

Figure S1. Confusion matrix, model performance measures, and receiver operating characteristic (ROC) curve for the EfficientNet algorithm. Precision: $TP/(TP+FP)$; Recall: $TP/(TP+FN)$; F1 score: $2 \times (\text{recall} \times \text{precision}) / (\text{recall} + \text{precision})$; support: actual occurrence of the class in the dataset. Values are showing the metrics for the independent test dataset (hold-out dataset).

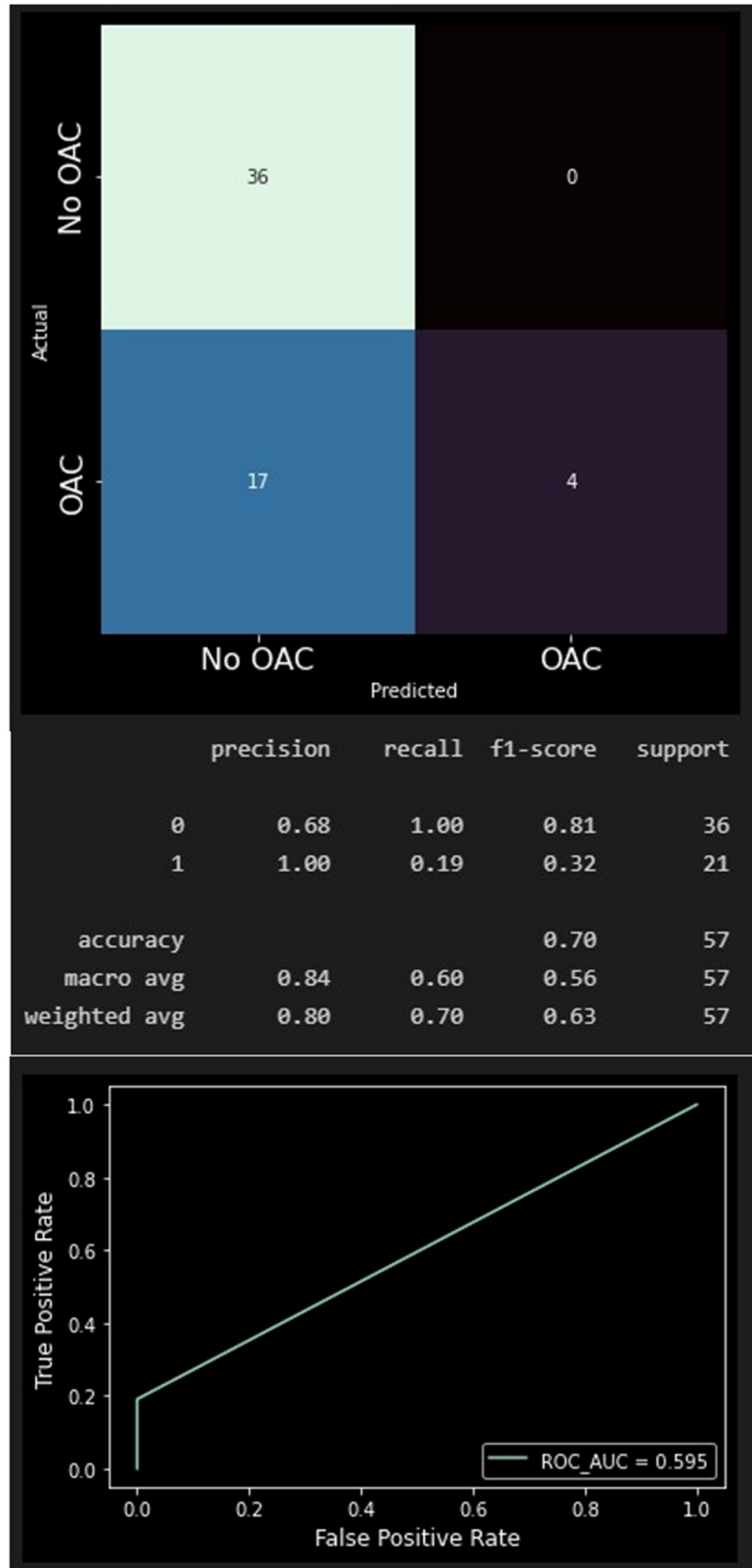


Figure S2. Confusion matrix, model performance measures and receiver operating characteristic (ROC) curve for the InceptionV3 algorithm. Precision: $TP/(TP+FP)$; Recall: $TP/(TP+FN)$; F1 score: $2 \cdot (\text{recall} \cdot \text{precision}) / (\text{recall} + \text{precision})$; support: actual occurrence of the class in the dataset. Values are showing the metrics for the independent test dataset (hold-out dataset).

