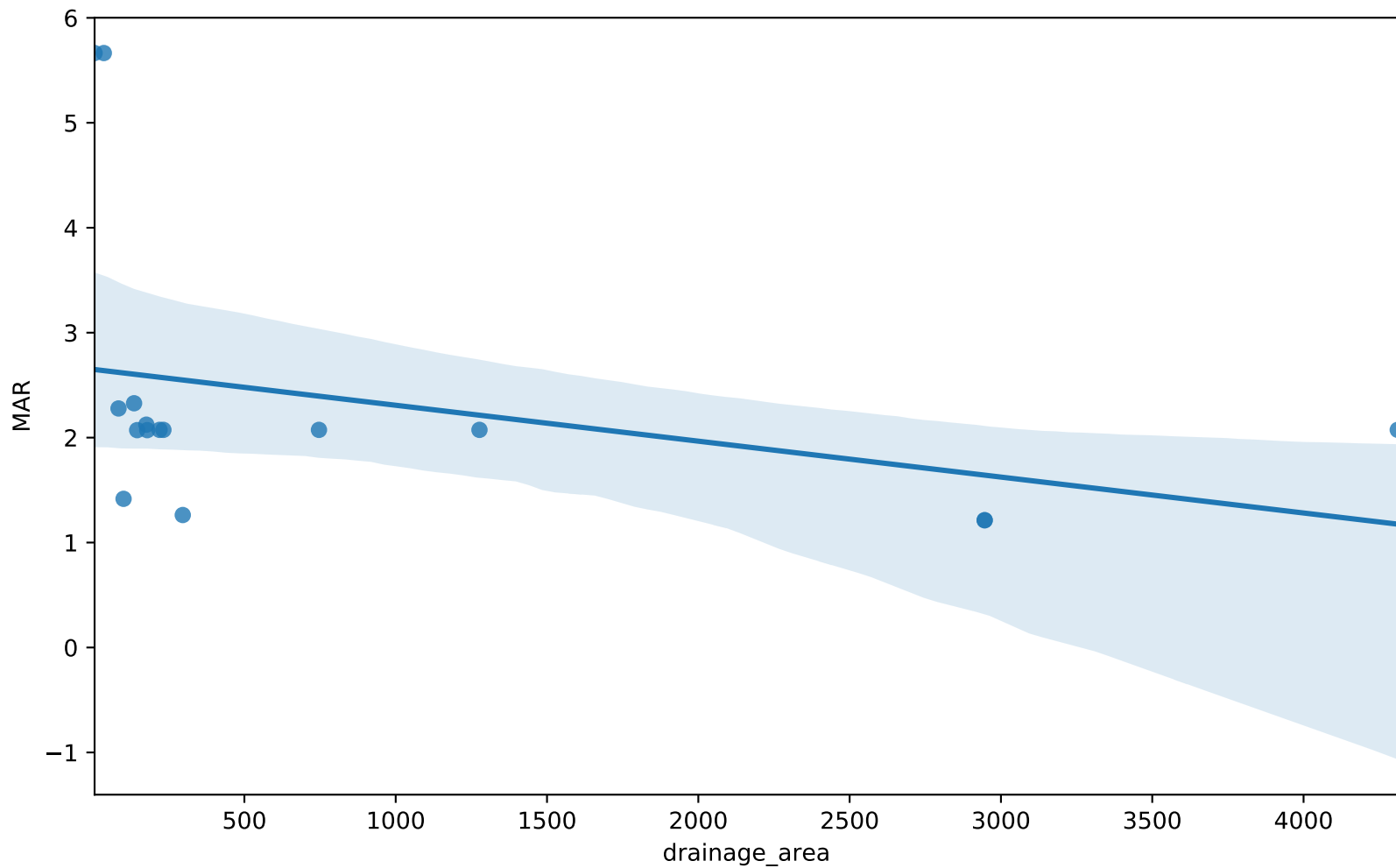
RMSE: 2.5759889501418587 R2: 0.1778894740151028



