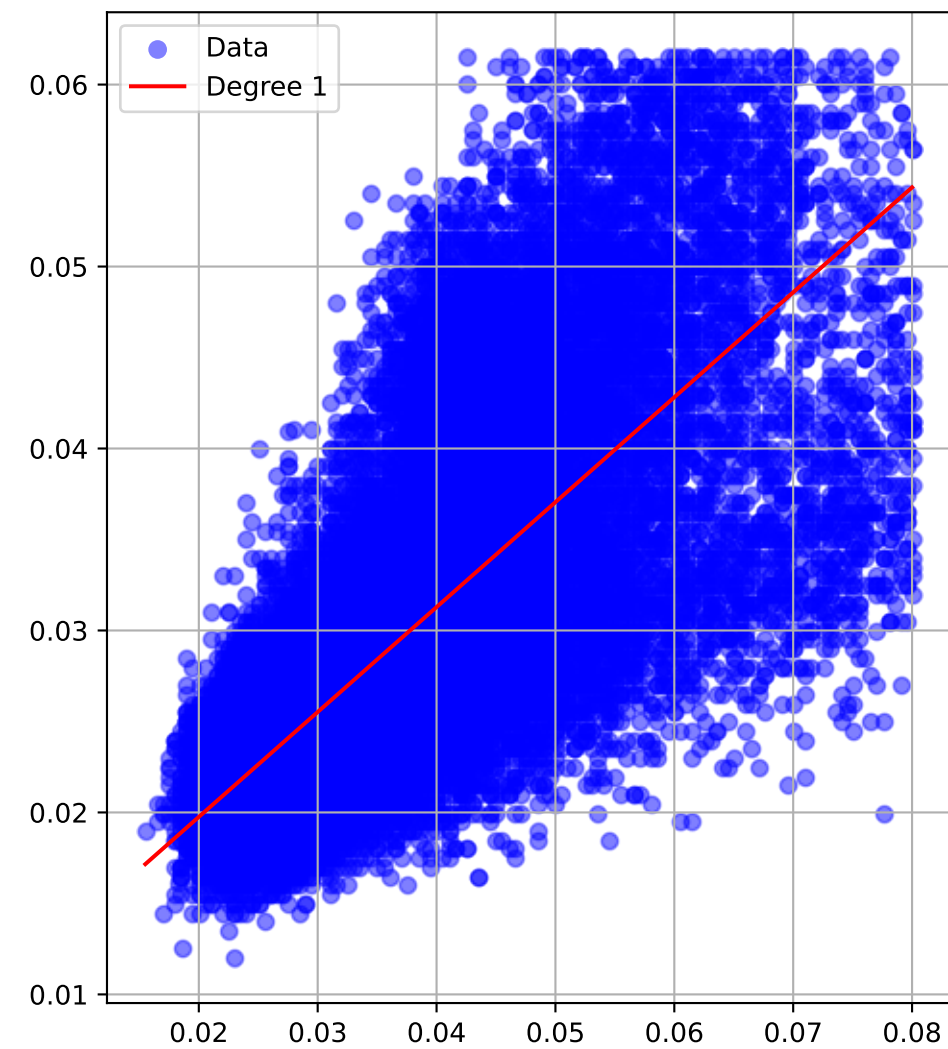
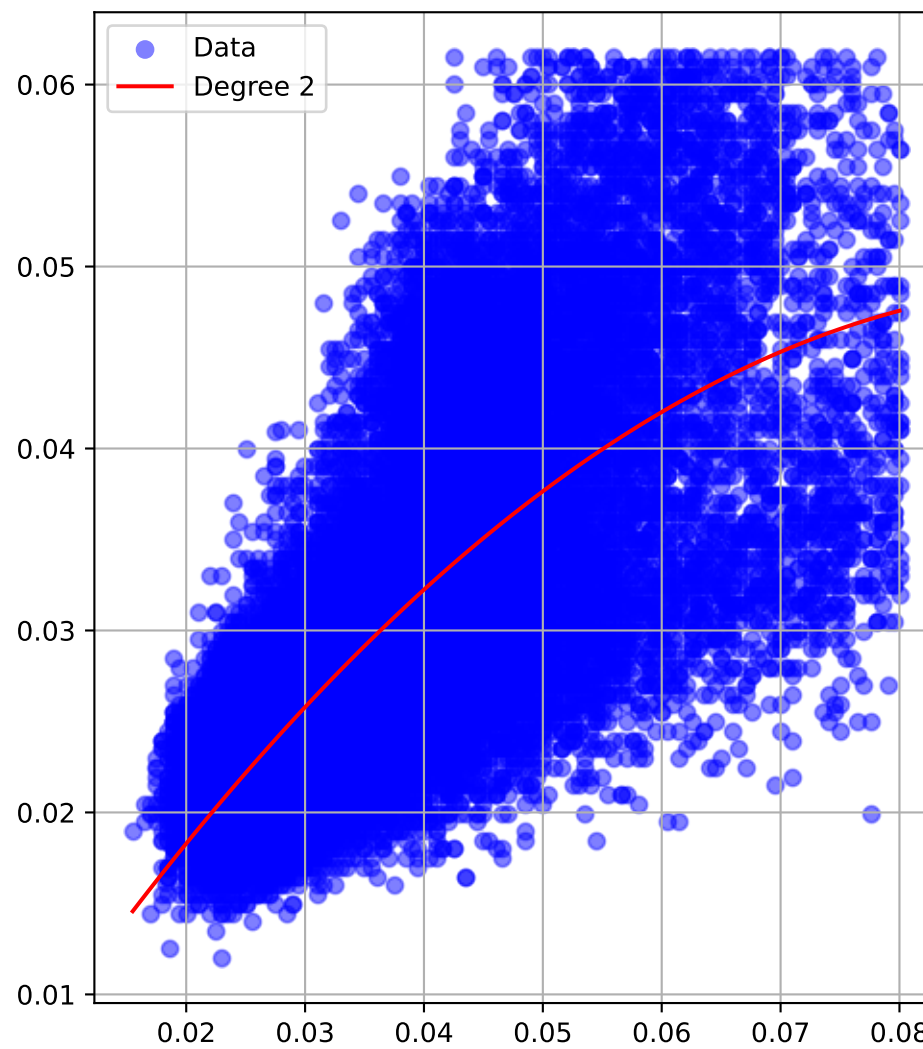


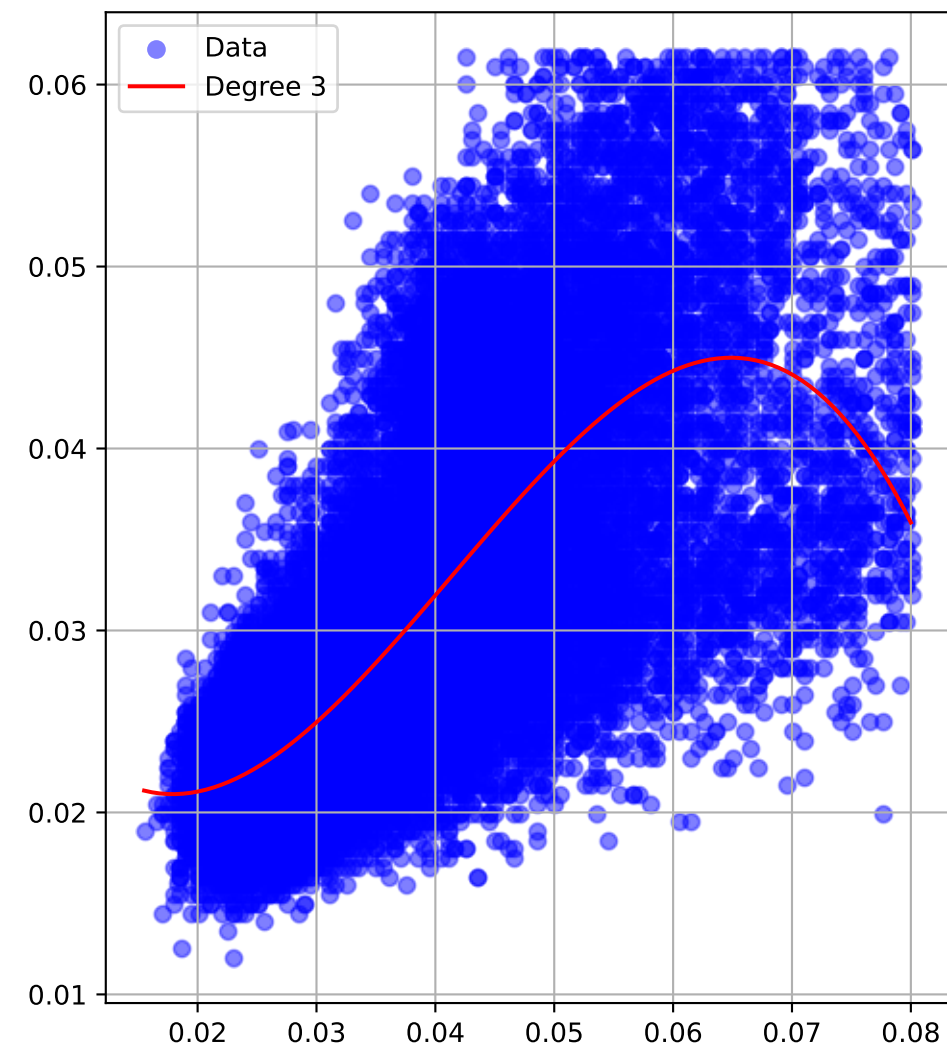
