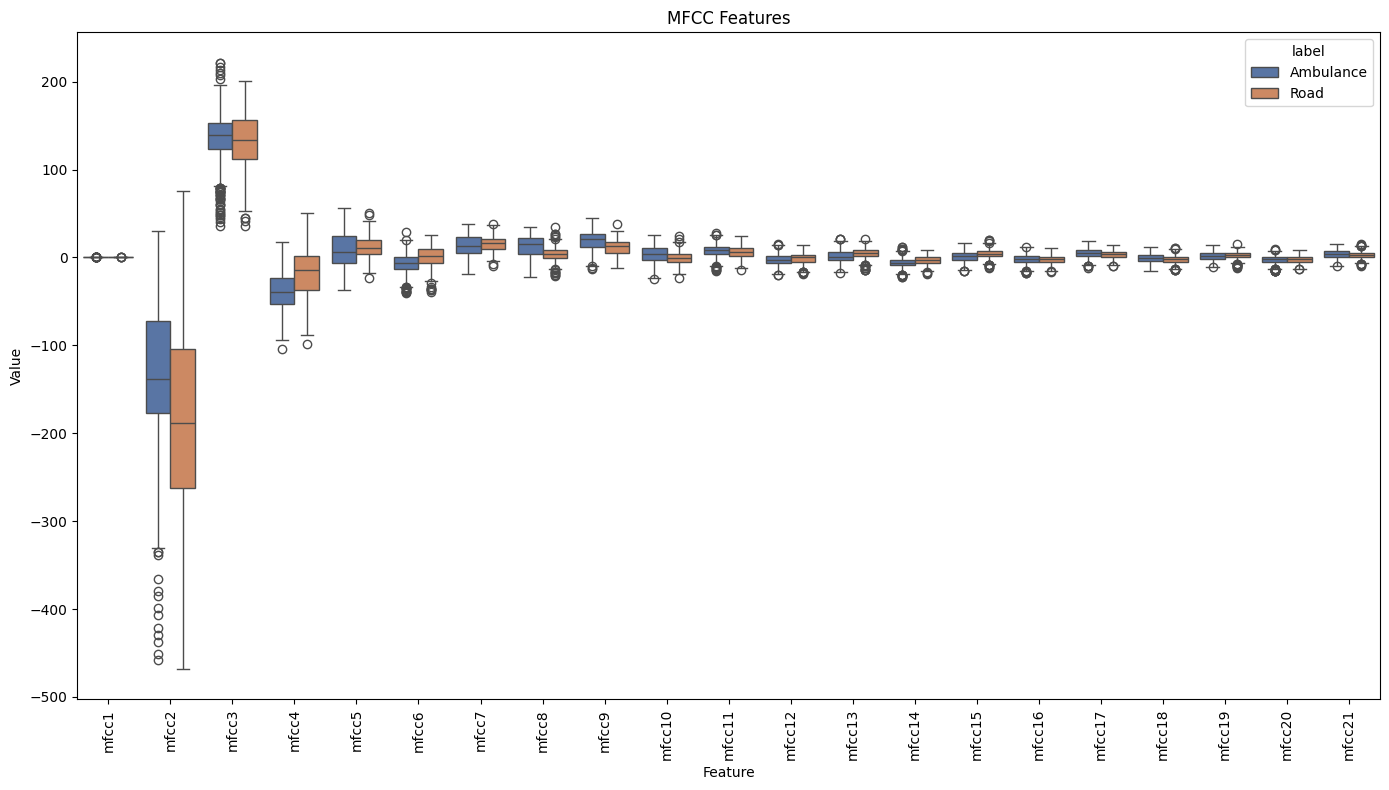
