

# PrivML: Test Outputs

Timestamp: 2025-08-08 21:07:40

Model ID: Model 2

## Training Configuration

Dataset Path: data/Humans

Image Size: 192

Number of Images in Dataset: 1600

Train/Val Split: 75/15%

Random Seed: 500

Sample Output Count: 6

Epochs: 50

Batch Size: 16

Learning Rate: 0.001

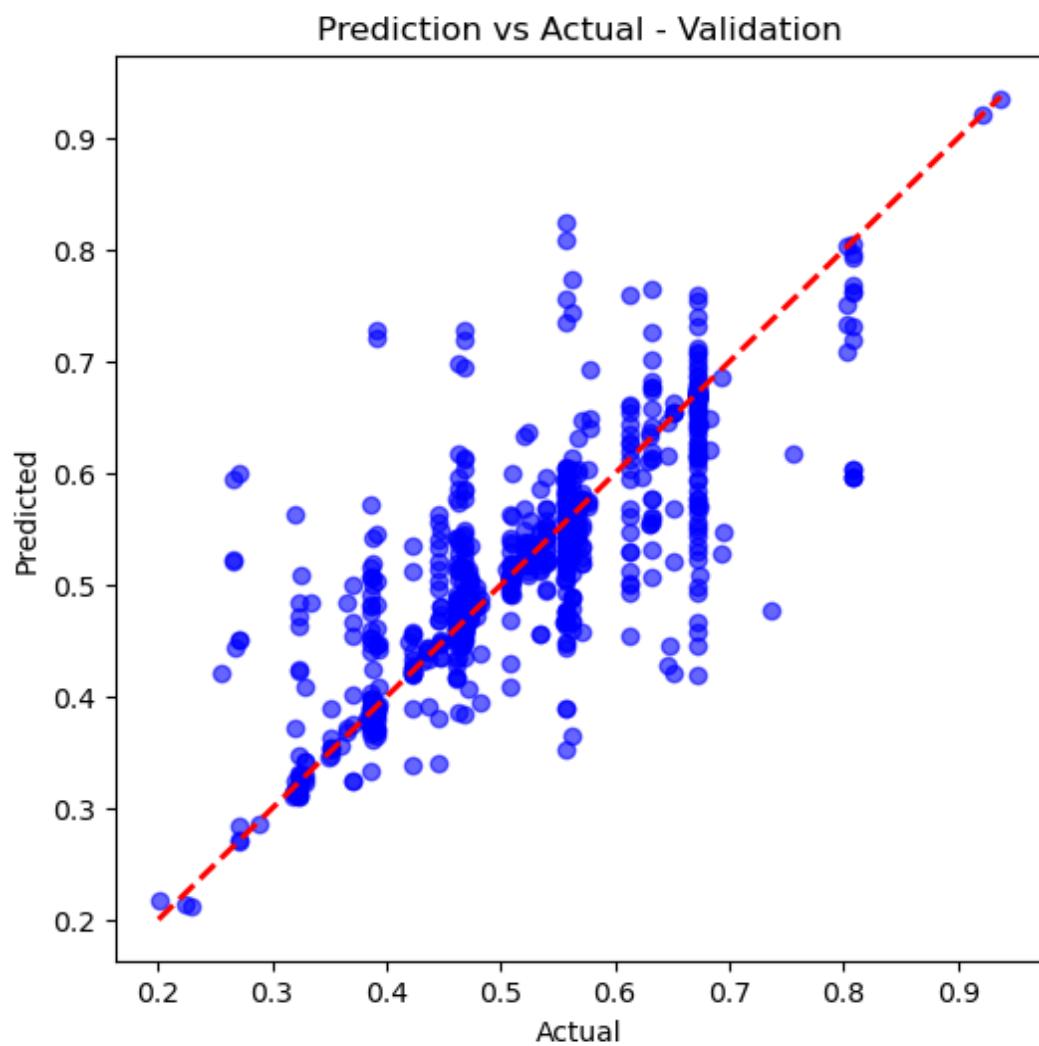
Optimizer: Adam

Loss Function: MSELoss

Activation Function: ReLU

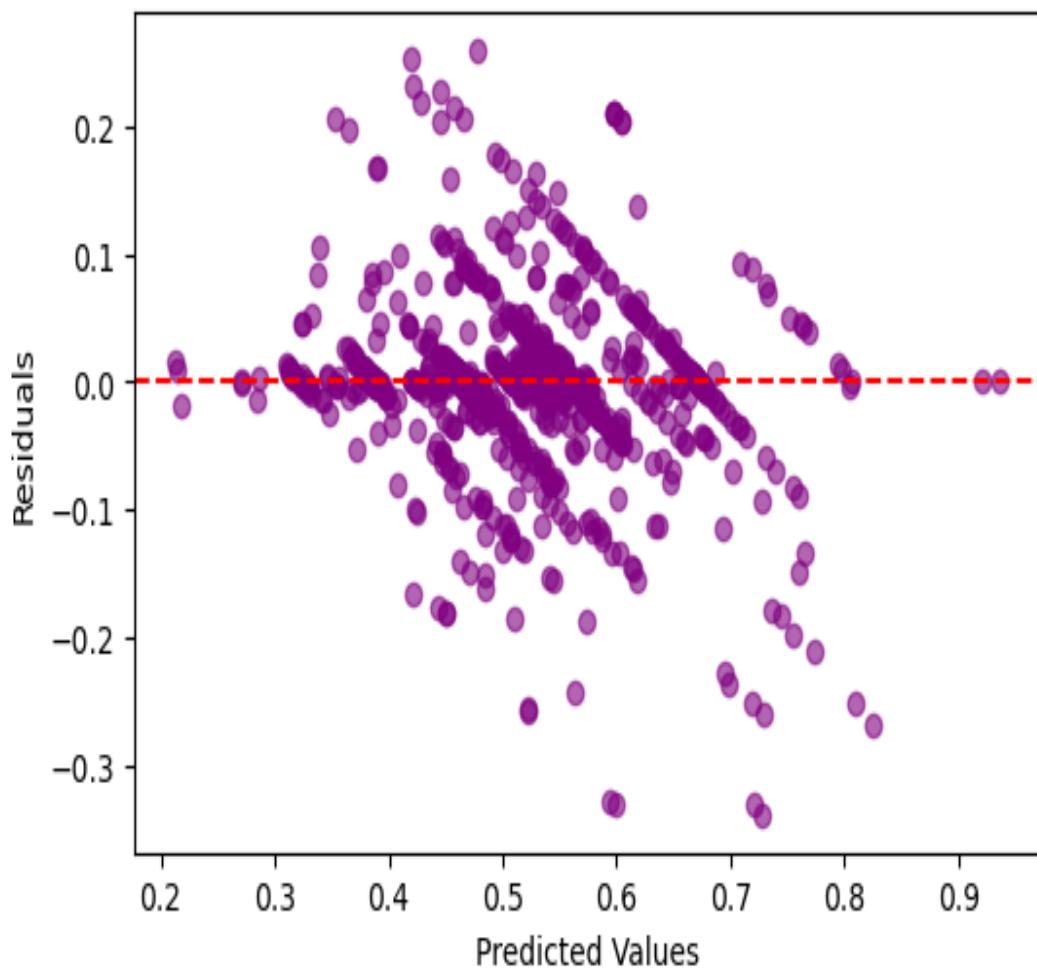
## Privacy-Preserving ML: ML Metrics Report