Polynomial Degree 1
 $R^2 = 0.576$, RMSE = 0.005



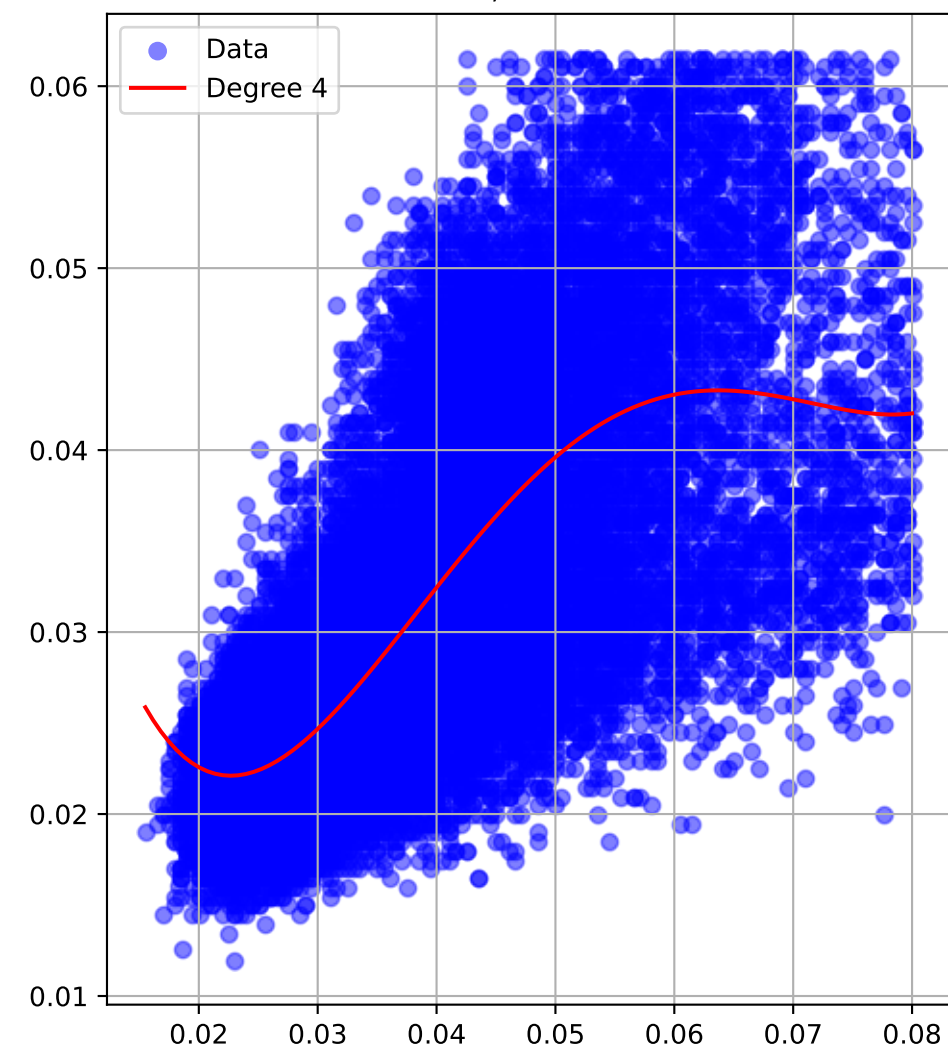
Polynomial Degree 2
