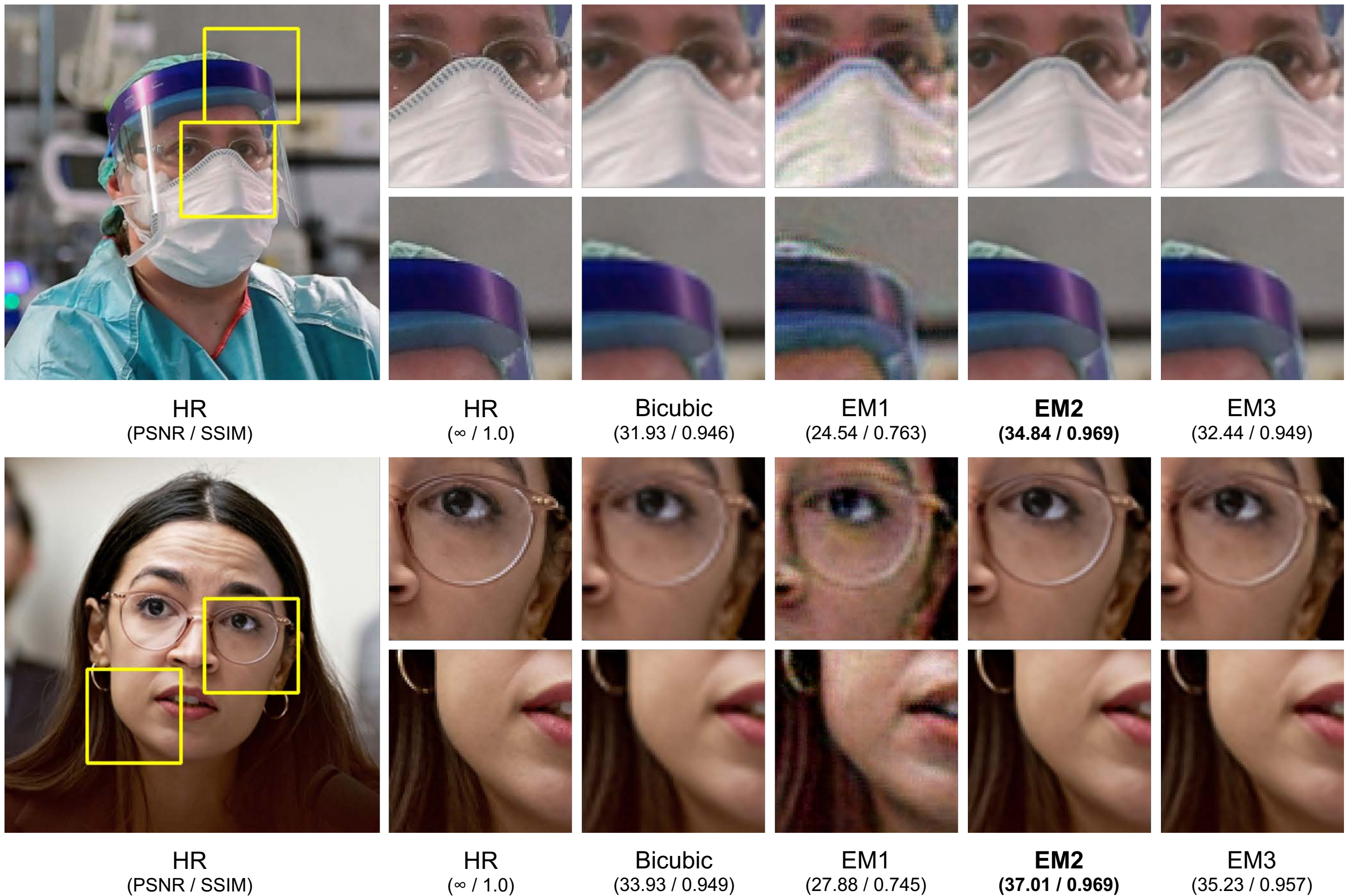


Improved Face Mask Detection with Super-Resolution Techniques

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Project Objectives:

This project aims to test if the application of super-resolution techniques improves face mask detection. The scope of this project includes building a dataset, building several neural network models, training those models for 2x and 4x upscaling factors on the prepared dataset and evaluating the results. The models were built by combining different super-resolution techniques with a Single Shot Detector base model to measure and compare the impact of the applied super-resolution techniques on the accuracy of face mask detection.