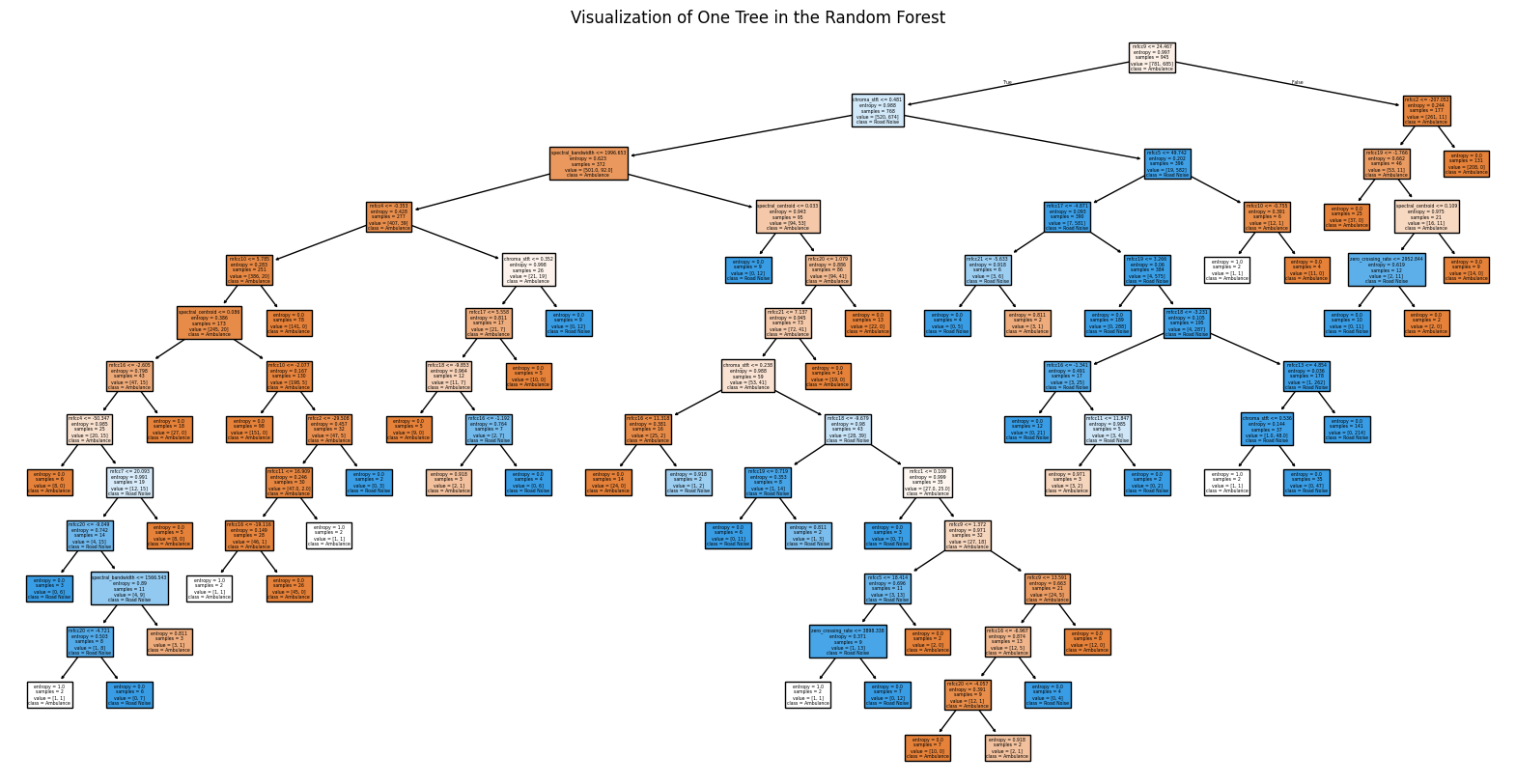