### *Prediction vs Plot - Validation*



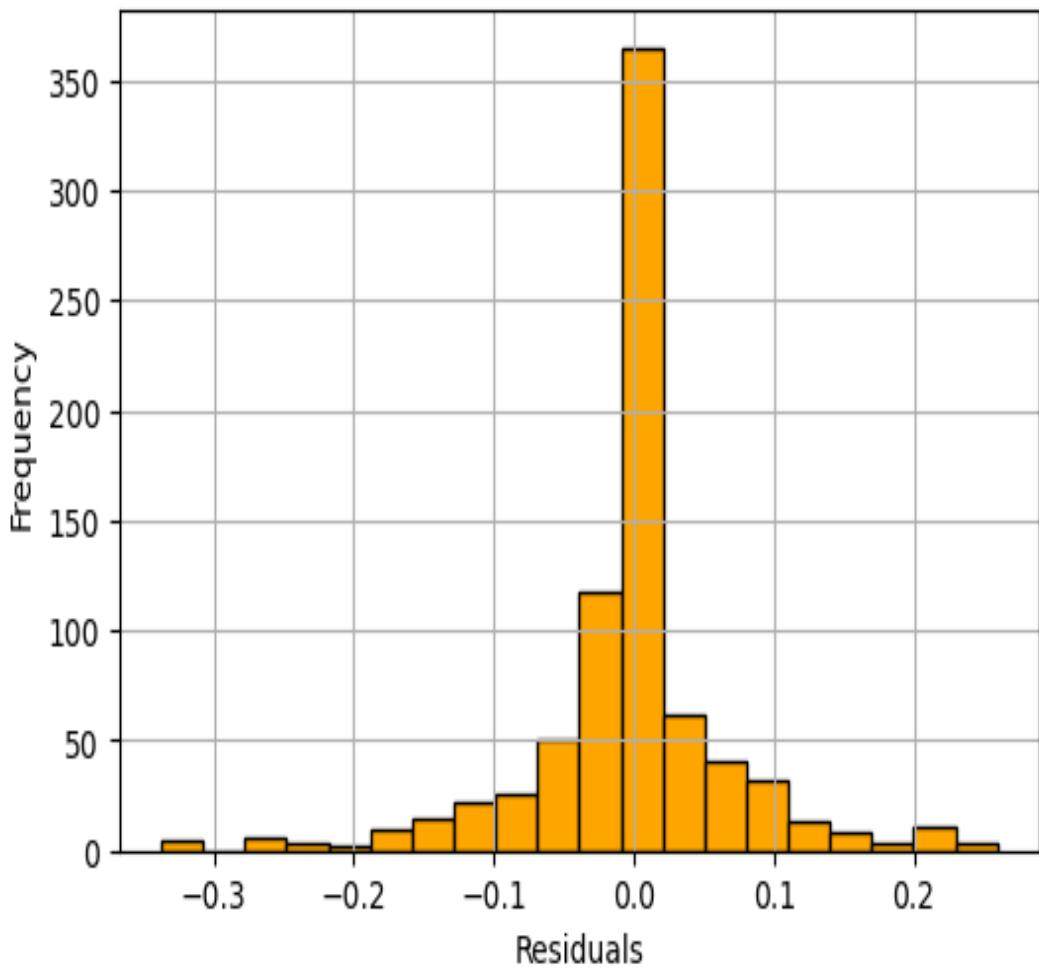
***Residual Plot - Validation***

Residual Plot - Validation

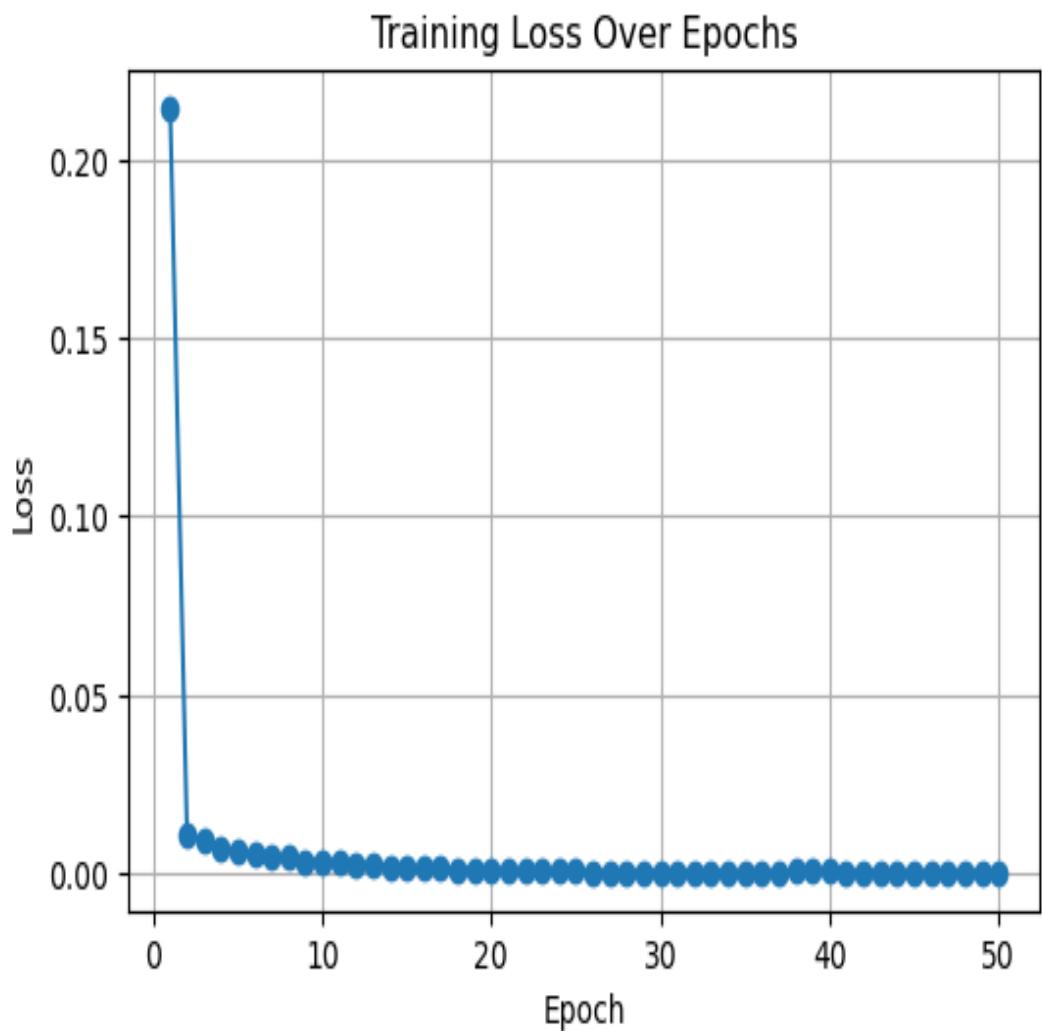


*Residual Histogram - Validation*