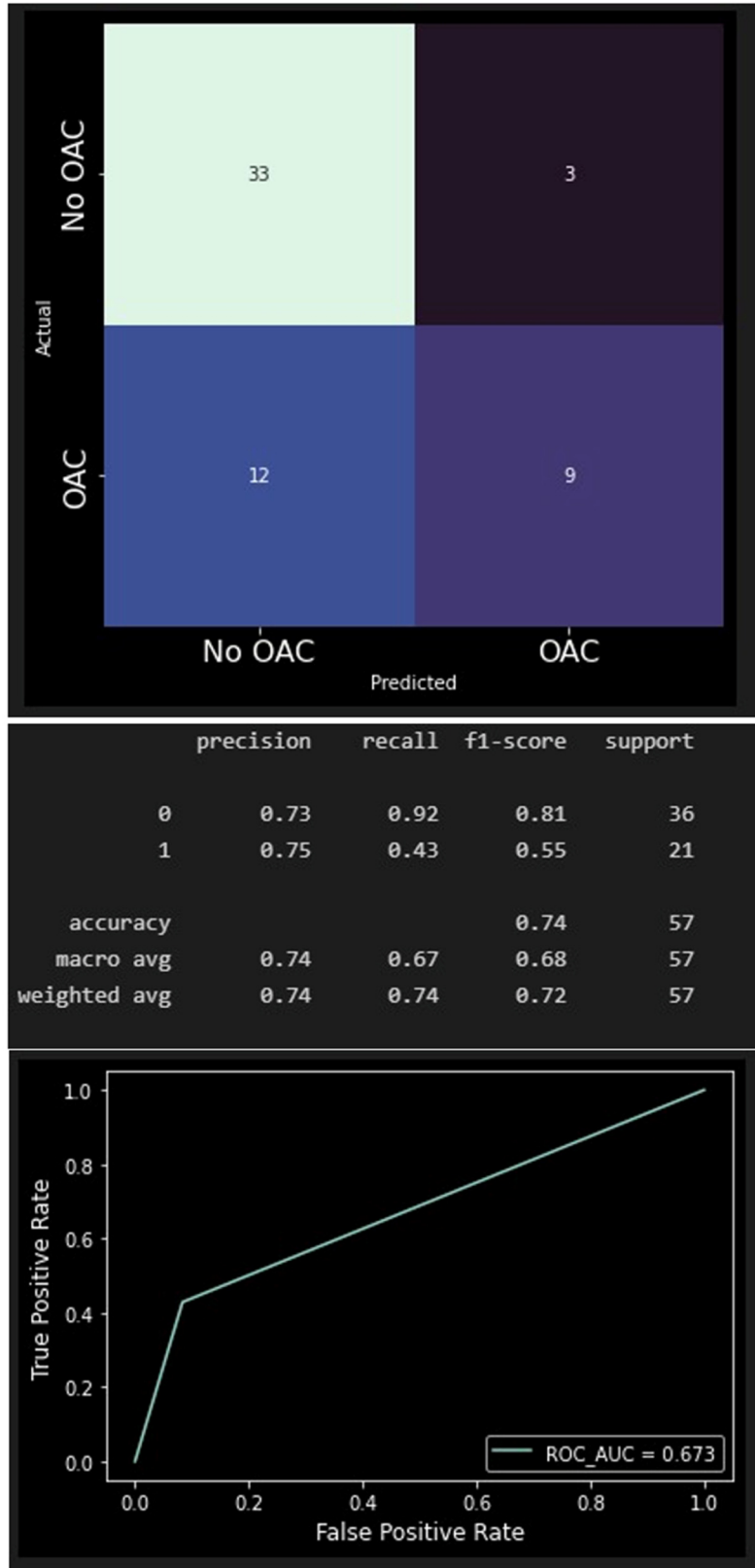


Figure S3. Confusion matrix, model performance measures and receiver operating characteristic (ROC) curve for the MobileNetV2 algorithm. Precision: $TP/(TP+FP)$; Recall: $TP/(TP+FN)$; F1 score: $2 \times (\text{recall} \times \text{precision}) / (\text{recall} + \text{precision})$; support: actual occurrence of the class in the dataset. Values are showing the metrics for the independent test dataset (hold-out dataset).