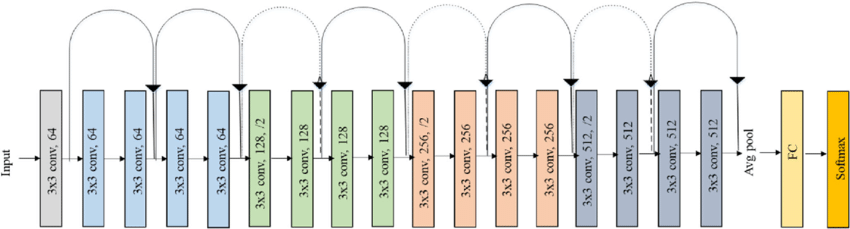
*Figure 1: Audio Feature Median Values For Ambulance vs. Road Noise (log scale)*



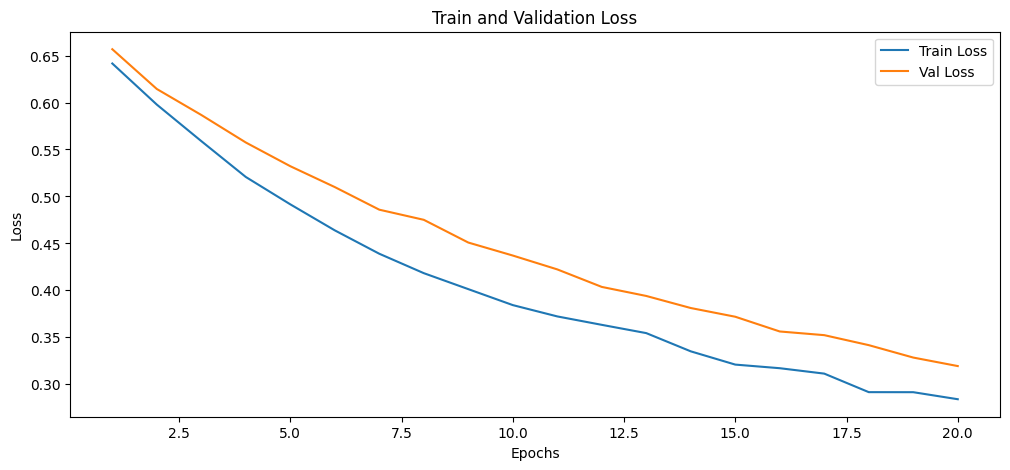
*Figure 2: Boxplots of MFCC Feature Values For Ambulance vs. Road Noise*

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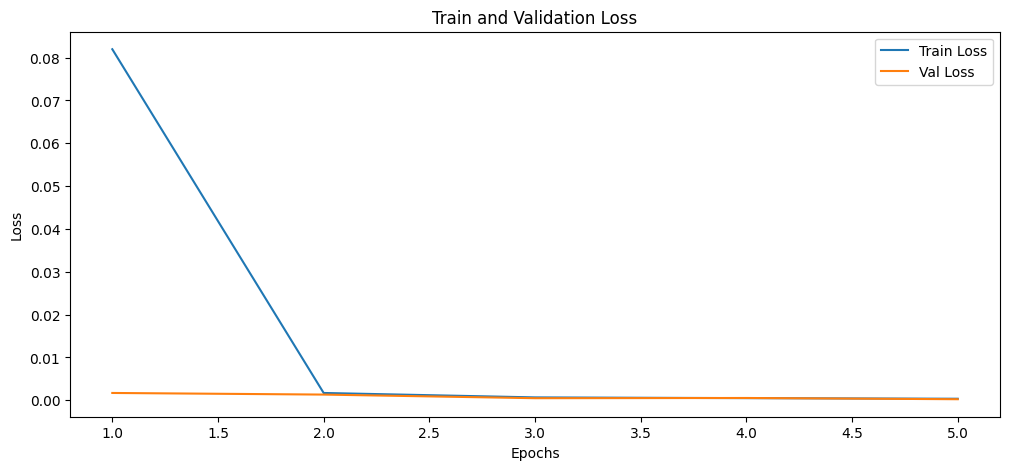
*Figure 3: Visualization of one tree in the Random Forest Model*

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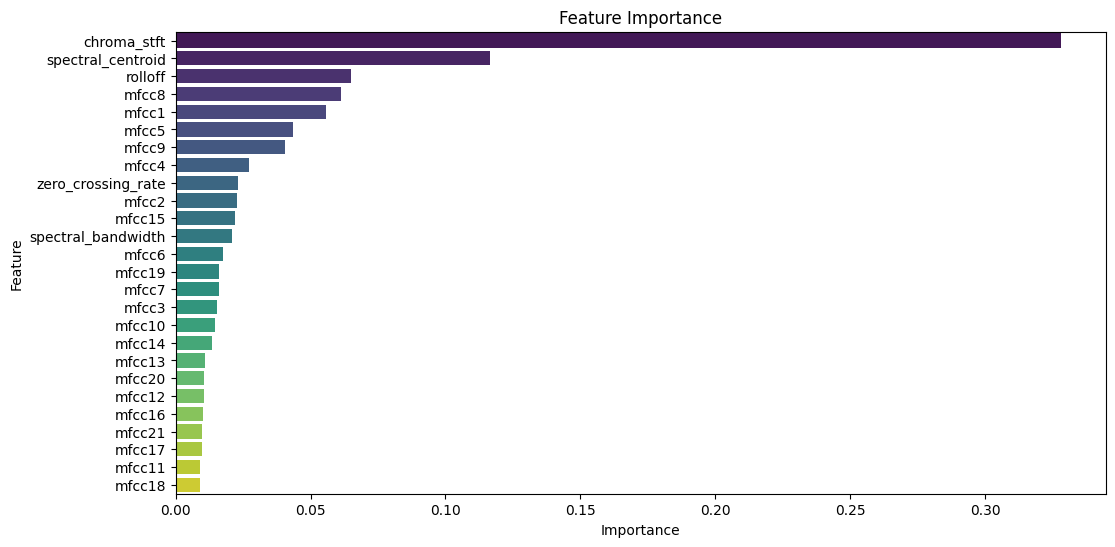
*Figure 4: ResNet Architecture from [5]*

