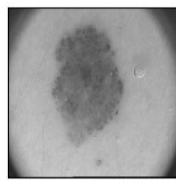


# LAMPIRAN

### Lampiran 1. Hasil Uji Akurasi berdasarkan ukuran citra & *neighbors*

Image size 256 x 256 & *neighbors* 4x4 :

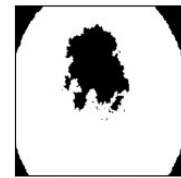
Parameter	Result
Accuracy	0.6443344116
Precision	0.7330649365
Recall	0.6987245853



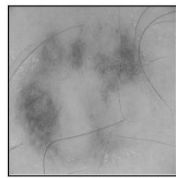
True Label: IMD164



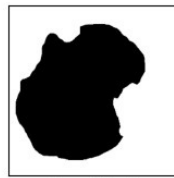
Ground Truth



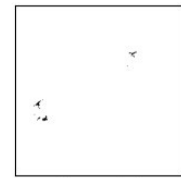
Segmented



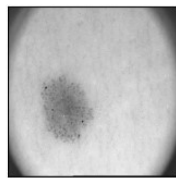
True Label: IMD014



Ground Truth



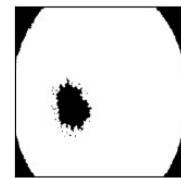
Segmented



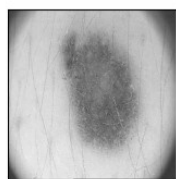
True Label: IMD103



Ground Truth



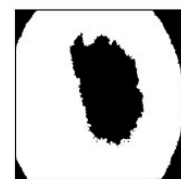
Segmented



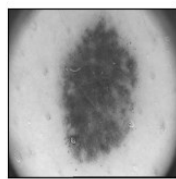
True Label: IMD027



Ground Truth



Segmented



True Label: IMD243



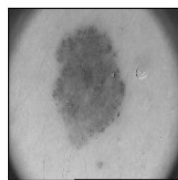
Ground Truth



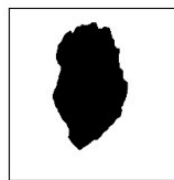
Segmented

Image size 200 x 200 & *neighbors* 4x4 :

Parameter	Result
Accuracy	0.63618775
Precision	0.7247344537
Recall	0.7178112726



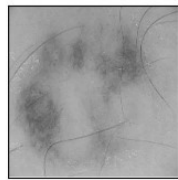
True Label: IMD164



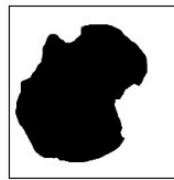
Ground Truth



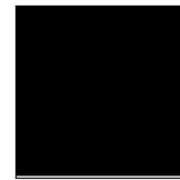
Segmented



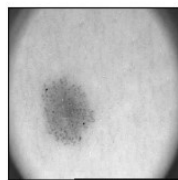
True Label: IMD014



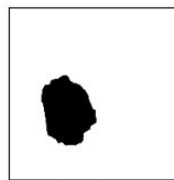
Ground Truth



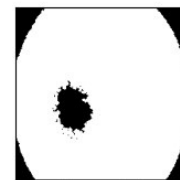
Segmented



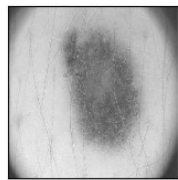
True Label: IMD103



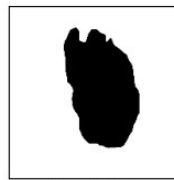
Ground Truth



Segmented



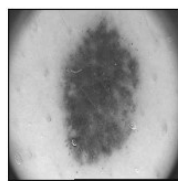
True Label: IMD027



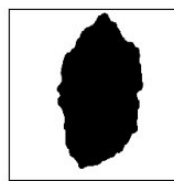
Ground Truth



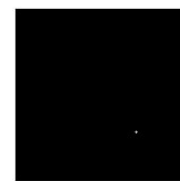
Segmented



True Label: IMD243



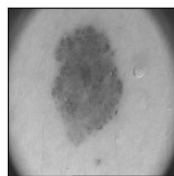
Ground Truth



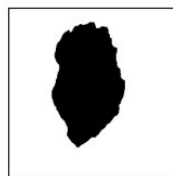
Segmented

Image size 128 x 128 & *neighbors* 4x4 :