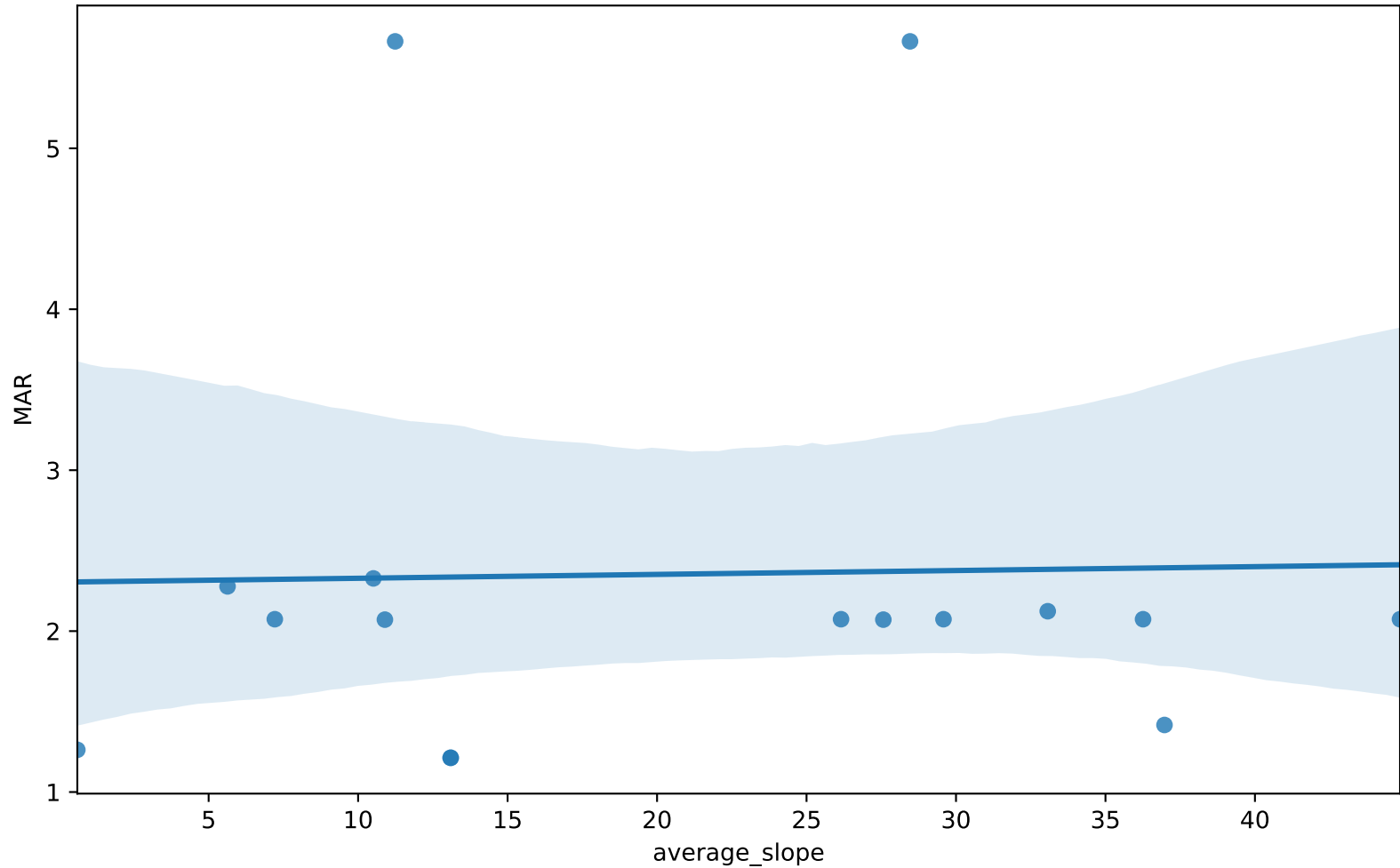
years_of_data vs Predicted MAR



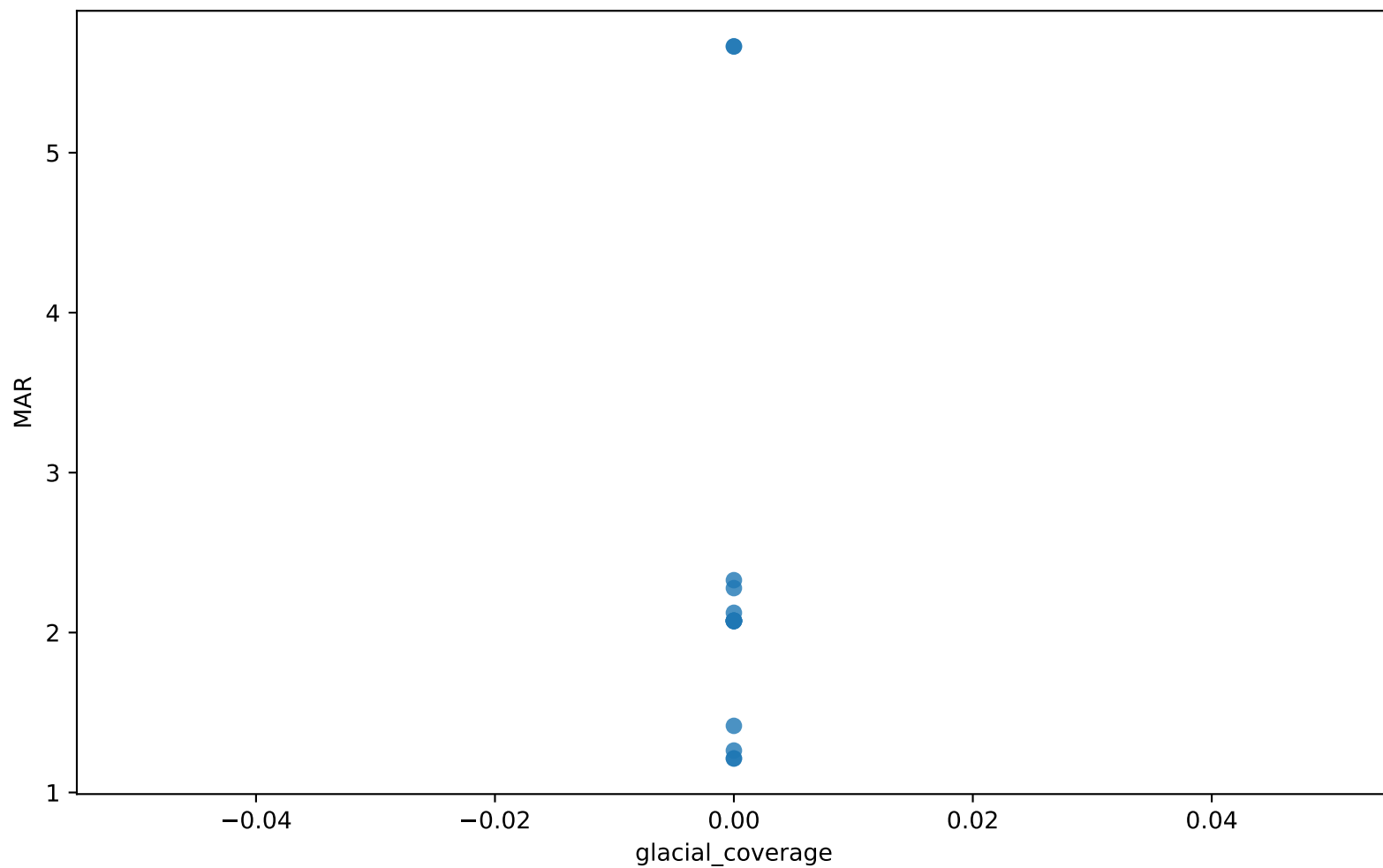
