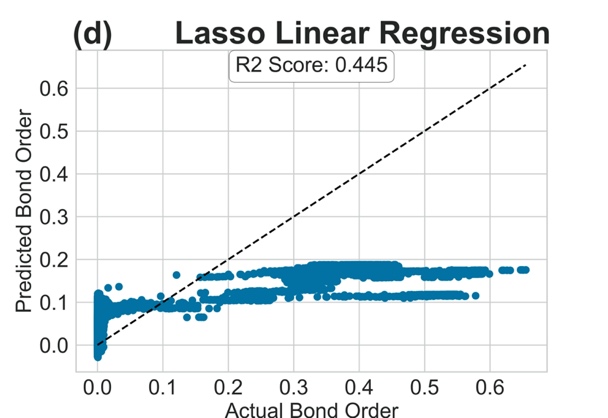
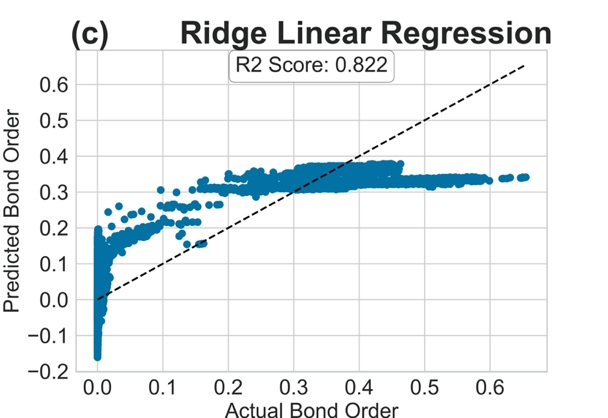
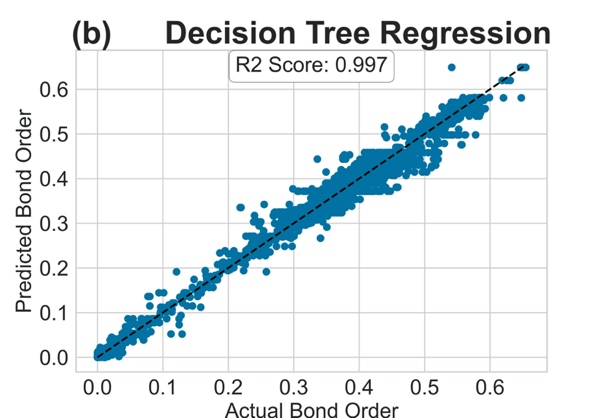
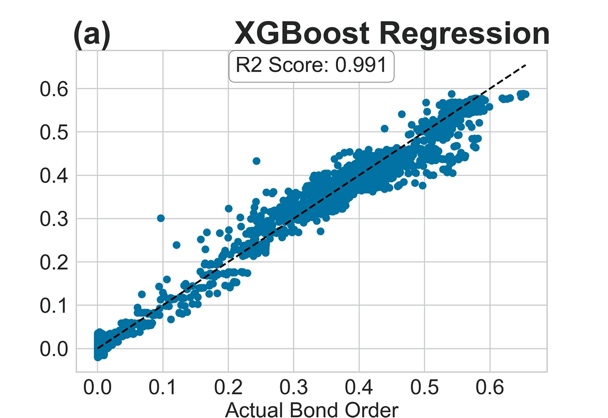


**Figure S1**: R2 plot for regression models tested: (a) XGBoost Regression, (b) Decision Tree Regression, (c) Ridge Linear Regression, and (d) Lasso Linear Regression in Setting (C).



**Figure S2**: R2 plot for regression models tested: (a) XGBoost Regression, (b) Decision Tree Regression, (c) Ridge Linear Regression, and (d) Lasso Linear Regression in Setting (D).