Parameter	Result
Accuracy	0.6331402587
Precision	0.6331402587
Recall	0.7260680044



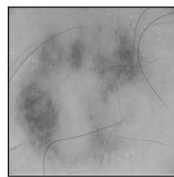
True Label: IMD164



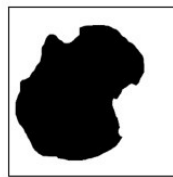
Ground Truth



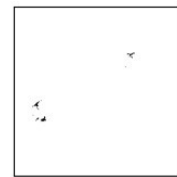
Segmented



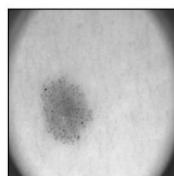
True Label: IMD014



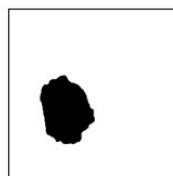
Ground Truth



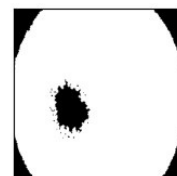
Segmented



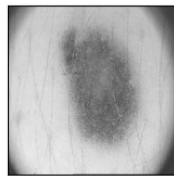
True Label: IMD103



Ground Truth



Segmented



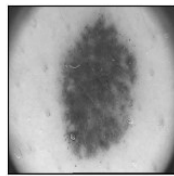
True Label: IMD027



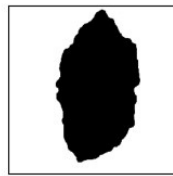
Ground Truth



Segmented



True Label: IMD243



Ground Truth



Segmented

Image size 256 x 256 & *neighbors* 8x8 :

Parameter	Result
Accuracy	0.6559315490712647
Precision	0.7267369562929741
Recall	0.7564351678451999

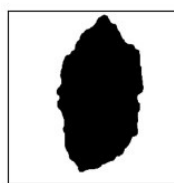
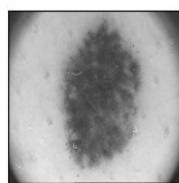
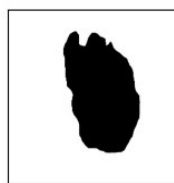
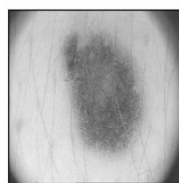
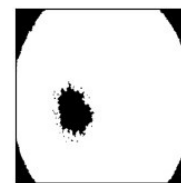
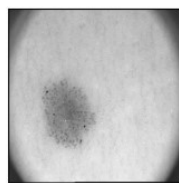
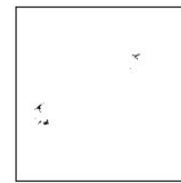
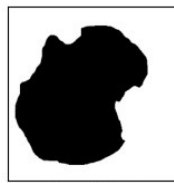
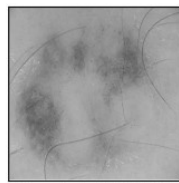
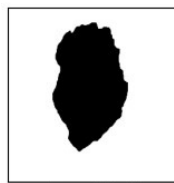
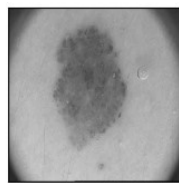
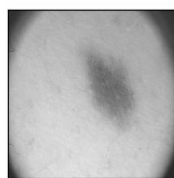


Image size 200 x 200 & *neighbors* 8x8 :

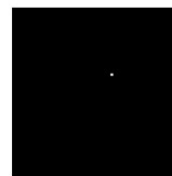
Parameter	Result
Accuracy	0.654854749998363
Precision	0.7197850072272567
Recall	0.7579119672288628