drainage_area vs Predicted MAR



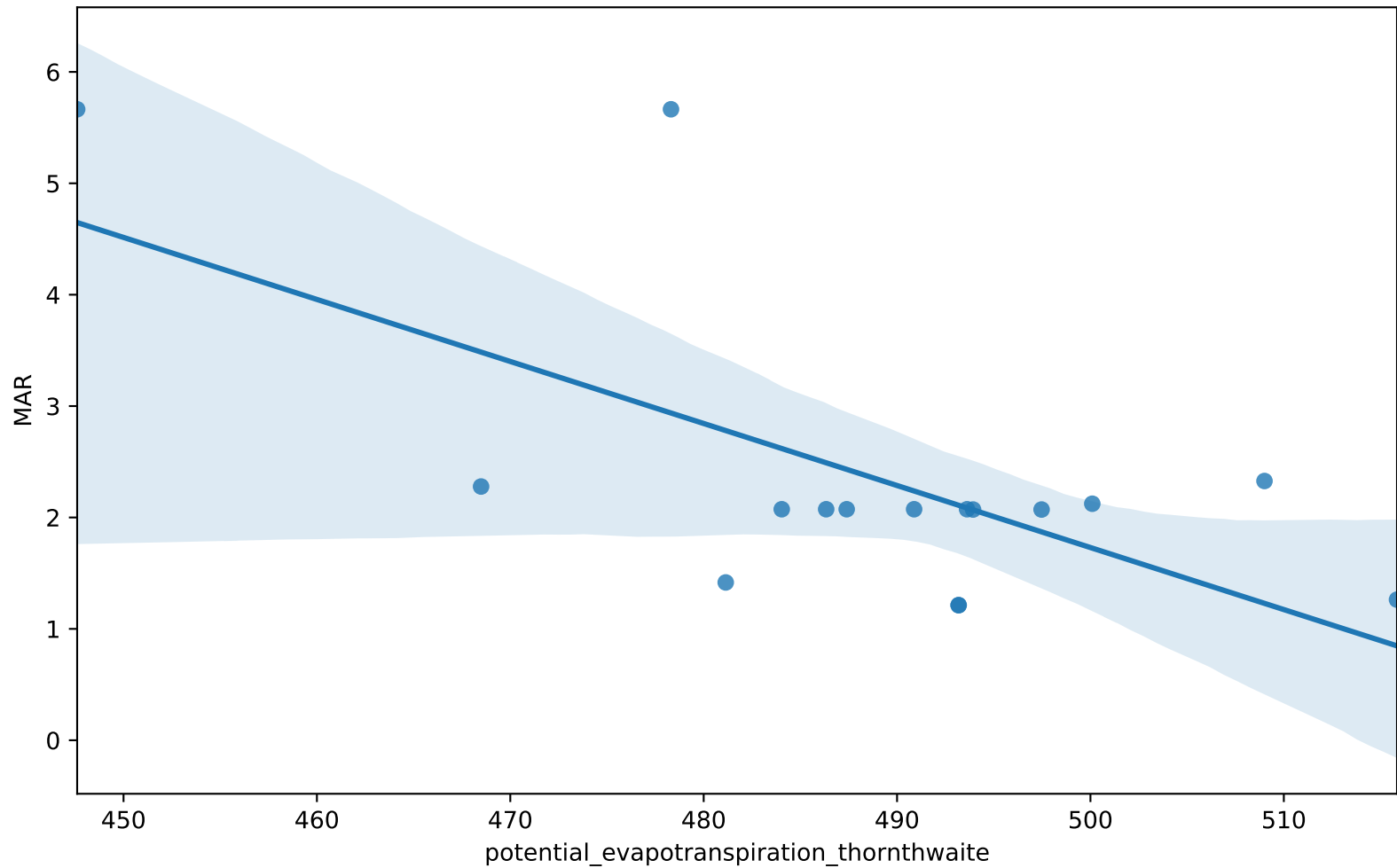
