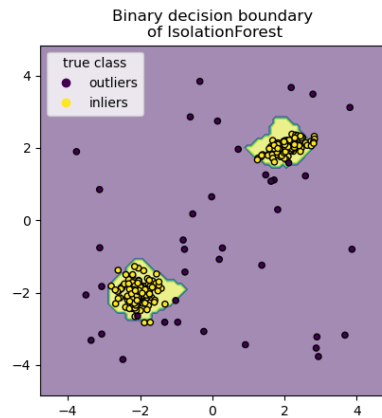
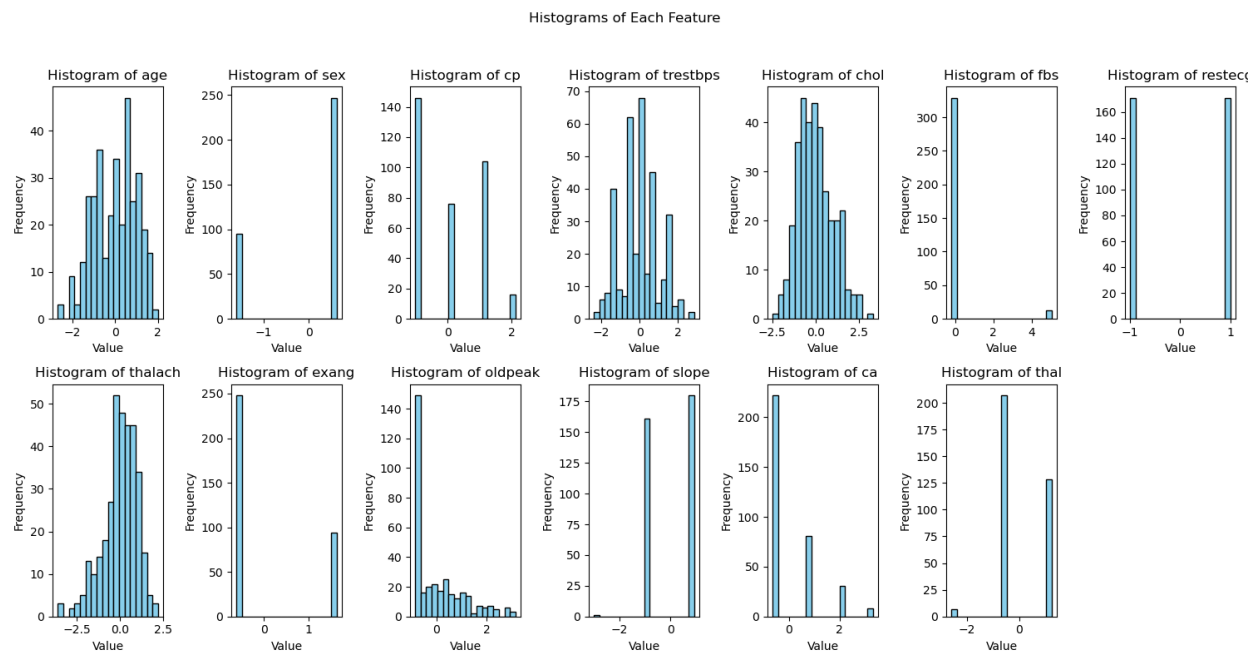


Supplementary Information – Heart Disease Classification with Multilayer Perceptron