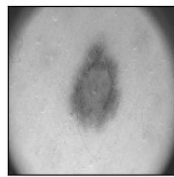
True Label: IMD133



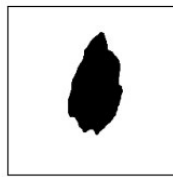
Ground Truth



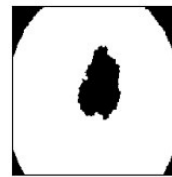
Segmented



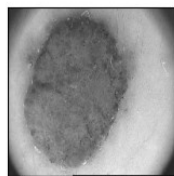
True Label: IMD134



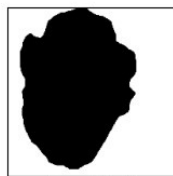
Ground Truth



Segmented



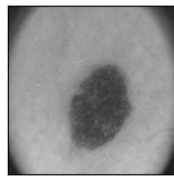
True Label: IMD135



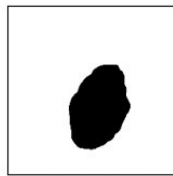
Ground Truth



Segmented



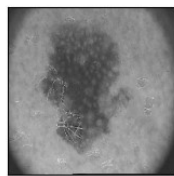
True Label: IMD021



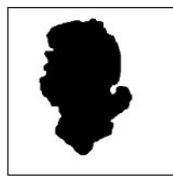
Ground Truth



Segmented



True Label: IMD242



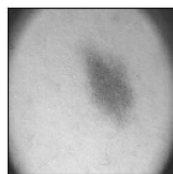
Ground Truth



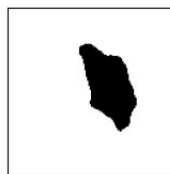
Segmented

Image size 128 x 128 & *neighbors* 8x8 :

Parameter	Result
Accuracy	0.654854749998363
Precision	0.7197850072272567
Recall	0.7579119672288628