average_slope vs Predicted MAR



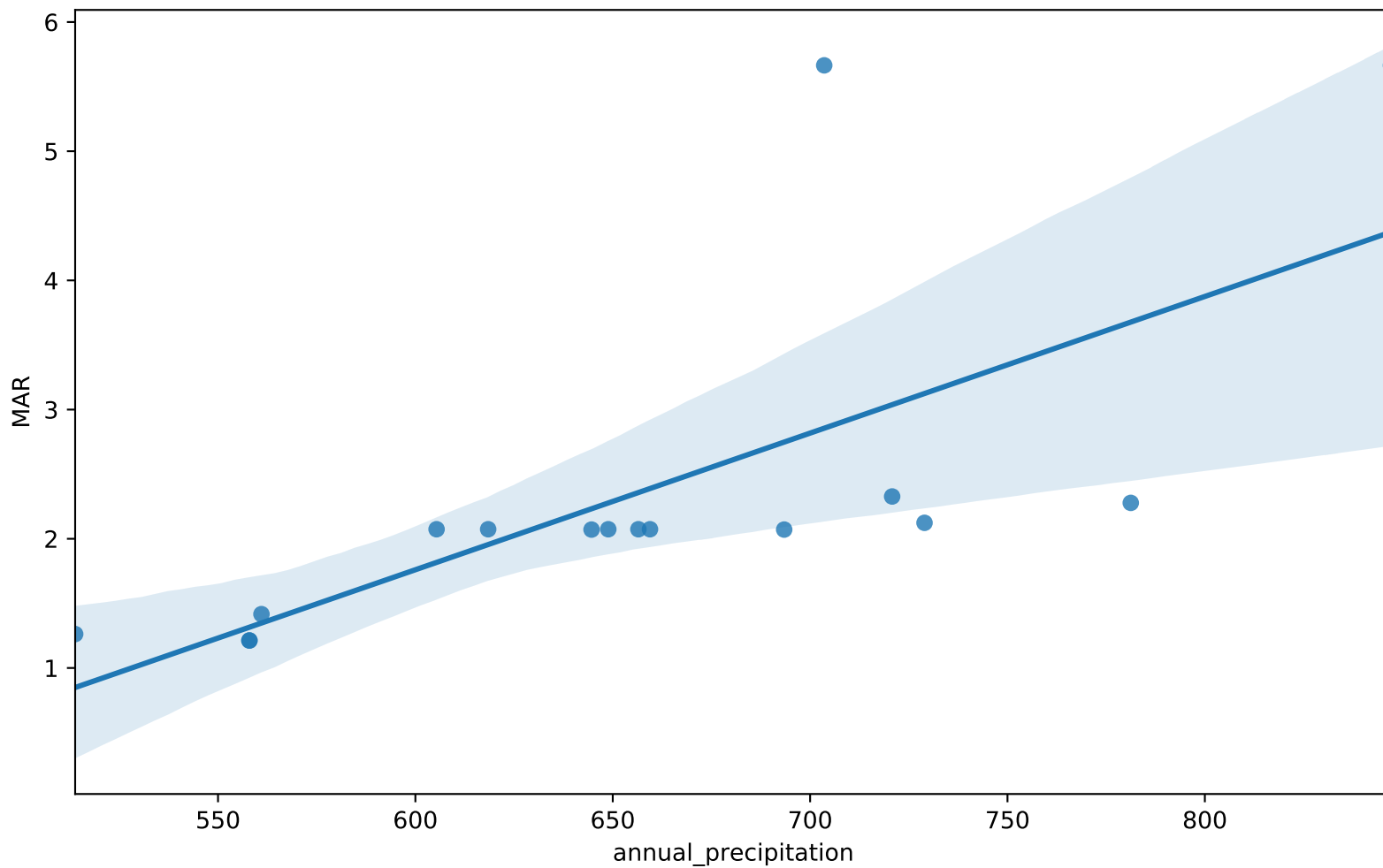
glacial_coverage vs Predicted MAR