### Histogram of Residuals - FHE

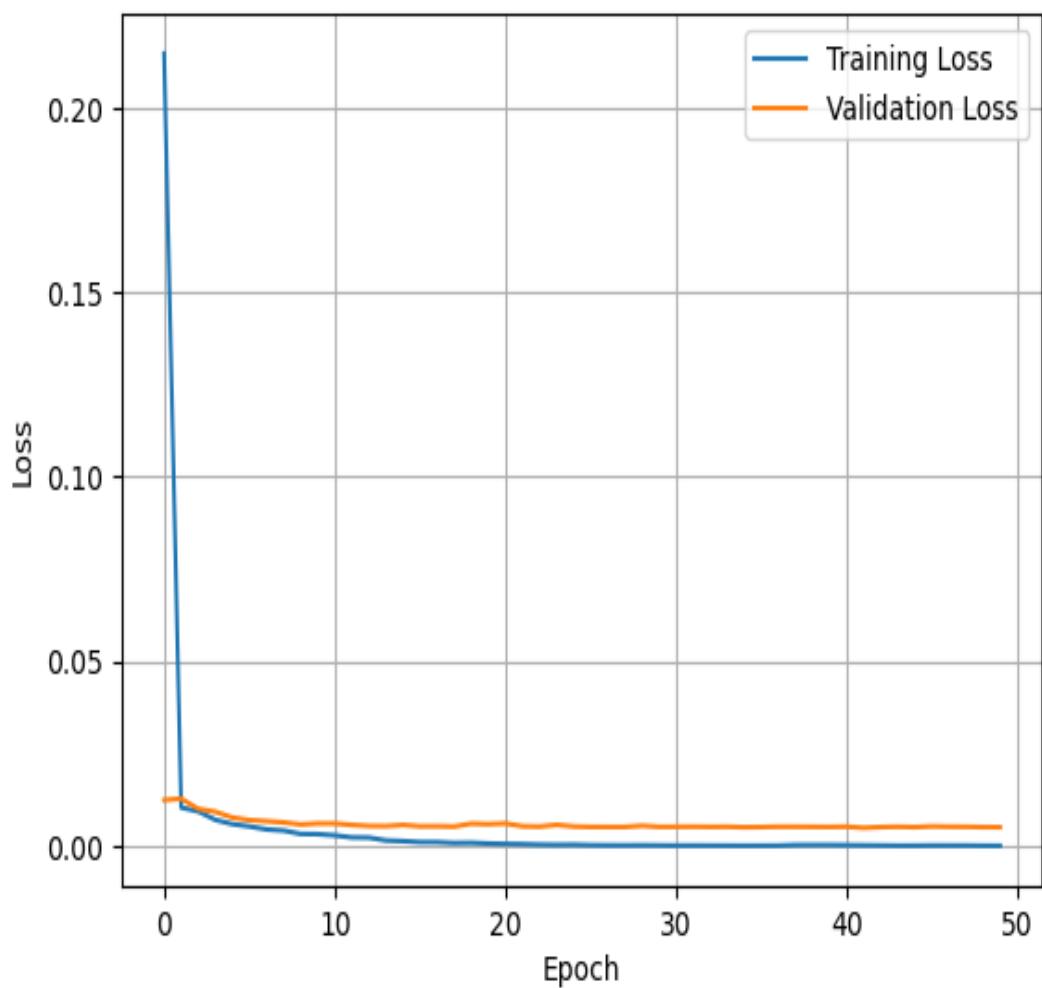


***Training Loss - Validation***



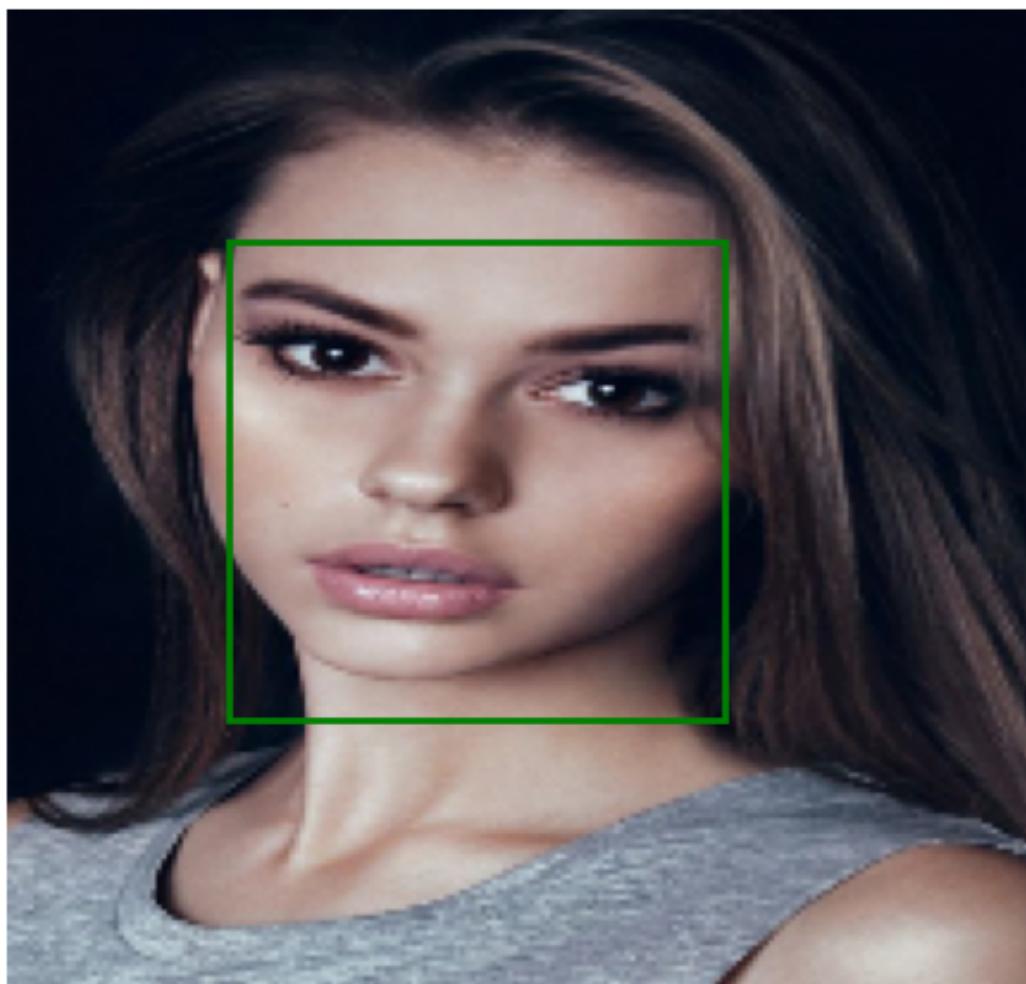
***Train vs Validation Loss - Validation***