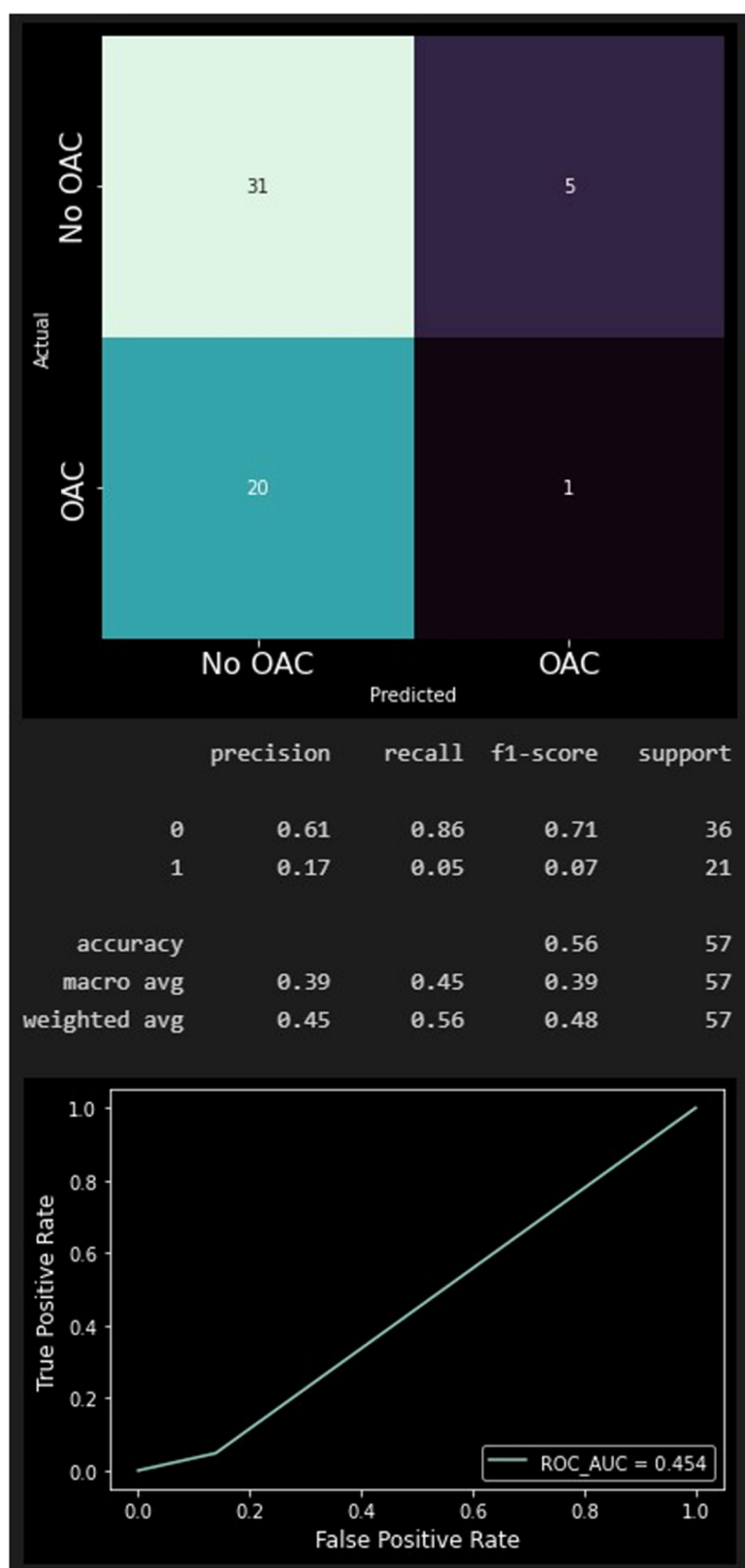


Figure S4. Confusion matrix, model performance measures and receiver operating characteristic (ROC) curve for the ResNet50 algorithm. Precision: $TP/(TP+FP)$; Recall: $TP/(TP+FN)$; F1 score: $2 \cdot (\text{recall} \cdot \text{precision}) / (\text{recall} + \text{precision})$; support: actual occurrence of the class in the dataset. Values are showing the metrics for the independent test dataset (hold-out dataset).

