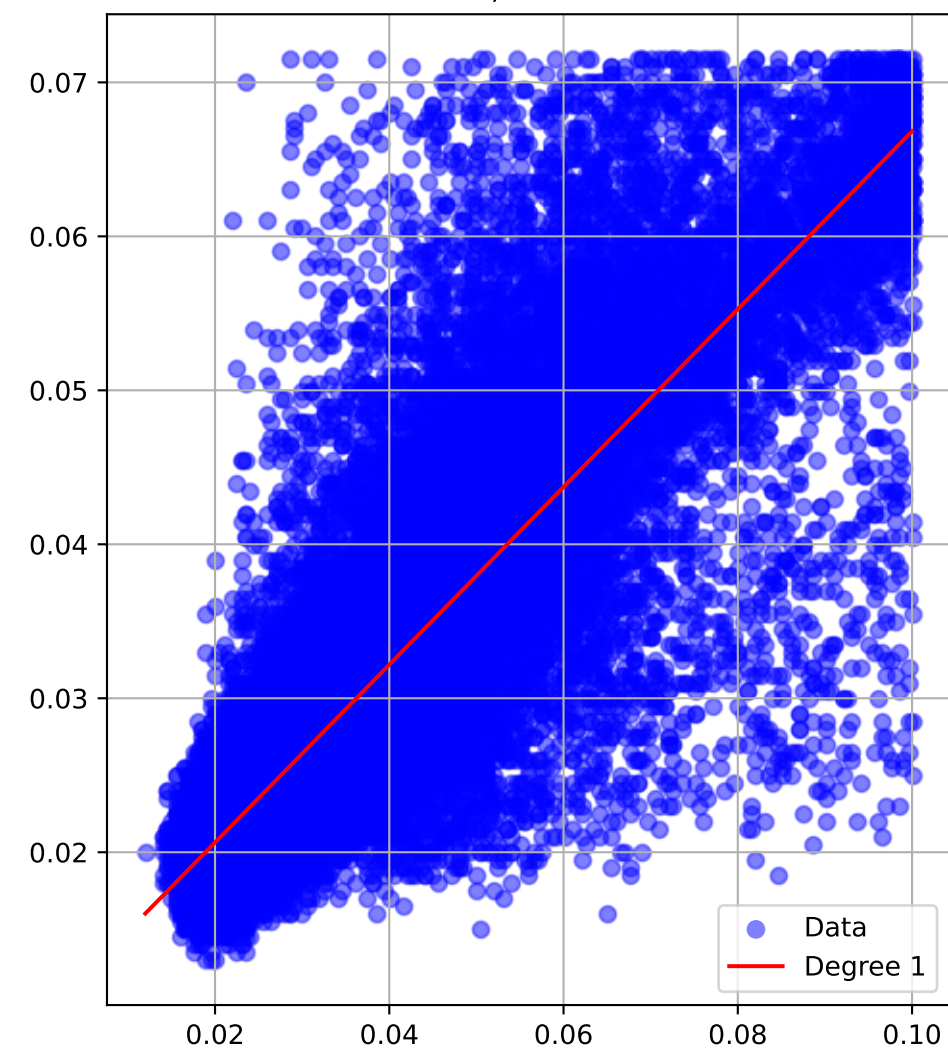
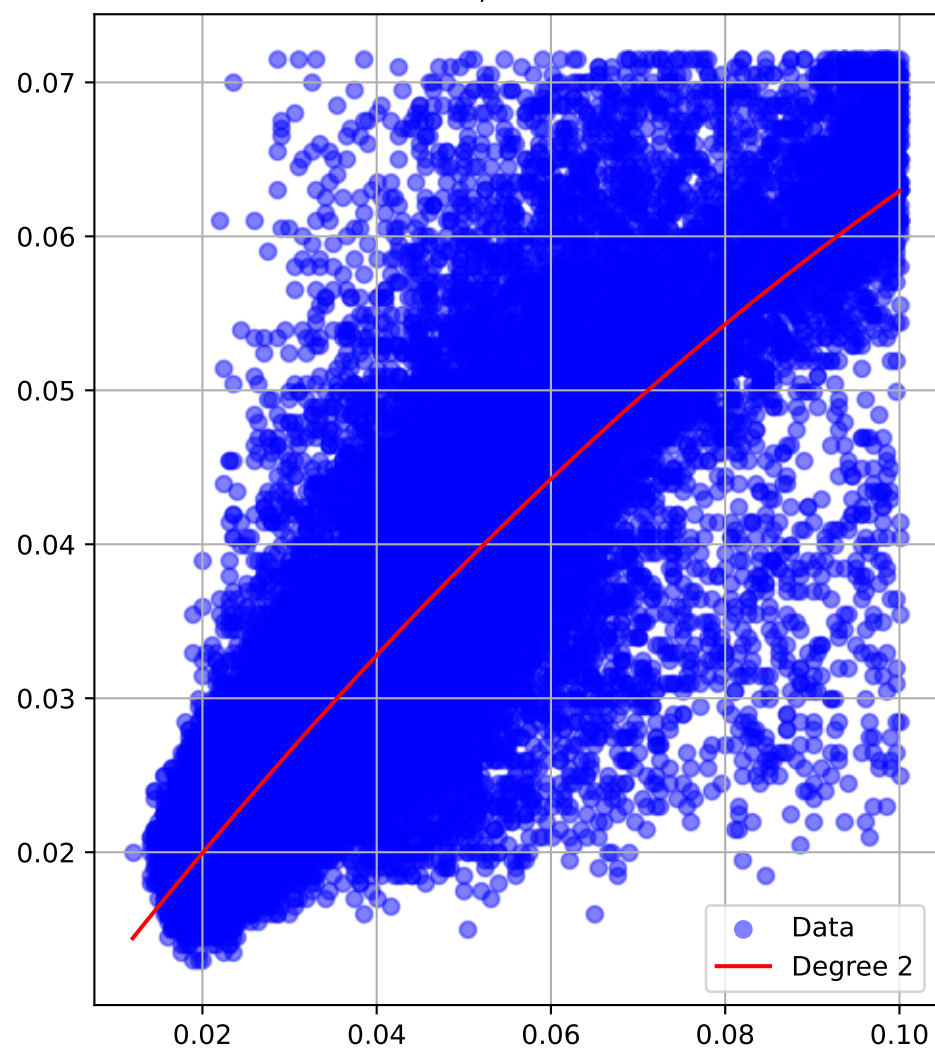


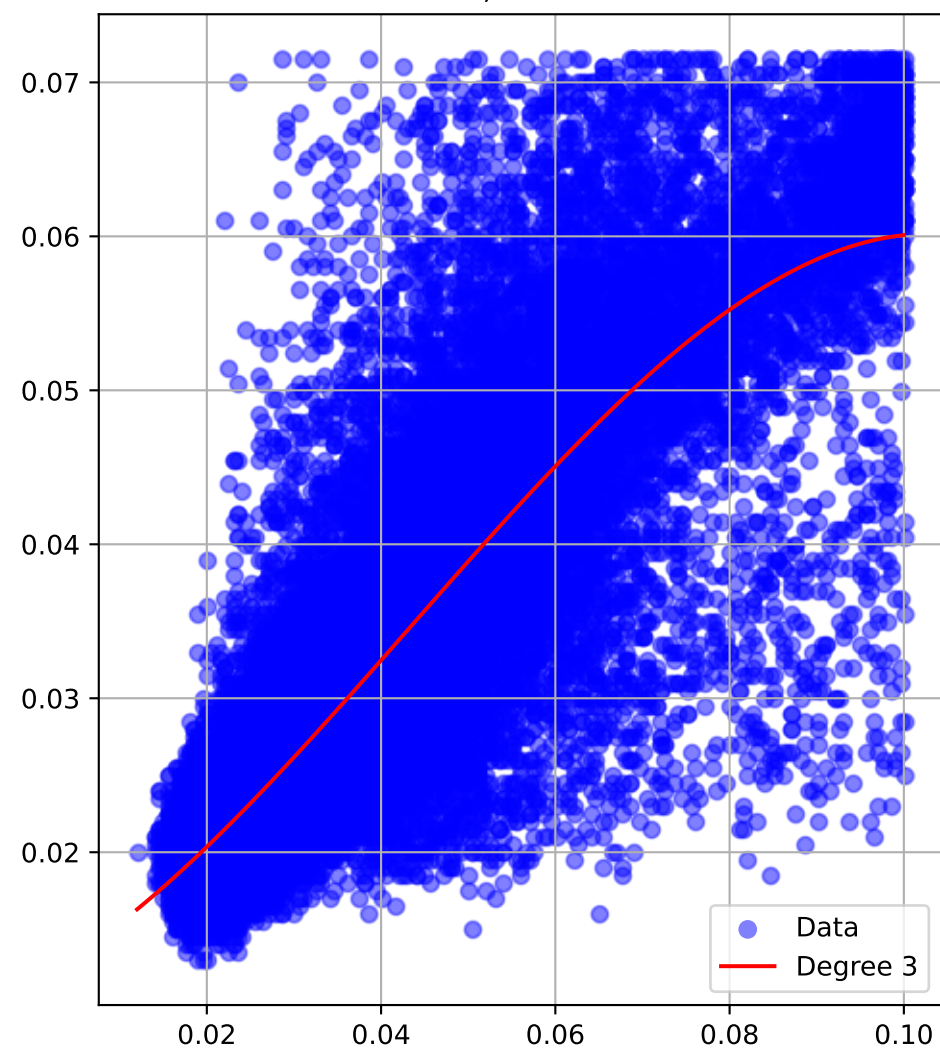
