

Feature Importance

J. Ling

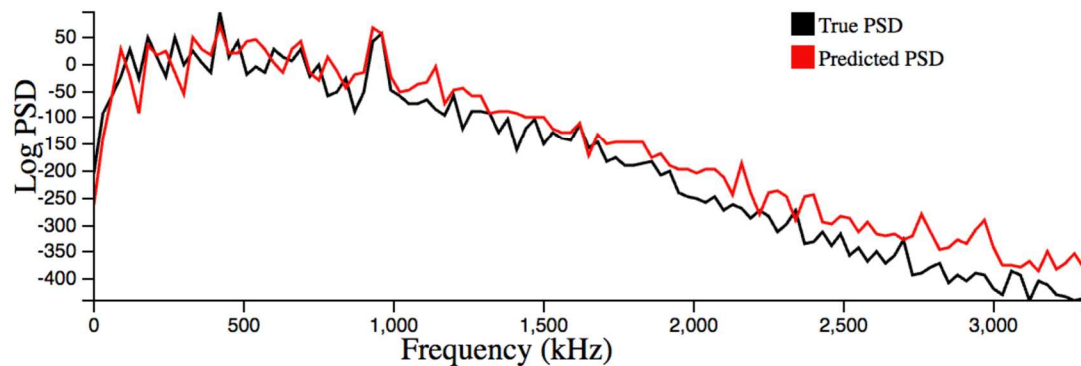
File: FeatureImportance_v3.html

Description: Javascript/html file that allows dynamic visualization of feature importance for machine learning model trained to make wall pressure predictions in a compressible flat plate boundary layer

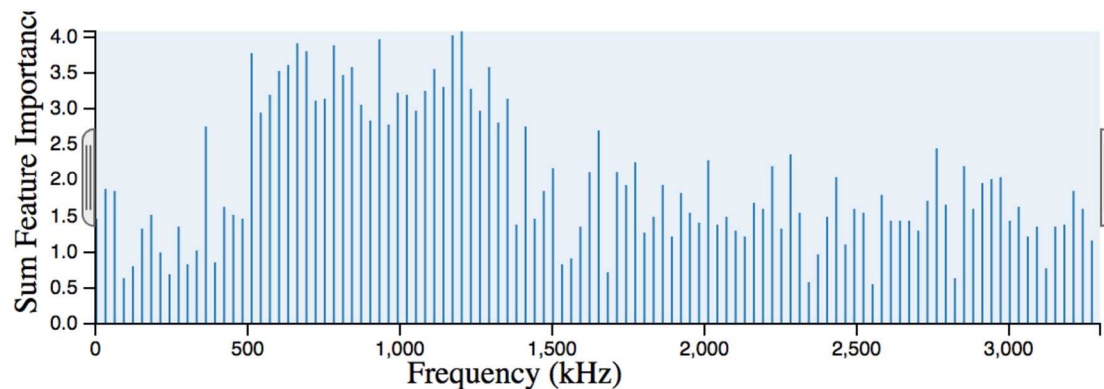
Associated Project: Machine learning fluid-structure interaction LDRD led by Matt Barone

The html file contains the following visualizations:

Power Spectrum at Sample Location



Total Feature Importance toward Predicted Wall PSD



Feature Importance of Different Input Pressure PSDs