### Validation - Train vs Validation Loss



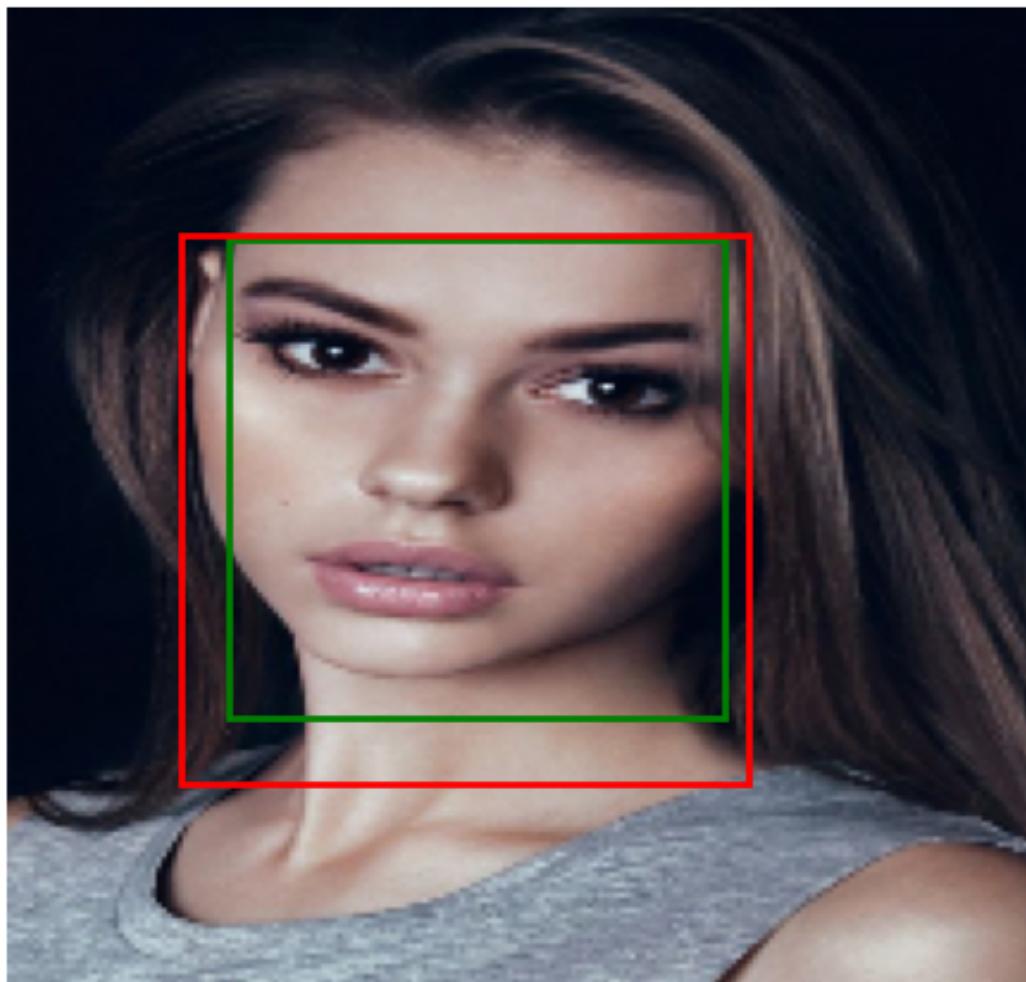
### *Model Prediction - Predicted Image*