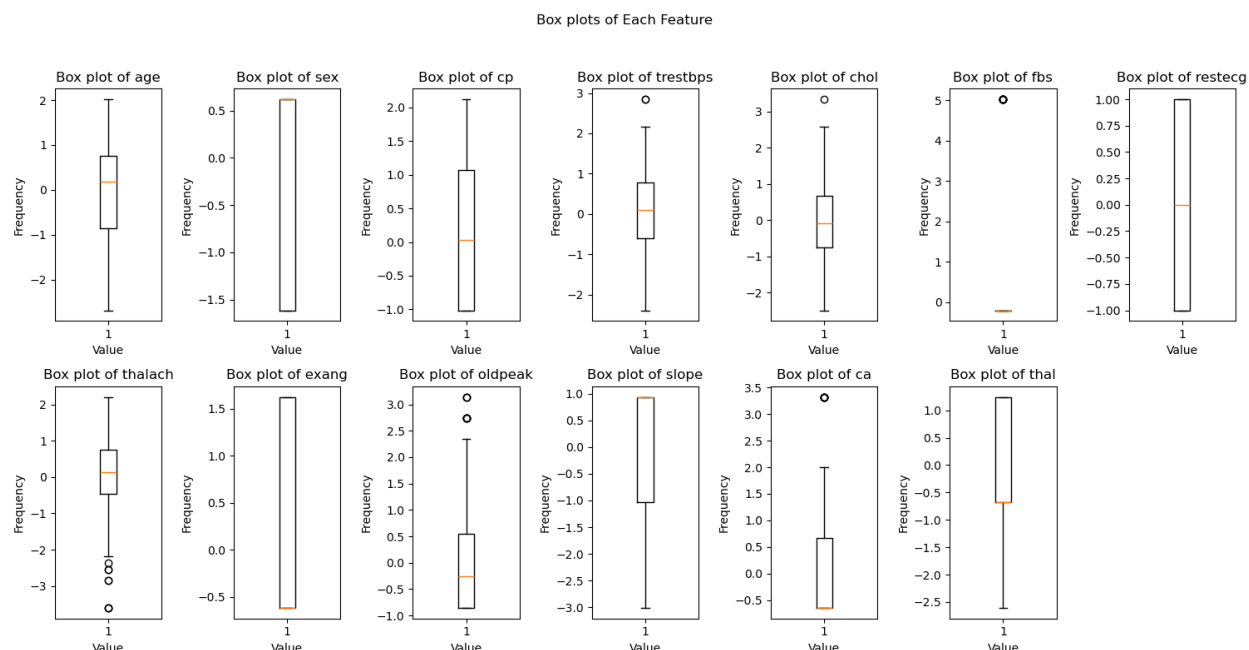
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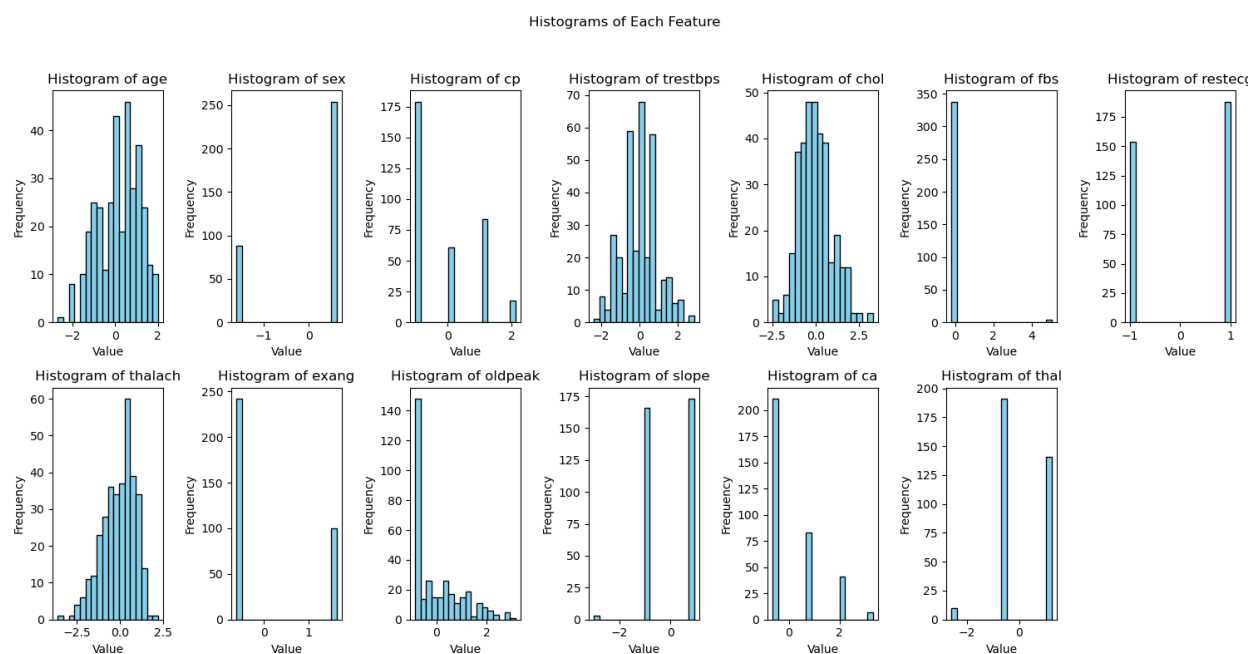
Supplementary Figure 1. The Isolation Forest algorithm creates a boundary between inliers and outliers [1]. All data outside of the boundary (outliers) are removed.