Polynomial Degree 1  
 $R^2 = 0.749$ , RMSE = 0.005



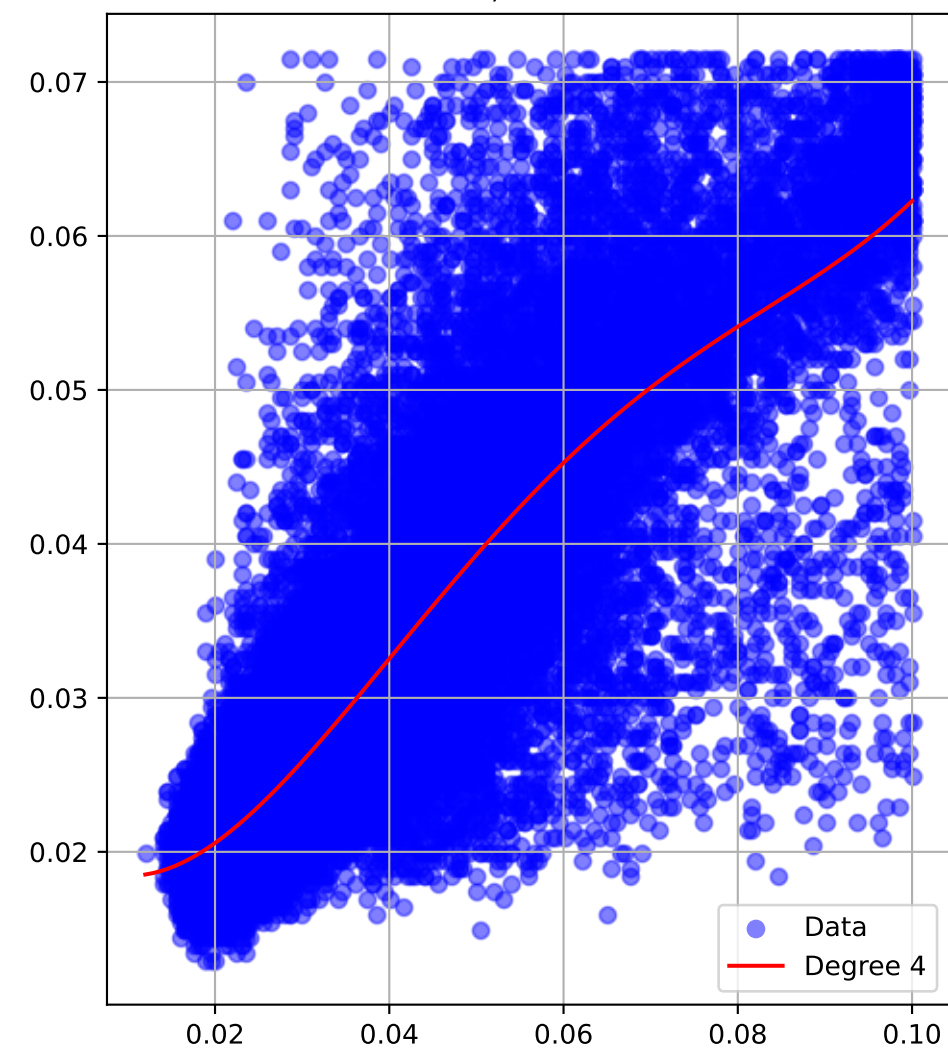