 $R^2 = 0.587$, RMSE = 0.005



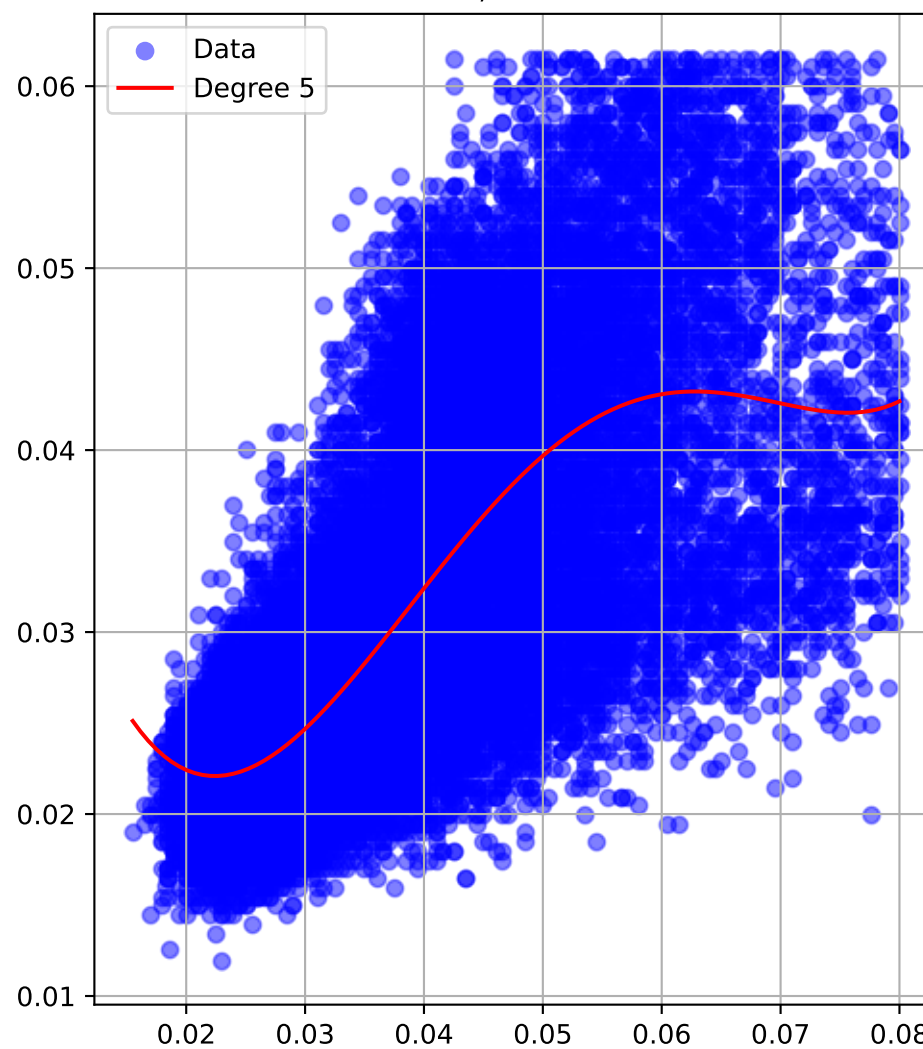
Polynomial Degree 3
 $R^2 = 0.608$, RMSE = 0.005