Green: Predicted



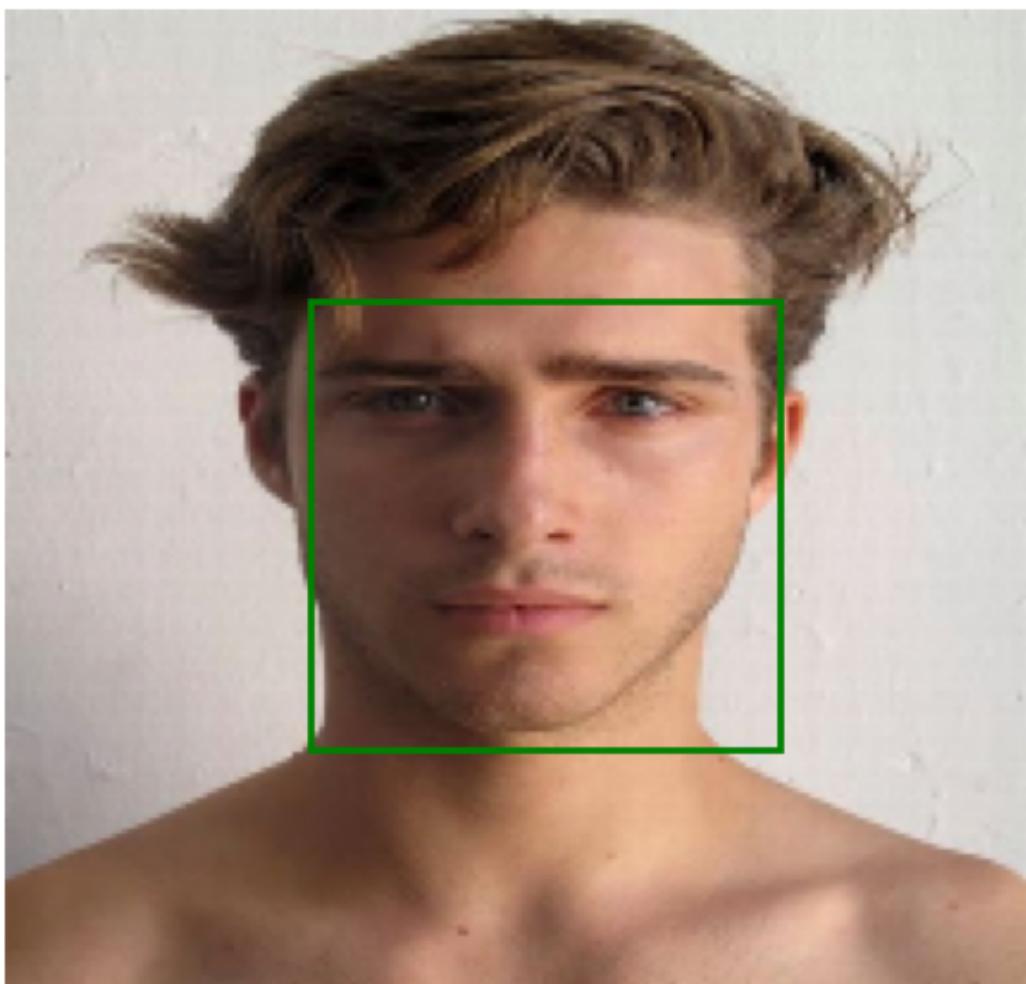
*Model Prediction - Predicted Image*

Green: Predicted | Red: Ground Truth



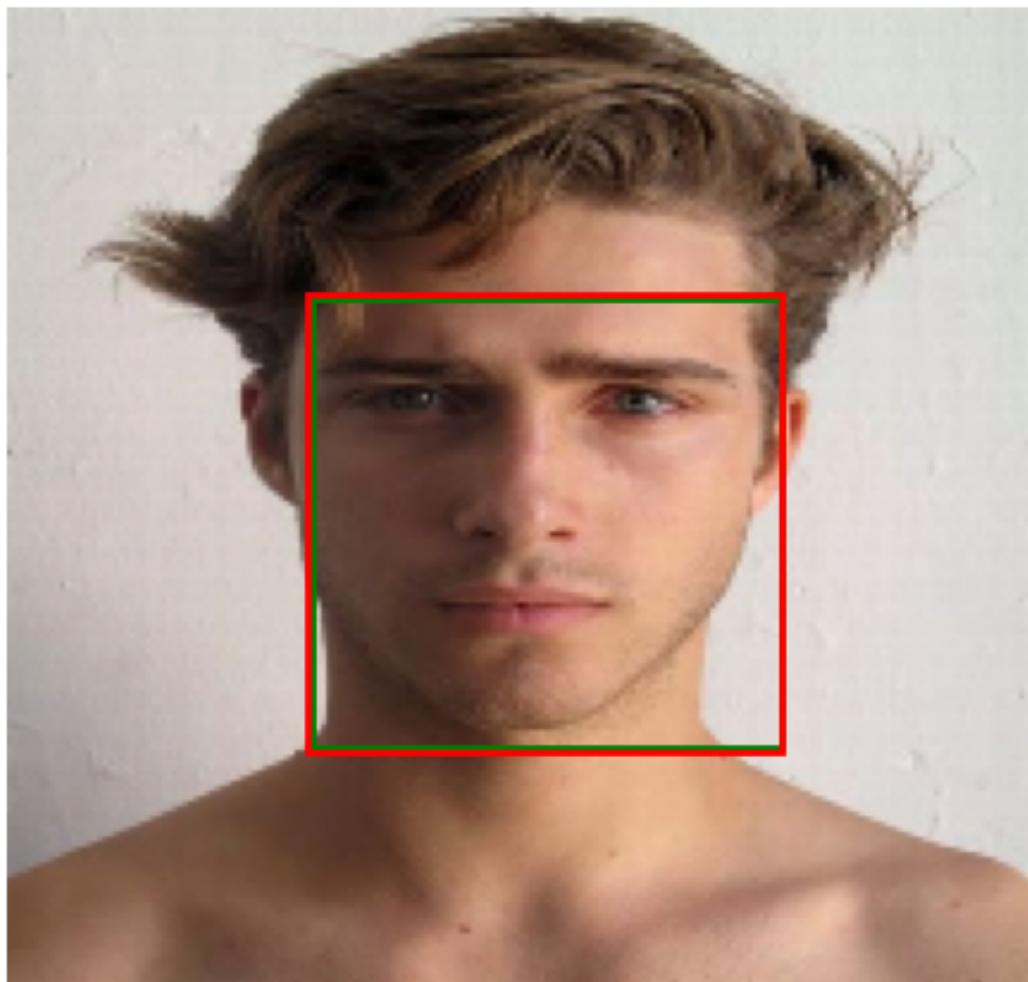
*Model Prediction - Predicted Image*

Green: Predicted



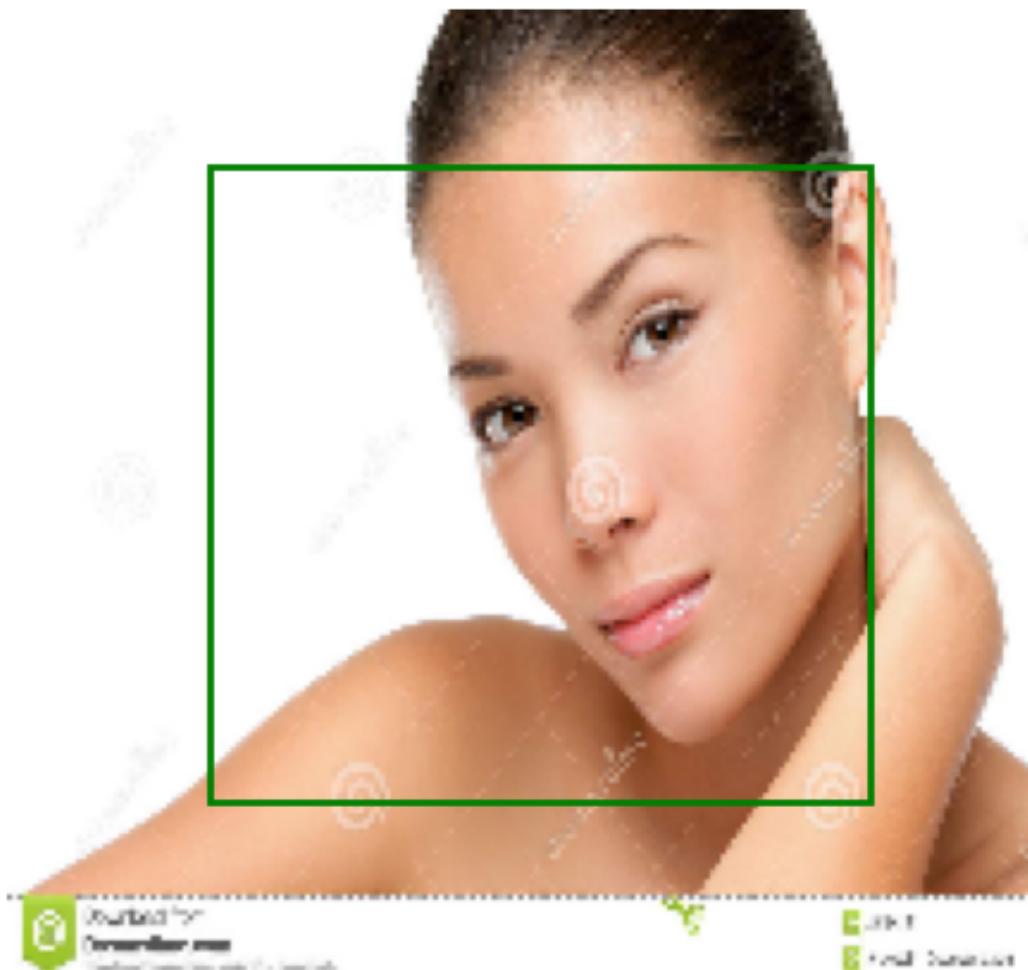
***Model Prediction - Predicted Image***