Polynomial Degree 2  
 $R^2 = 0.754$ , RMSE = 0.005



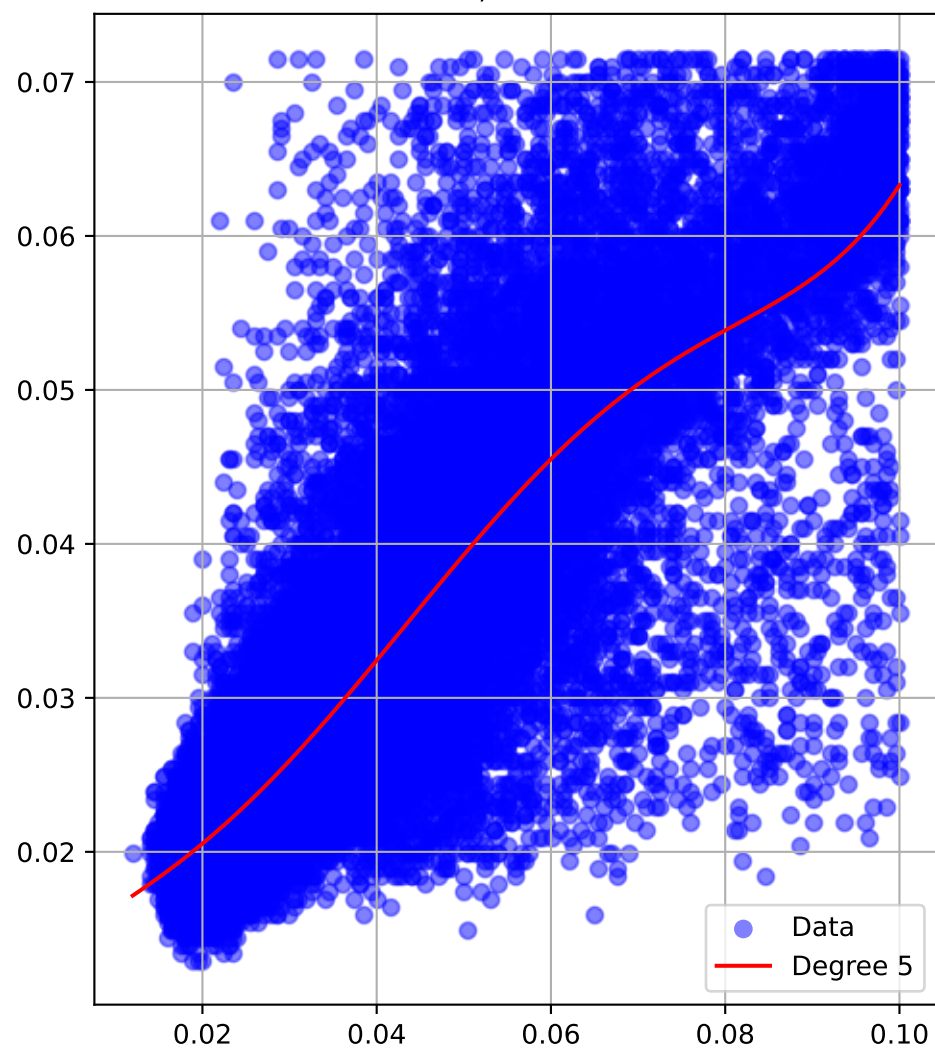