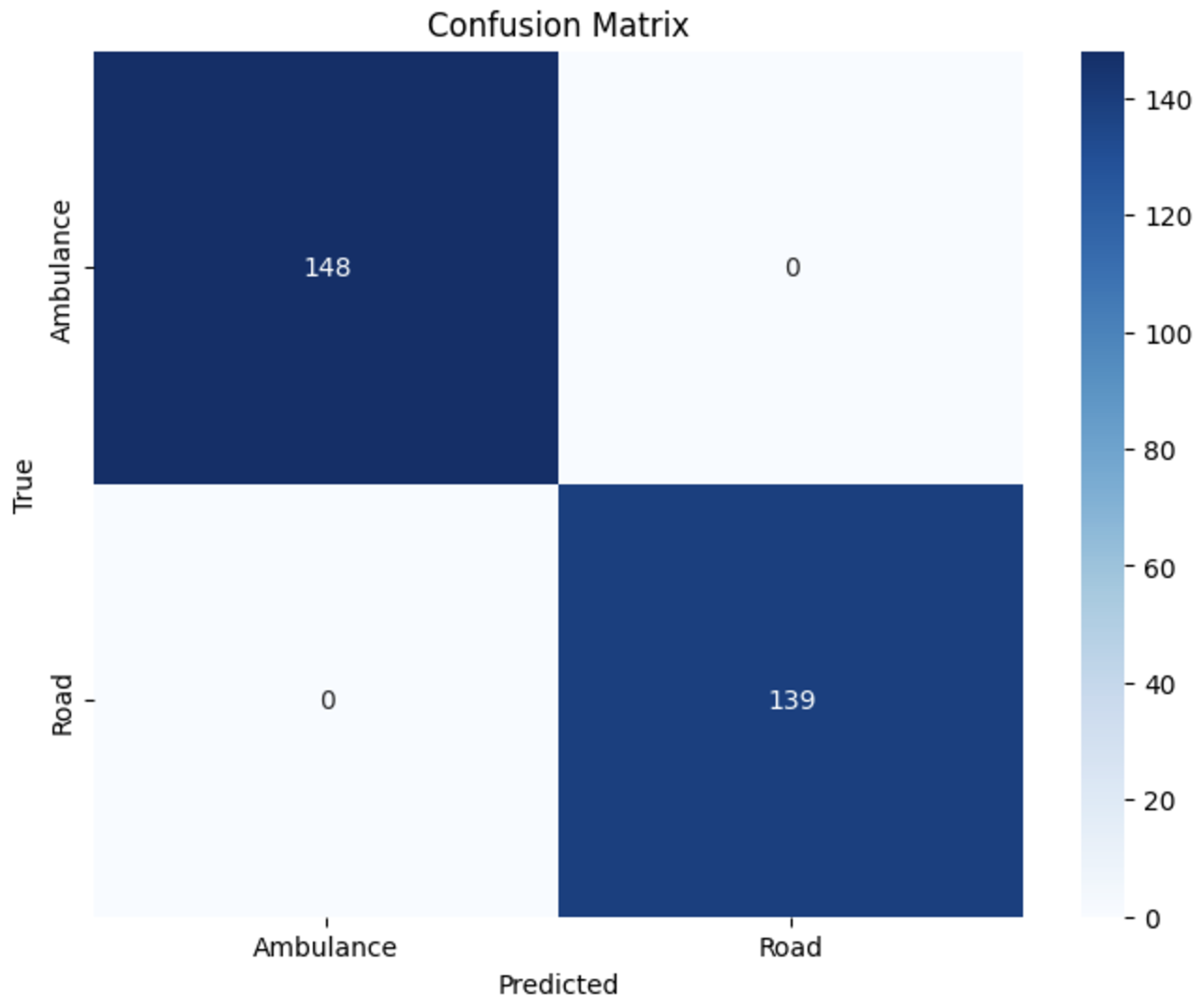
**

*Figure 5: Phase 1 - Training and Validation Loss by Epoch Curve*



*Figure 6: Phase 2 - Training and Validation Loss by Epoch Curve*

*Figure 7: Feature Importances for Random Forest Model*

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*Figure 8: Confusion Matrix of ResNet 18 model*