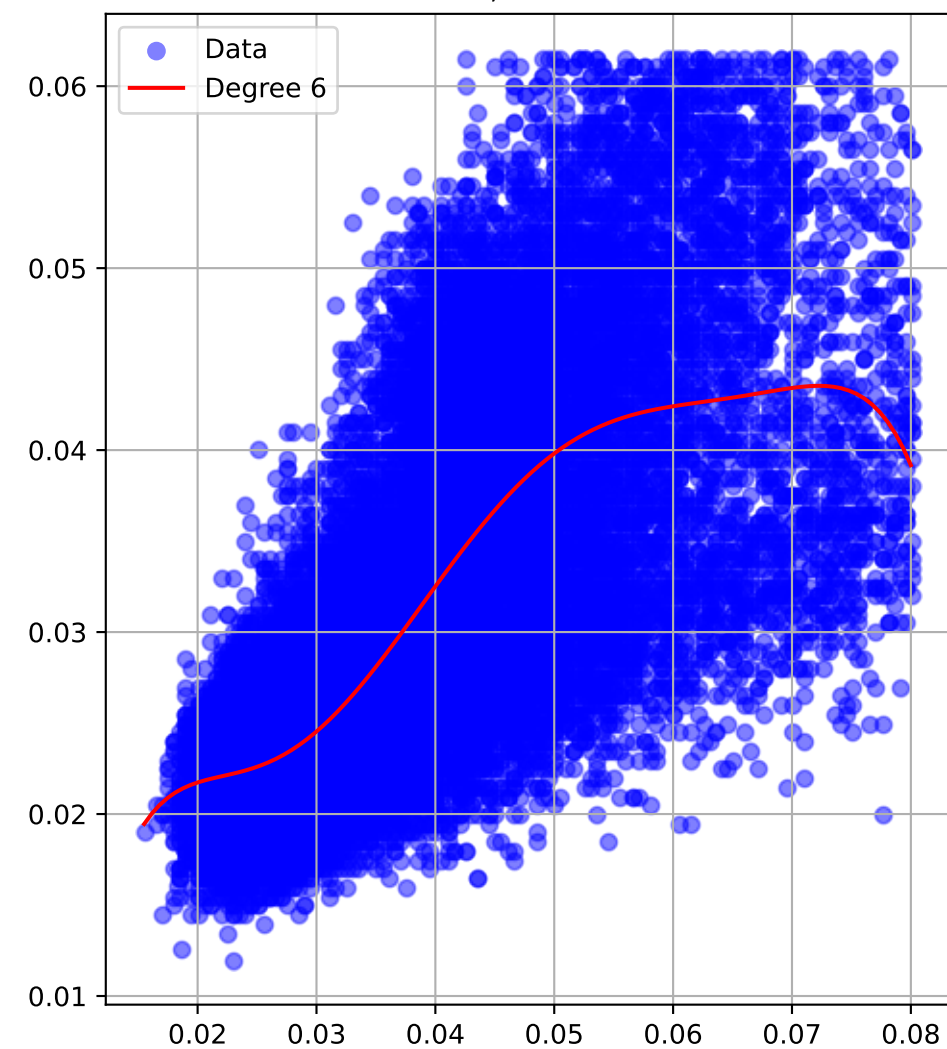
Polynomial Degree 4
 $R^2 = 0.612$, RMSE = 0.005



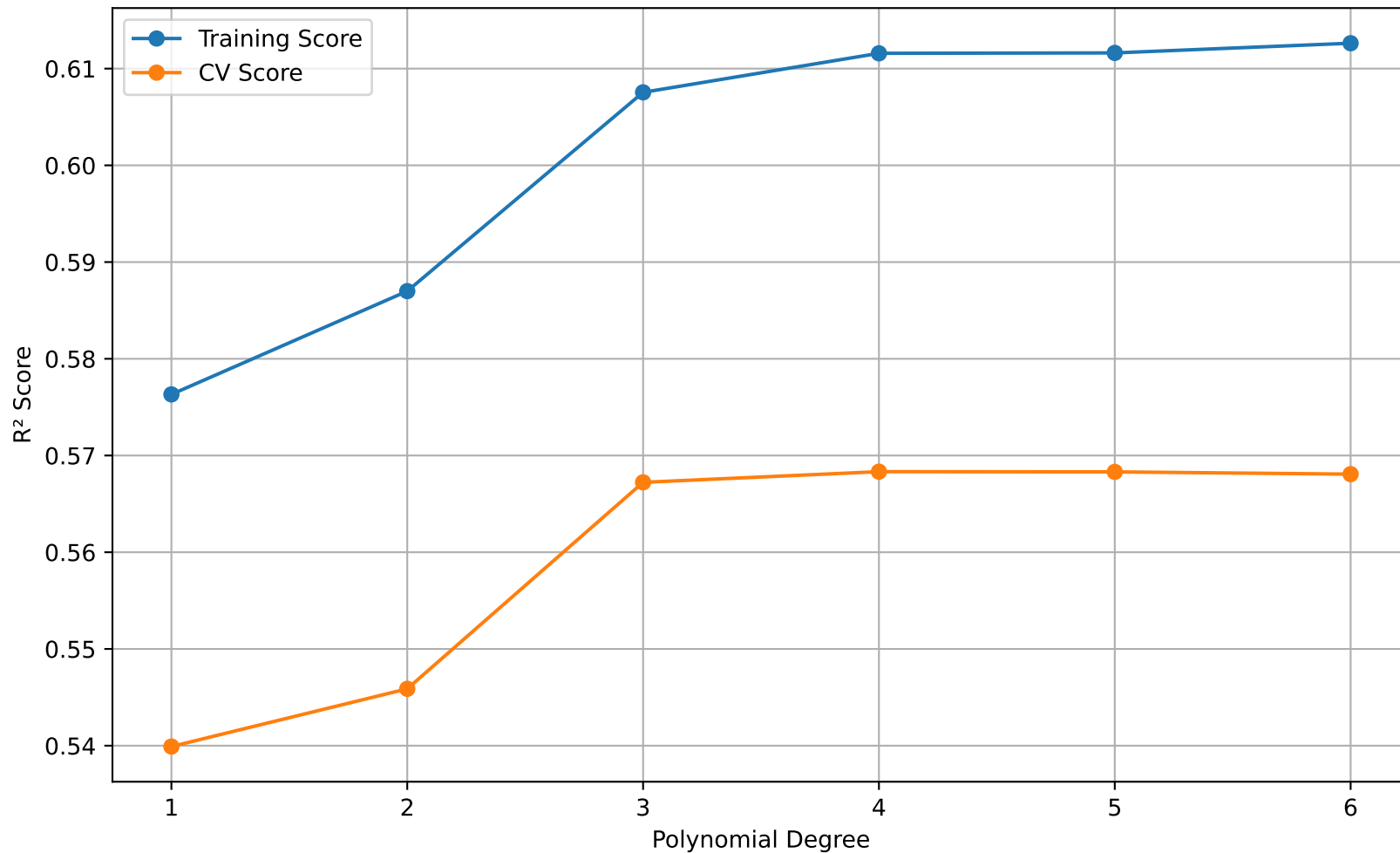