Polynomial Degree 3  
 $R^2 = 0.755$ , RMSE = 0.005



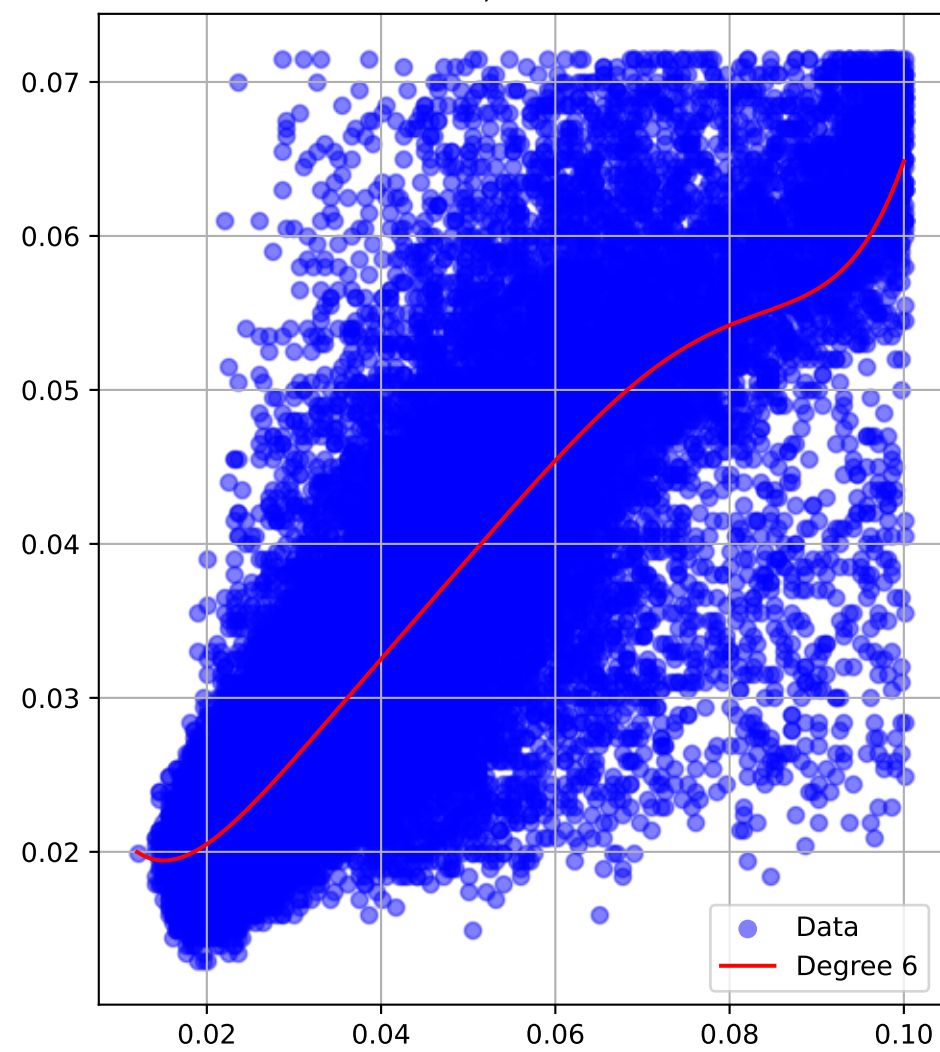