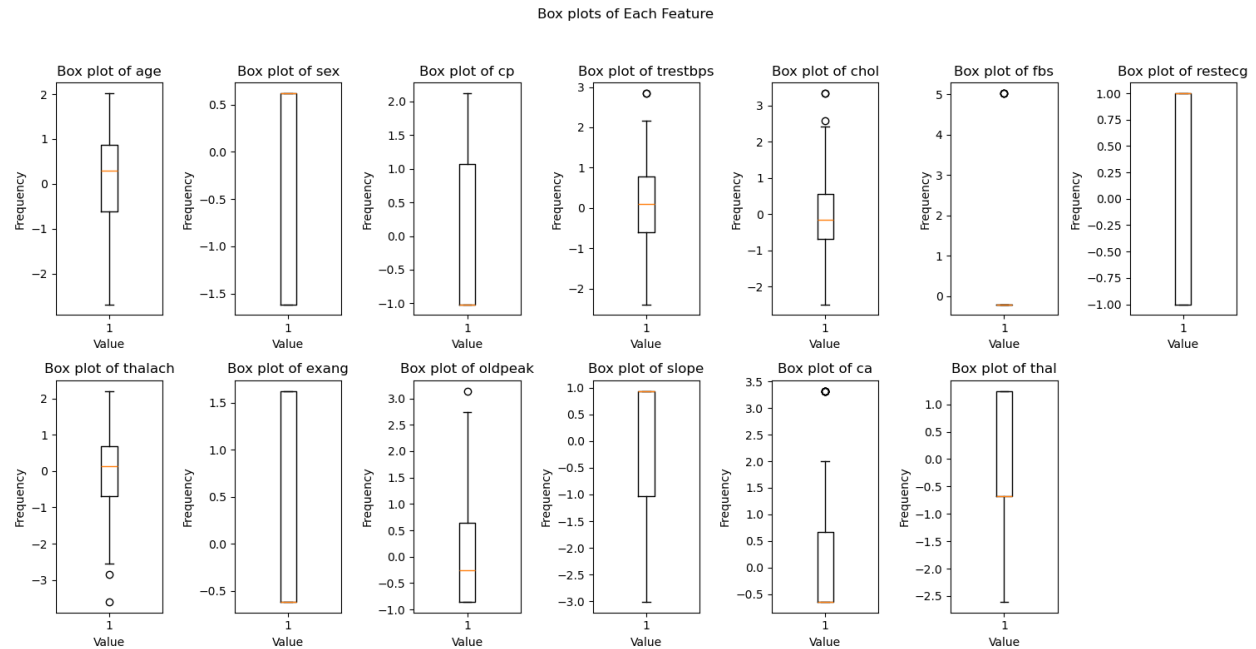
Supplementary Figure 2. Histogram of each feature within the training data after outlier removal and standardization.



Supplementary Figure 3. Boxplot of each feature within the training data after outlier removal and standardization.



Supplementary Figure 4. Histogram of each feature within the testing data after outlier removal and standardization.



Supplementary Figure 5. Boxplot of each feature within the testing data after outlier removal and standardization.

References

1. "IsolationForest example," Scikit Learn. [Online]. Available: https://scikit-learn.org/stable/auto_examples/ensemble/plot_isolation_forest.html. [Accessed: Dec. 9, 2024].