Green: Predicted | Red: Ground Truth



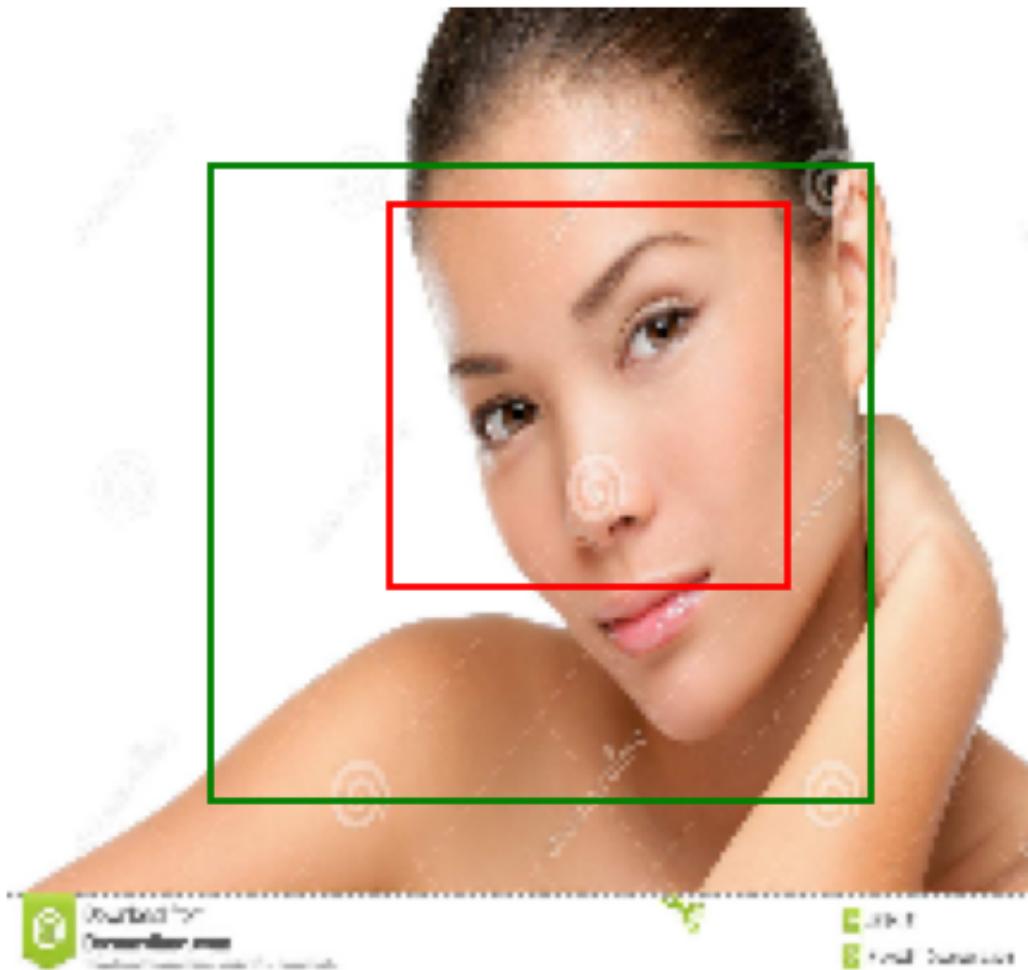
***Model Prediction - Predicted Image***

Green: Predicted



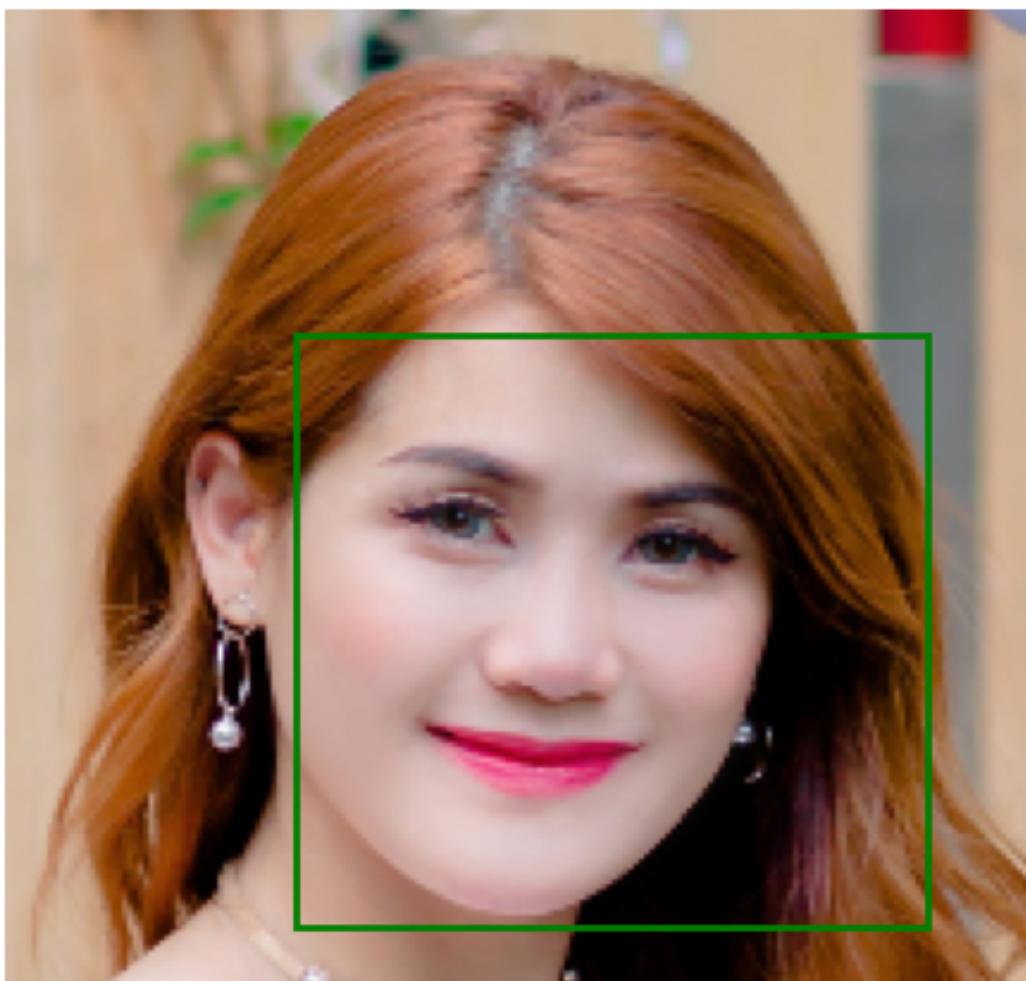
***Model Prediction - Predicted Image***