Polynomial Degree 4  
 $R^2 = 0.756$ , RMSE = 0.005



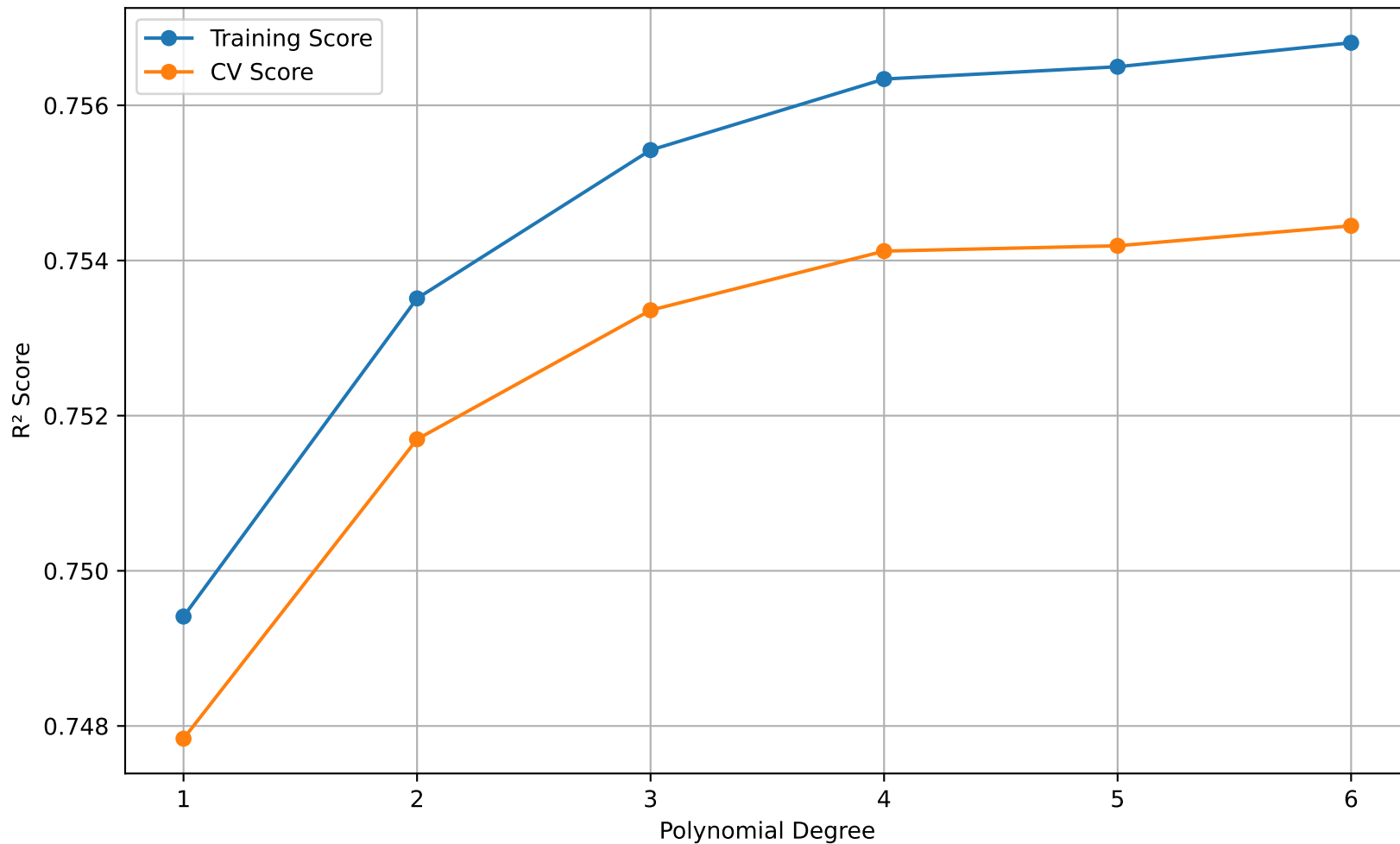
Polynomial Degree 5  