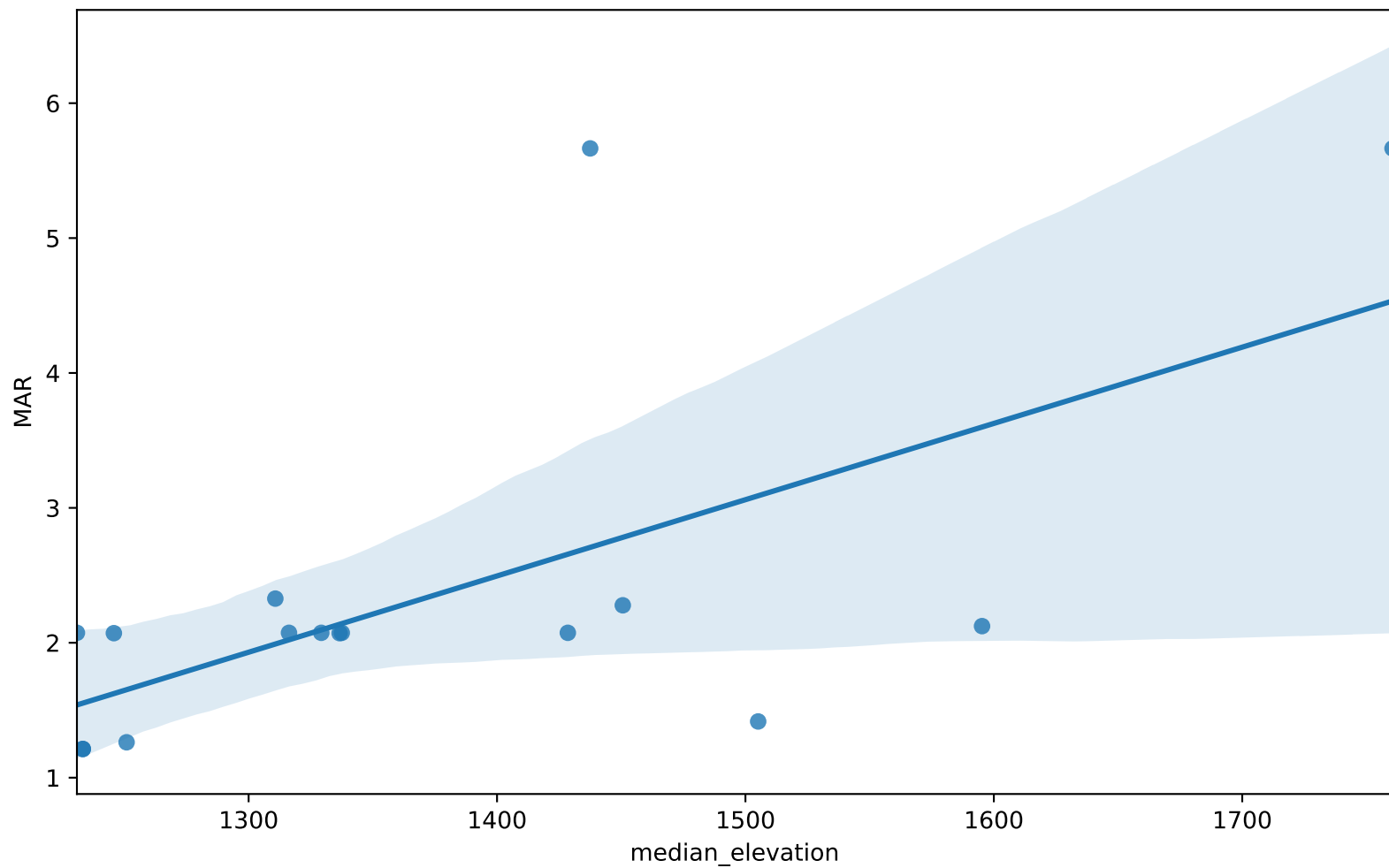
potential_evapotranspiration_thornthwaite vs Predicted MAR