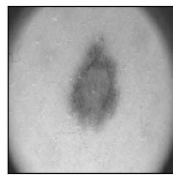
True Label: IMD133



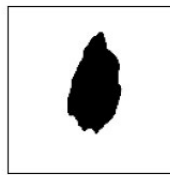
Ground Truth



Segmented



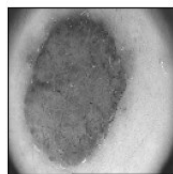
True Label: IMD134



Ground Truth



Segmented



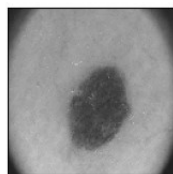
True Label: IMD135



Ground Truth



Segmented



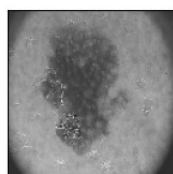
True Label: IMD021



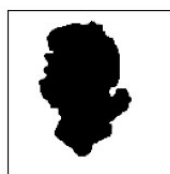
Ground Truth



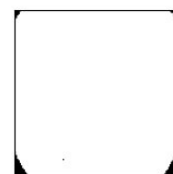
Segmented



True Label: IMD242

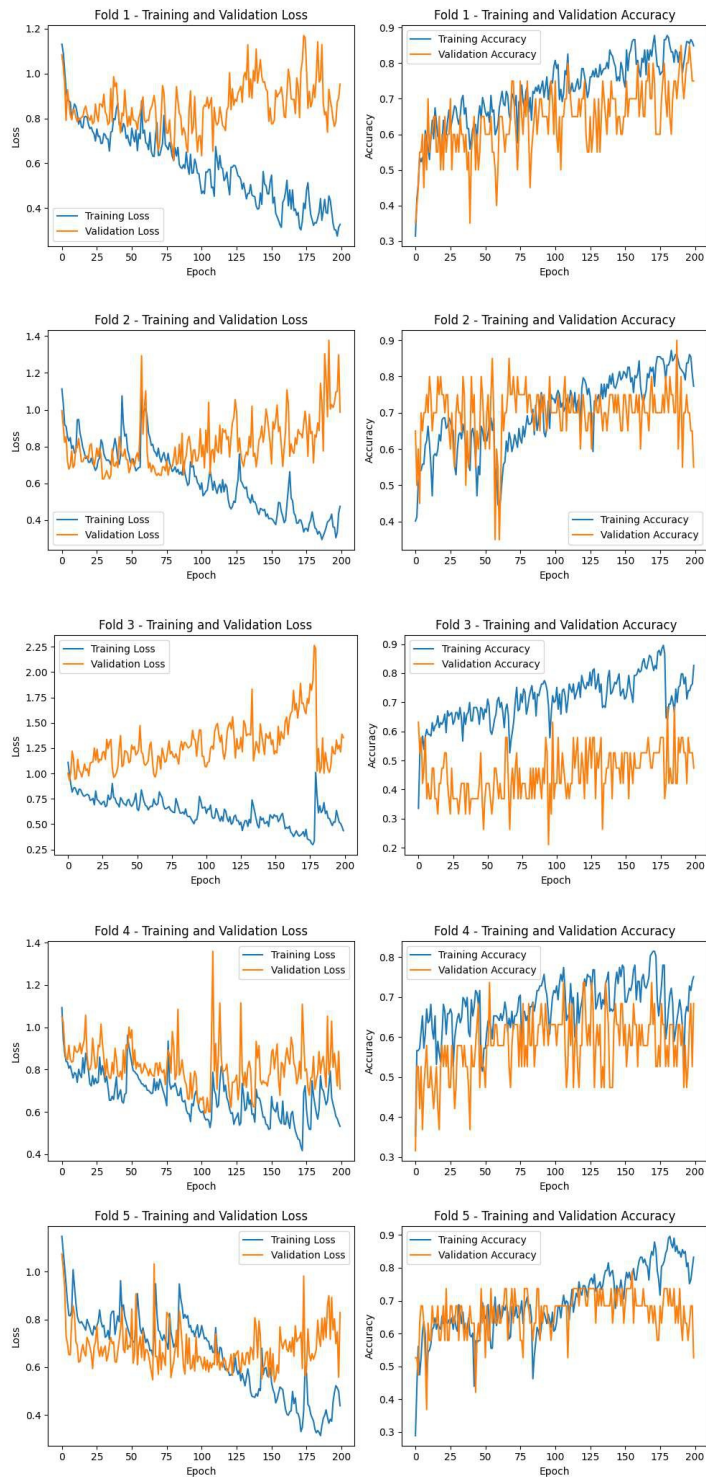


Ground Truth

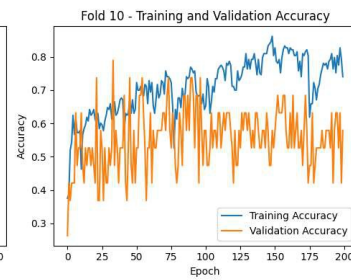
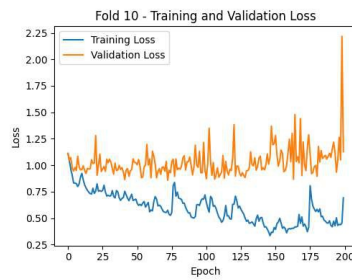
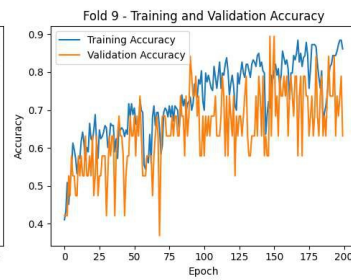
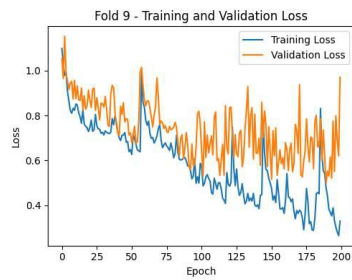
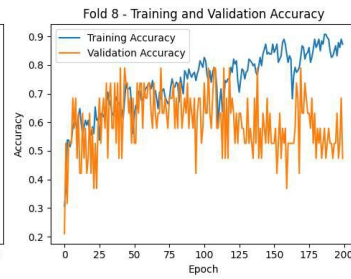
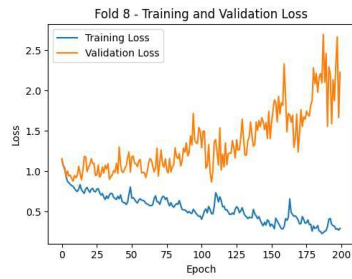
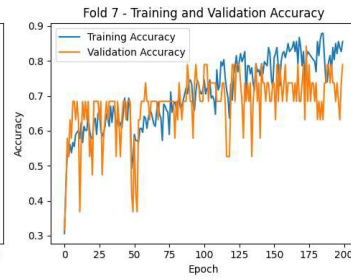
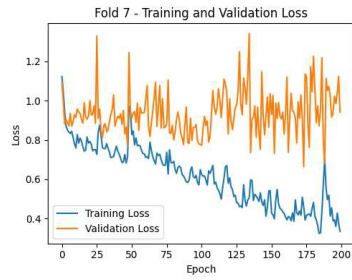
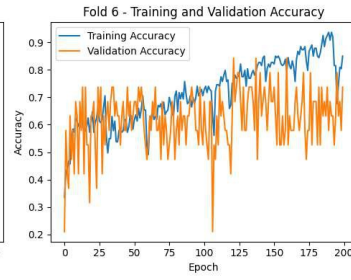
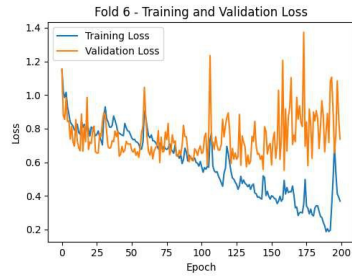