 $R^2 = 0.756$ , RMSE = 0.005



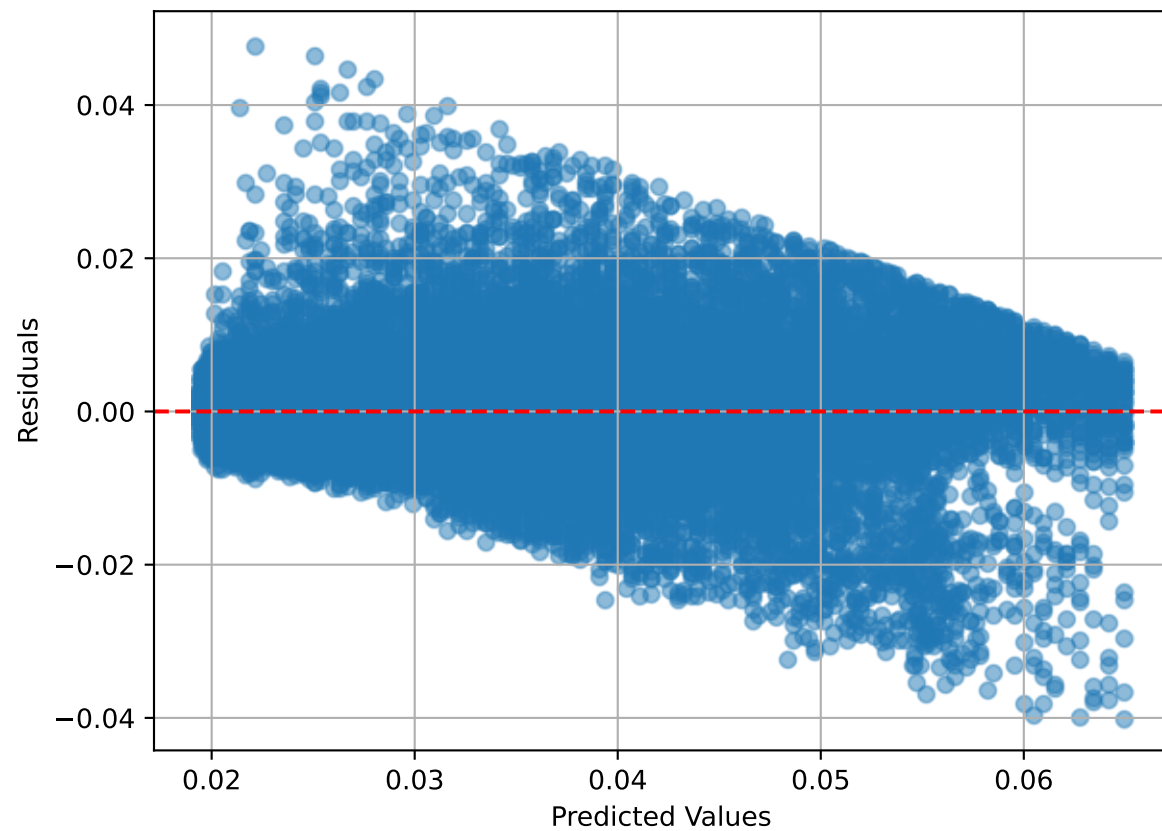
Polynomial Degree 6  
 $R^2 = 0.757$ , RMSE = 0.005



Model Performance vs. Polynomial Degree



Residuals vs Predicted



Q-Q Plot