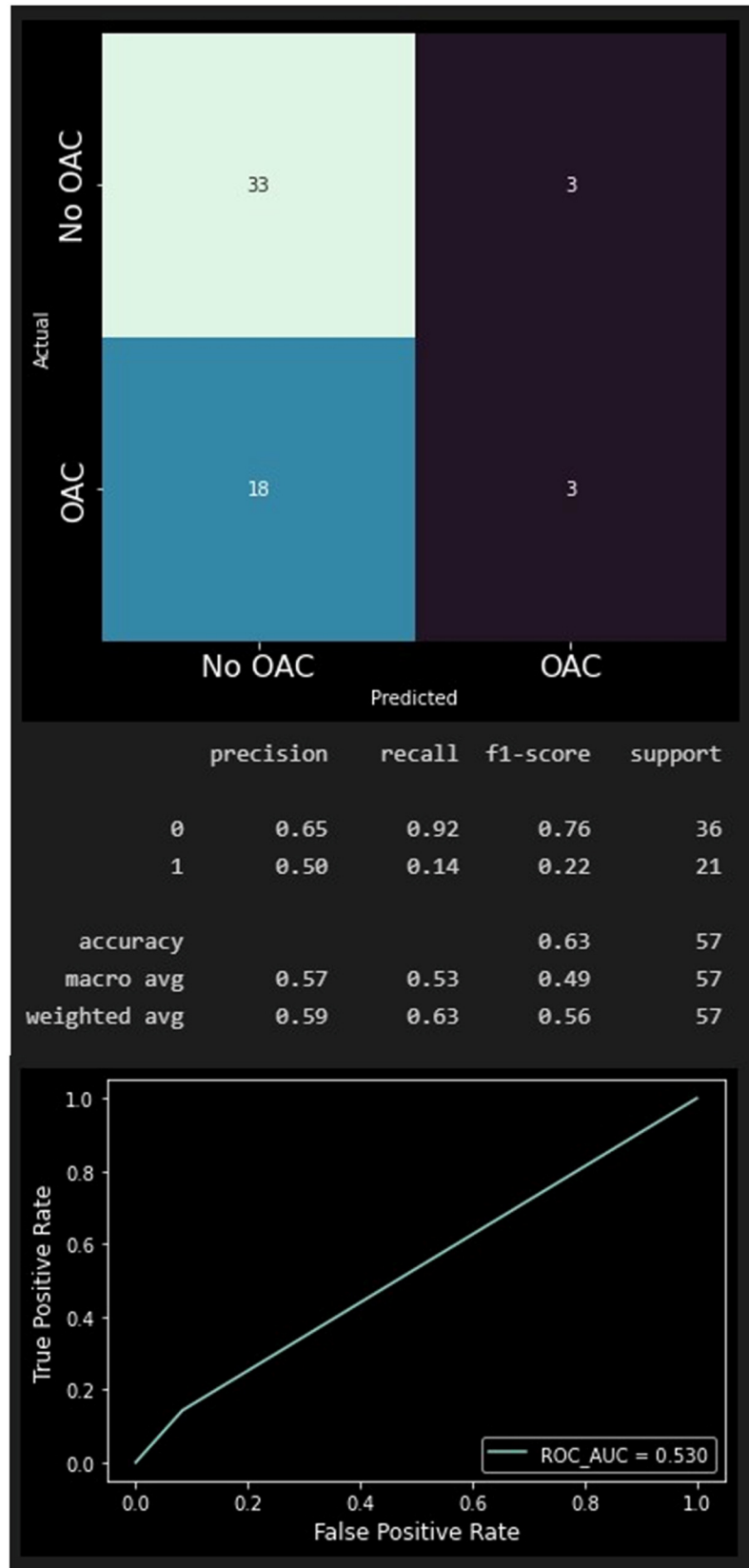


Figure S5. Confusion matrix, model performance measures, and receiver operating characteristic (ROC) curve for the VGG16 algorithm. Precision: $TP/(TP+FP)$; Recall: $TP/(TP+FN)$; F1 score: $2 \cdot (\text{recall} \cdot \text{precision}) / (\text{recall} + \text{precision})$; support: actual occurrence of the class in the dataset. Values are showing the metrics for the independent test dataset (hold-out dataset).