Green: Predicted | Red: Ground Truth



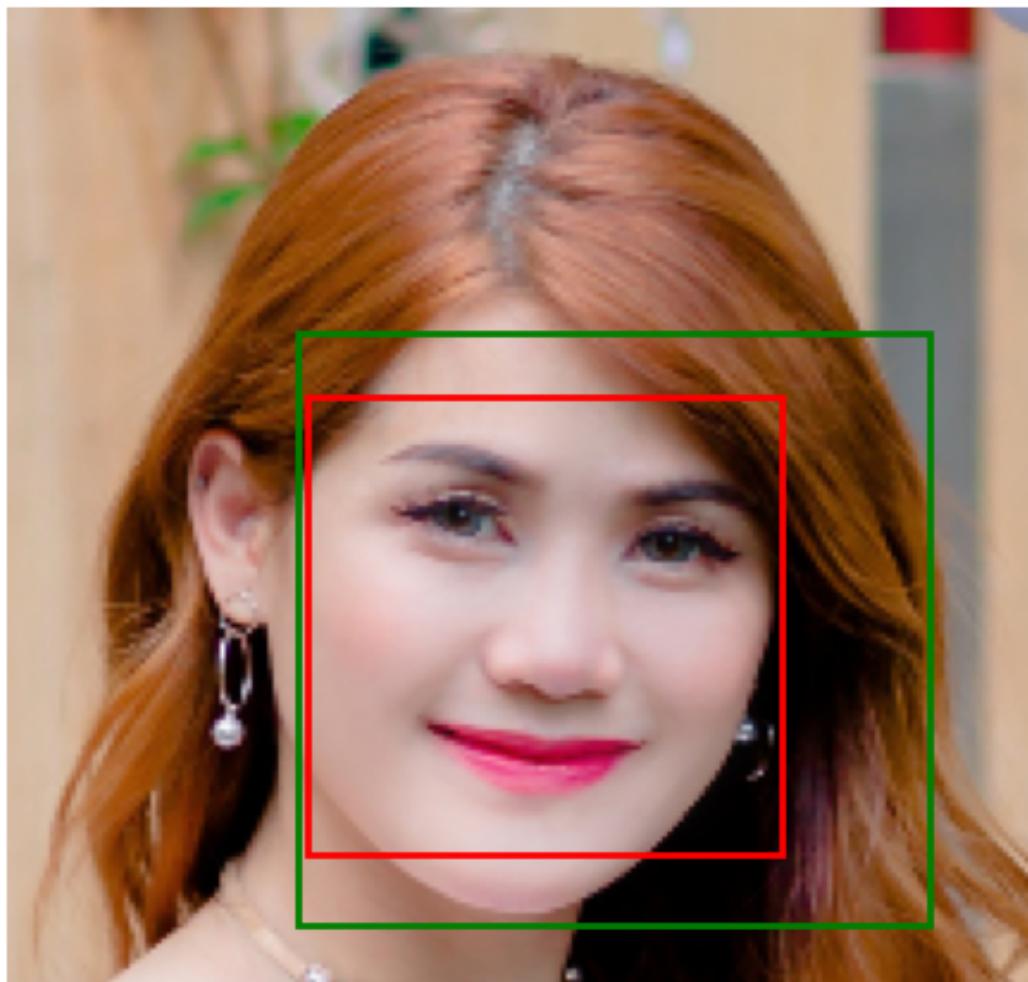
***Model Prediction - Predicted Image***