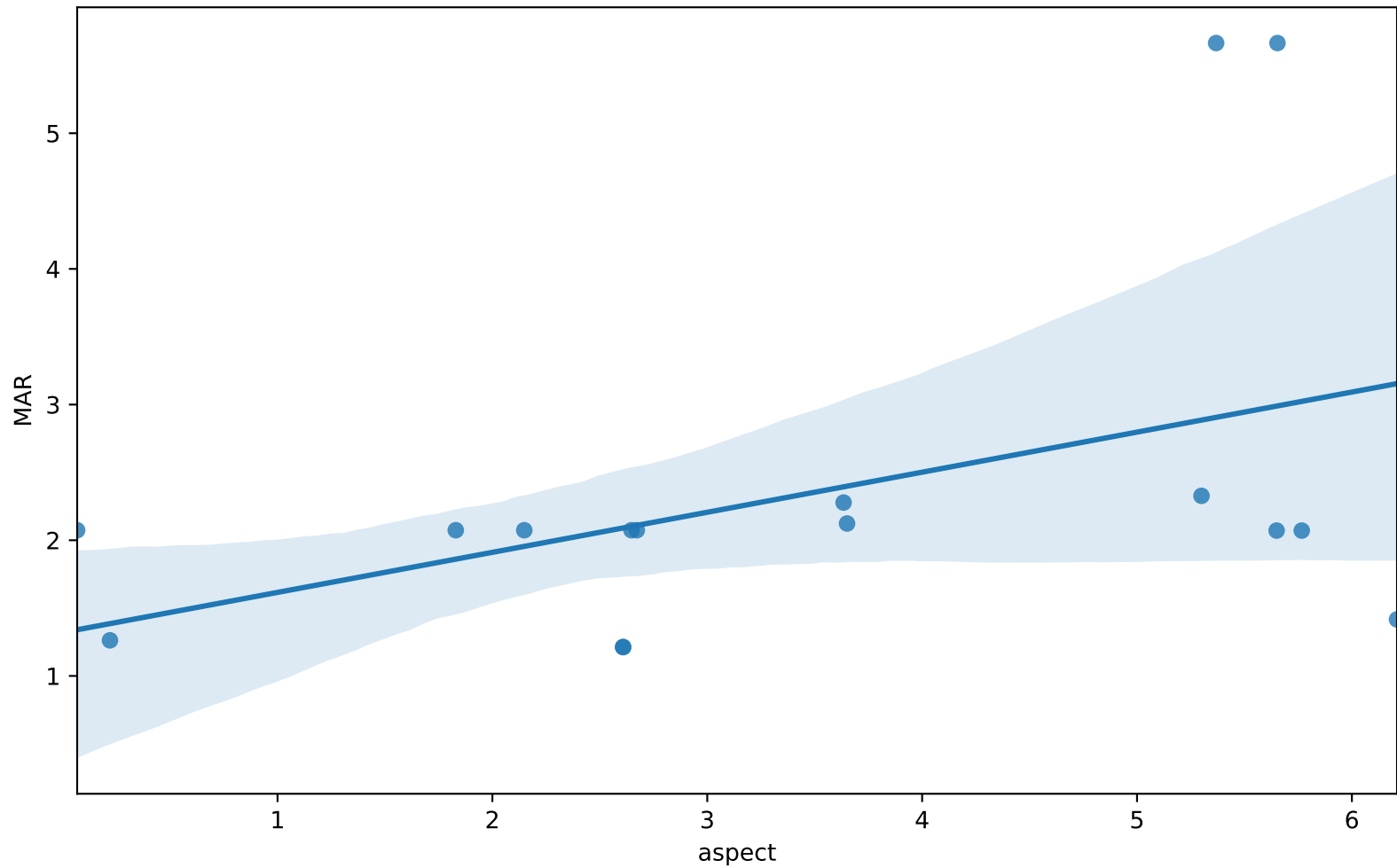
annual_precipitation vs Predicted MAR



median_elevation vs Predicted MAR



aspect vs Predicted MAR



solar_exposure vs Predicted MAR

