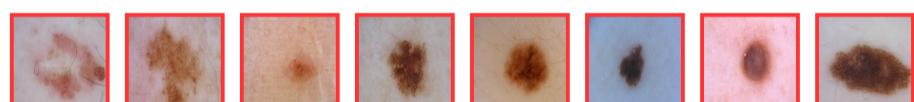


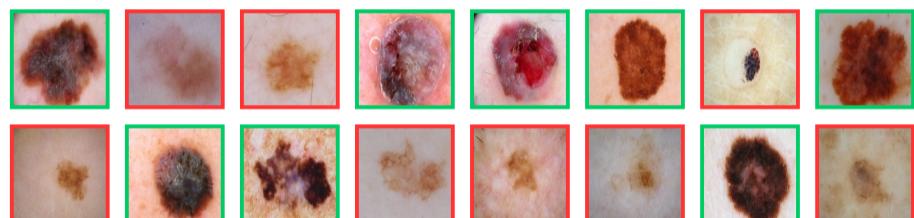
The utilization of the FBGT and FAGT methods, which incorporate the CosSIF algorithm, is being applied to the malignant class of the ISIC-2016 dataset.

### FBGT

$S^c = \text{Benign (Real Images)}$

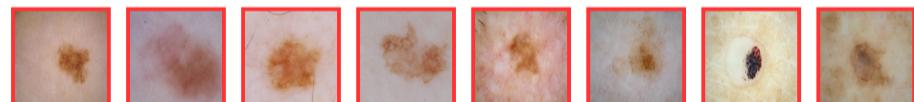


$T^c = \text{Malignant (Real Images)}$



CosSIF

Removed benign like malignant images



Filtered malignant images



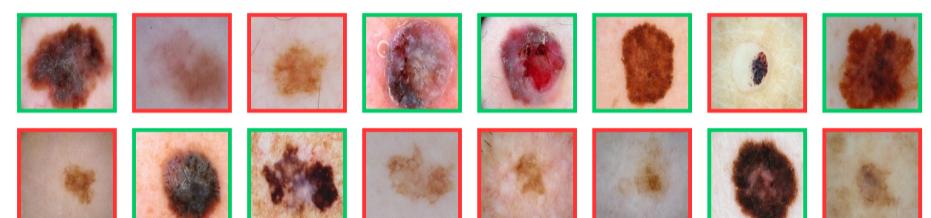
GAN

$T_{\text{filtered}}^{[c]} = \text{Filtered synthetic malignant images}$



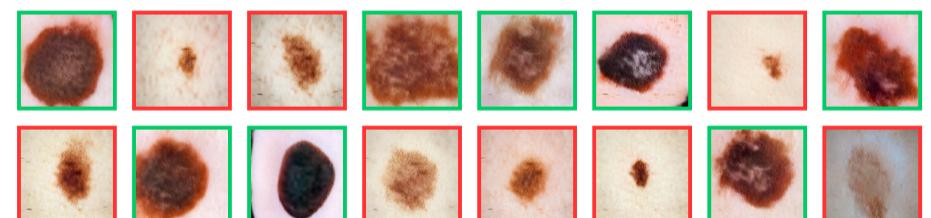
### FAGT

$S^c = \text{Malignant (Real Images)}$



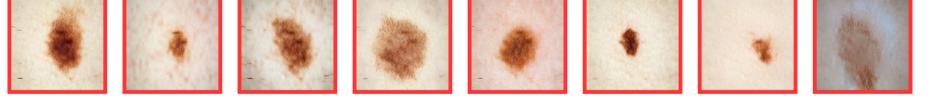
GAN

$T^c = \text{Synthetic malignant images (Includes benign like images)}$



CosSIF

Removed benign like synthetic malignant images



$T_{\text{filtered}}^{[c]} = \text{Filtered synthetic malignant images}$