Green: Predicted



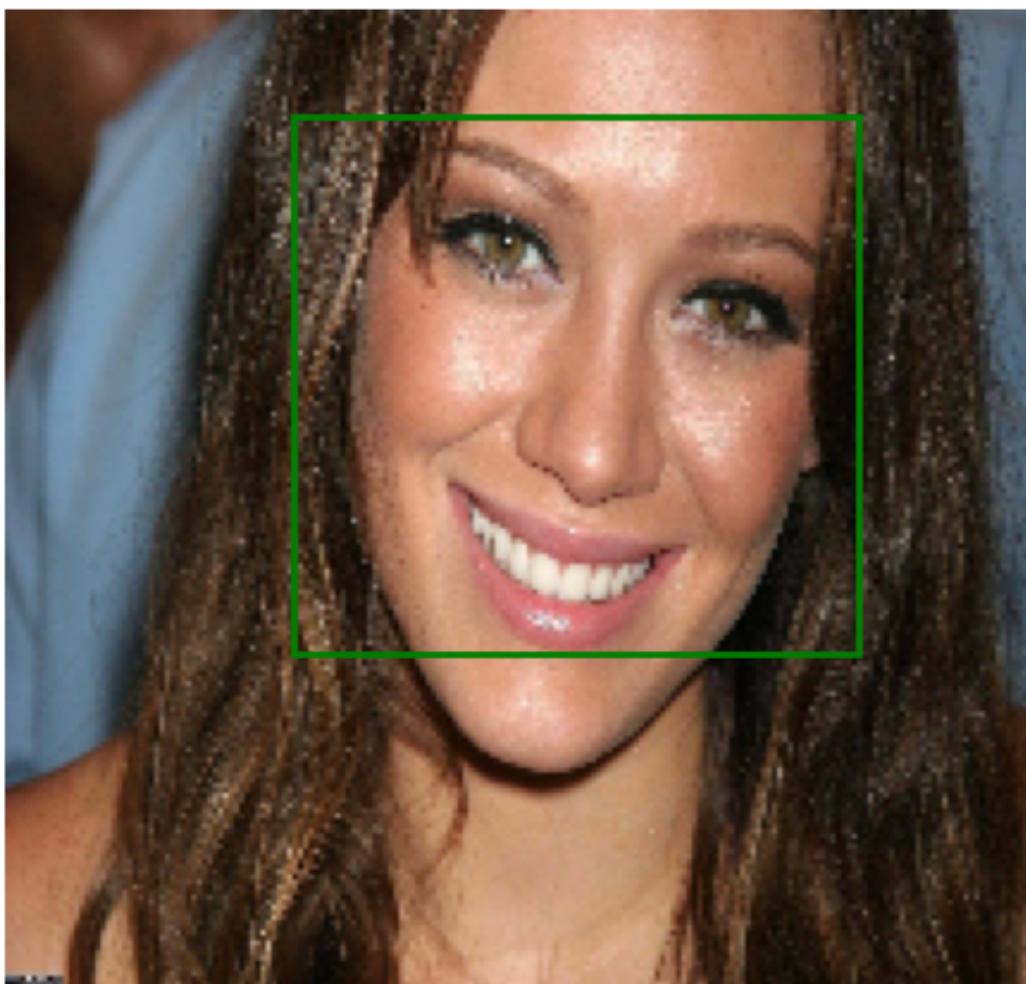
*Model Prediction - Predicted Image*

Green: Predicted | Red: Ground Truth



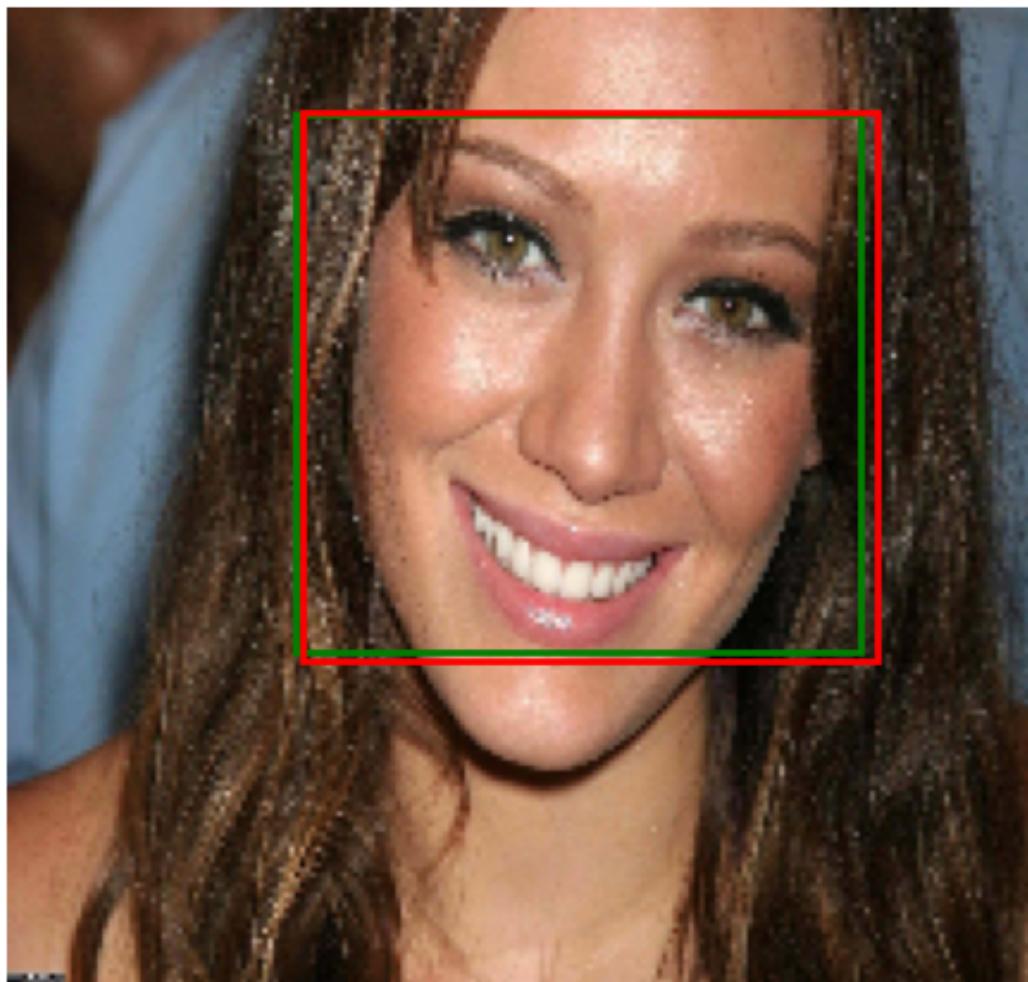
*Model Prediction - Predicted Image*

Green: Predicted



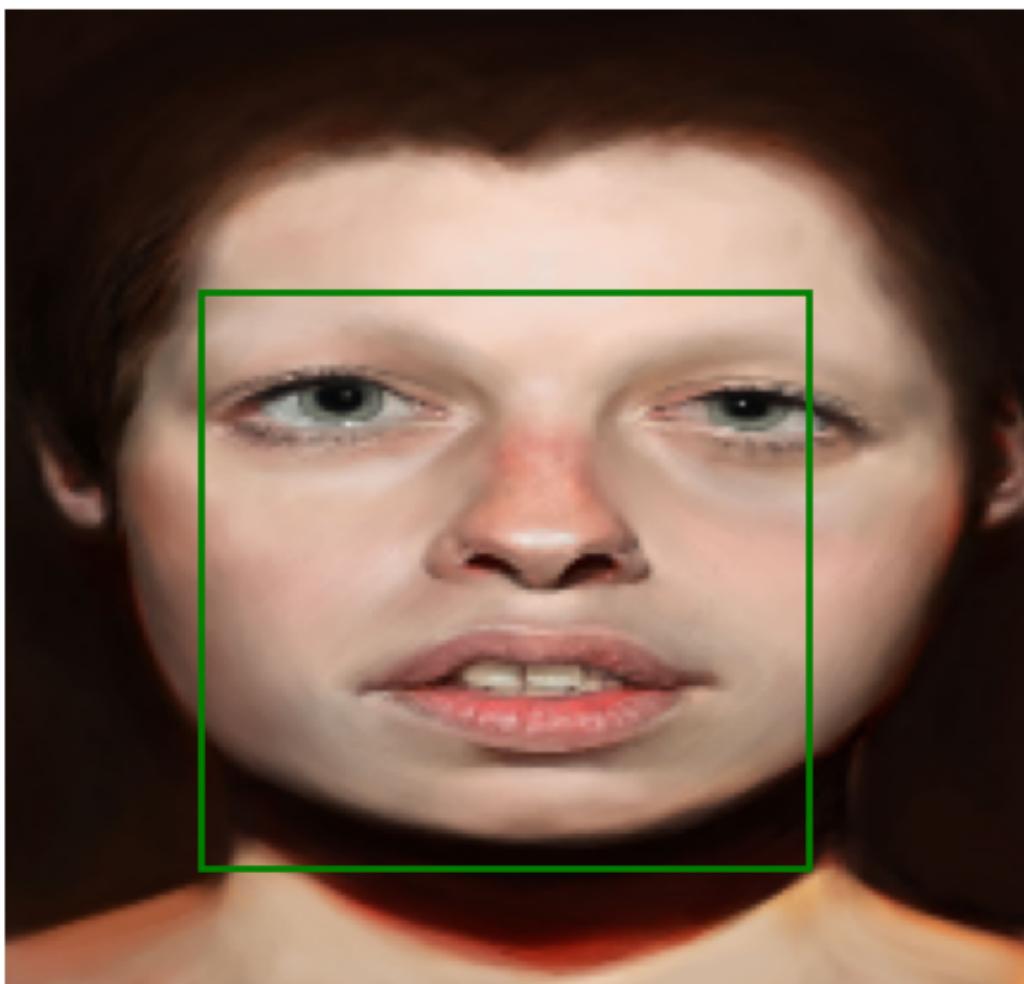
***Model Prediction - Predicted Image***

Green: Predicted | Red: Ground Truth



*Model Prediction - Predicted Image*

Green: Predicted



*Model Prediction - Predicted Image*

Green: Predicted | Red: Ground Truth

