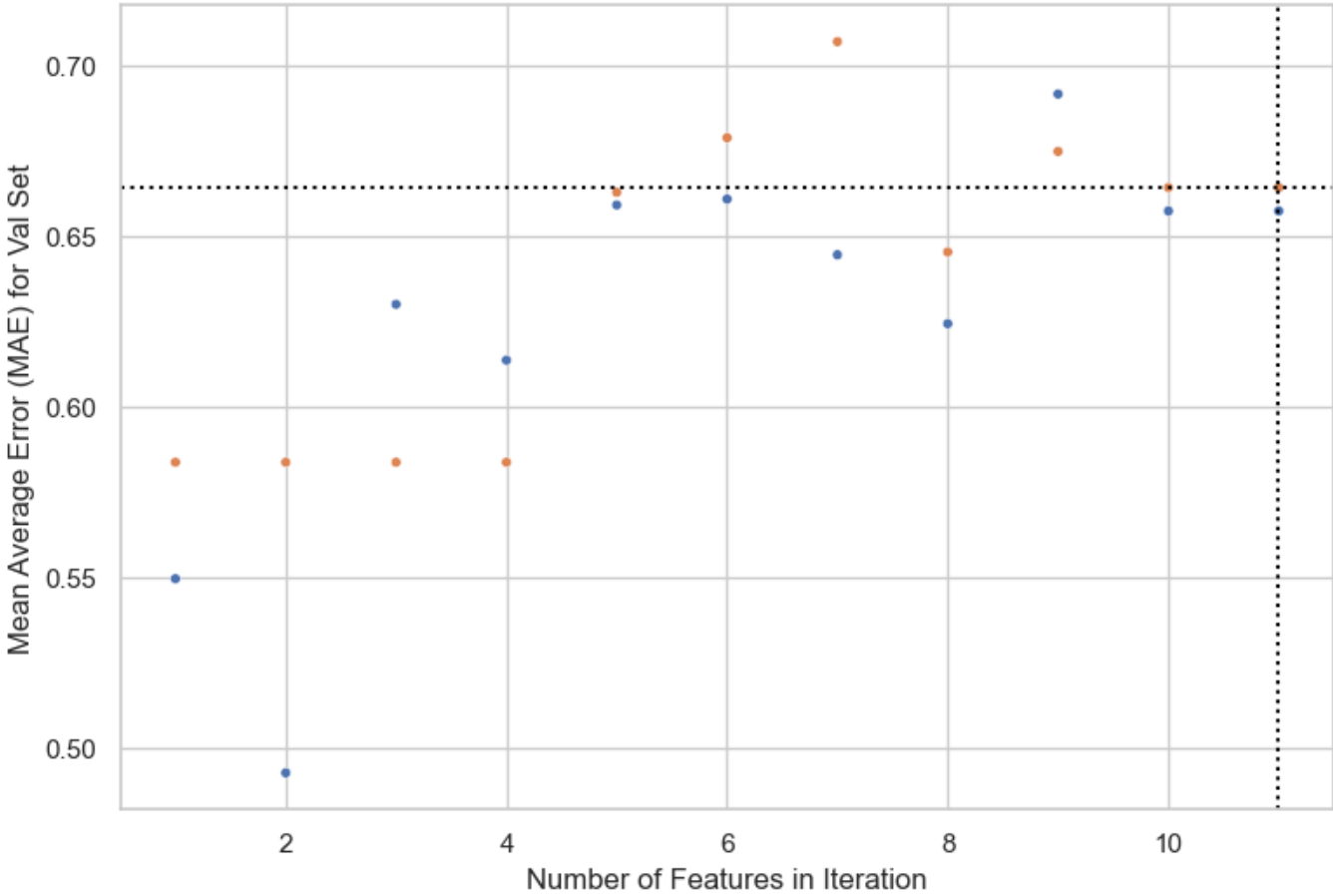


Feature Selection with Recursive Model Training

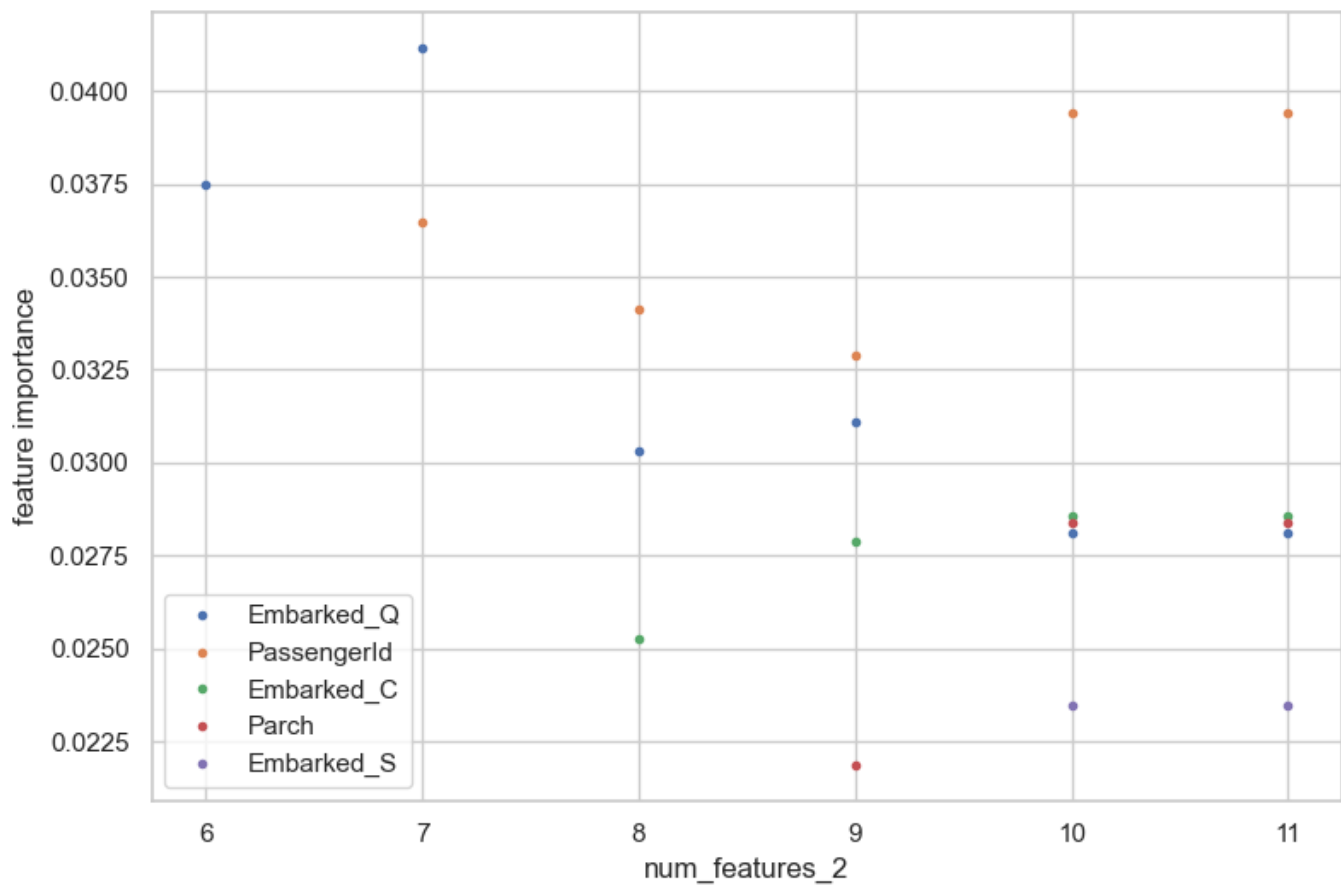
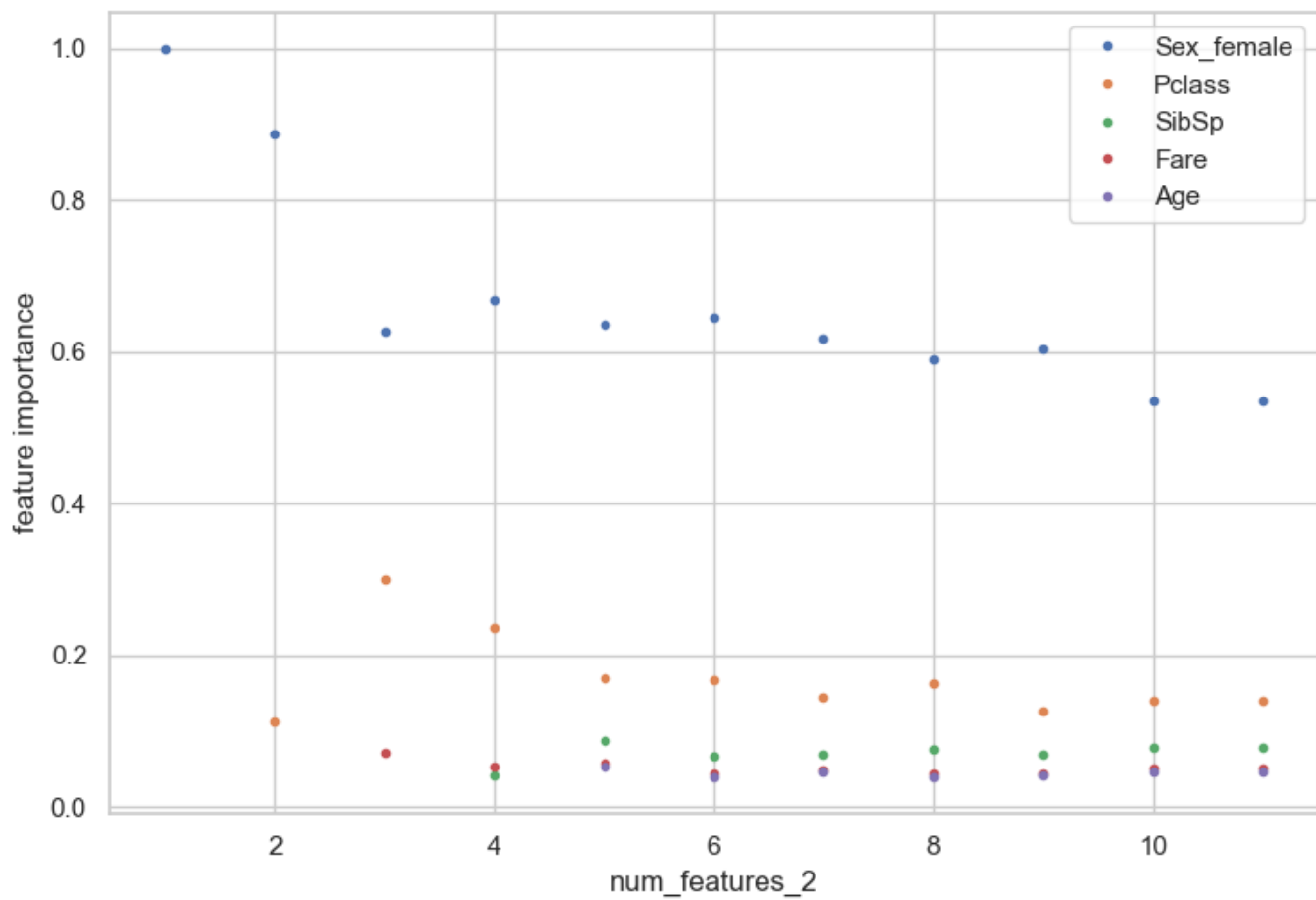
Recursive Training Results



The above plot has our model metric on the y-axis, and the number of features for each model training iteration on the x-axis. In other words, each dot here represents an iteration of the recursive model training.

As the number of features is reduced, eventually the model will start to perform much more poorly. The vertical line is the location with the best value of the evaluation metric, which is an MAE of 0.66424), compared to the starting MAE of 0.66424.

The model training started with 11 features (after one-hot encoding any categorical features), and achieved the best model training results with 11 features.



target_correlation_vs_feature_importance