Polynomial Degree 5
 $R^2 = 0.612$, RMSE = 0.005



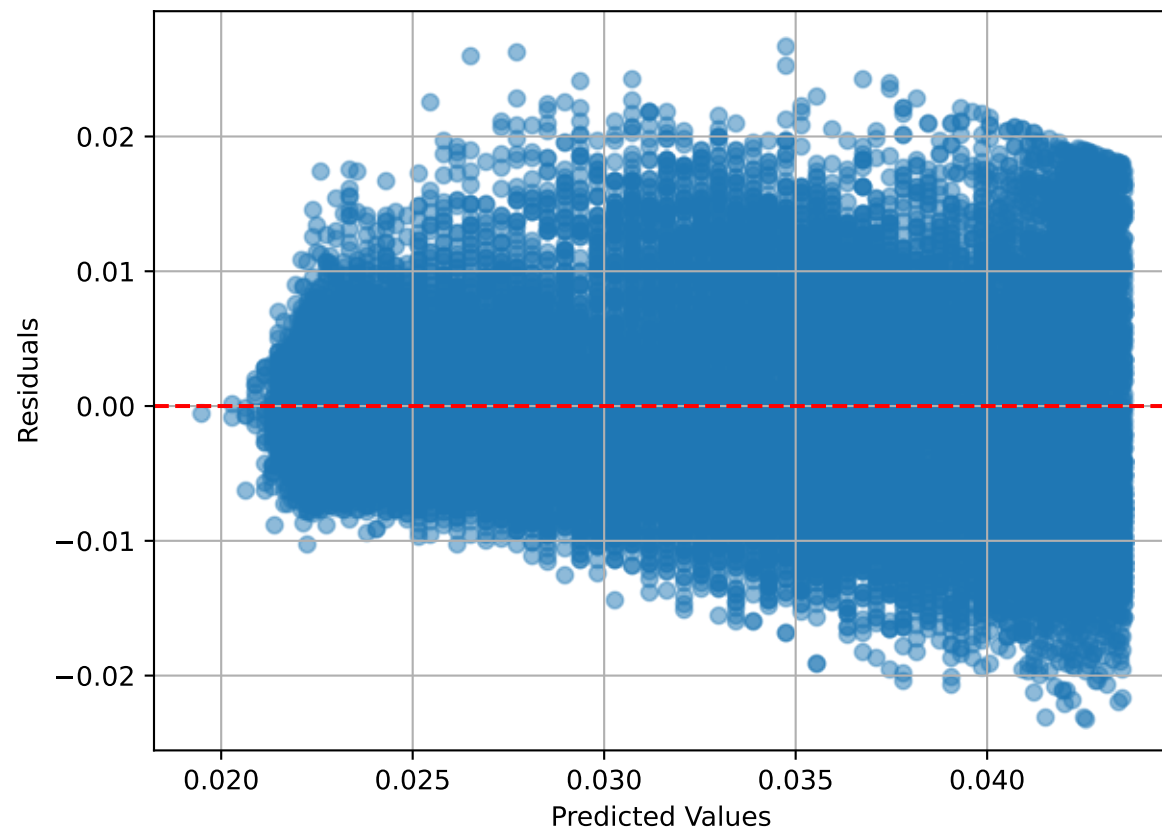
Polynomial Degree 6
 $R^2 = 0.613$, RMSE = 0.005



Model Performance vs. Polynomial Degree



Residuals vs Predicted



Q-Q Plot

