

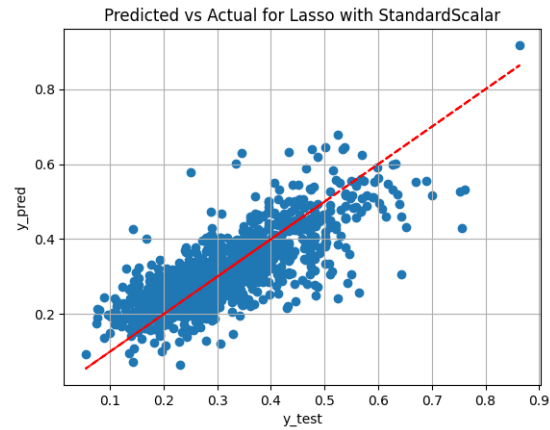
Weekly Dataset

Use MinMaxScaler

1. Lasso

alpha=0

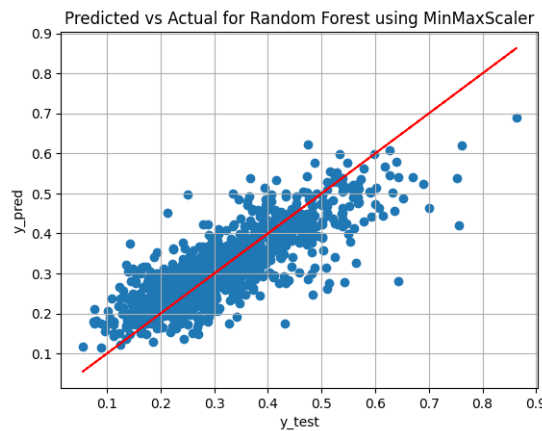
rmse: 0.07193227353128091
rrmse: 0.14386454706256183
r2mm: 0.5903604020335318



2. Random Forest

max_depth=20, random_state=0

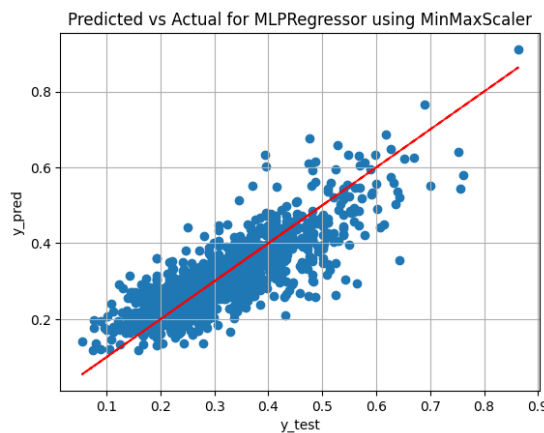
rmse: 0.06377179834902975
rrmse: 0.1275435966980595
r2mm: 0.6780327594753156



3. MLP

hidden_layer_sizes = (300, 100, 50)
batch_size=500,
random_state=0, max_iter=300,
learning_rate_init=0.001,
early_stopping=True

rmse: 0.06408585133872065
rrmse: 0.1281717026774413
r2mm: 0.6748538072143275



4. LightGBM

learning_rate=0.05, epoch=200,
num_leaves=31, early_stop=5

rmse: 0.06270717192903513
rrmse: 0.12541434385807027
r2mm: 0.6886930715293709