Segmented

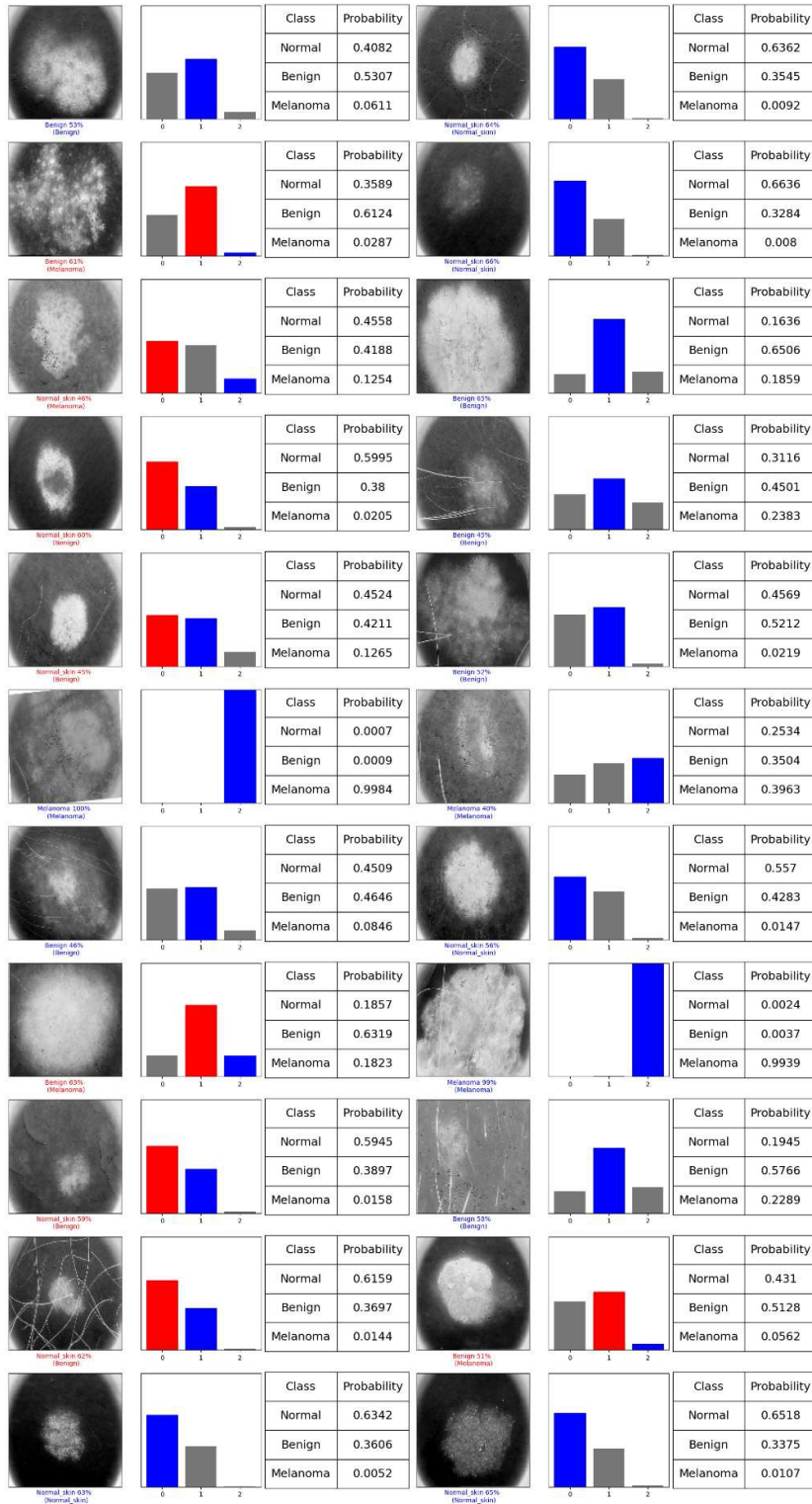
## Lampiran 2. Plot akurasi dan loss berdasarkan jumlah epoch







### Lampiran 3. Hasil Prediksi Data Testing Metode LSTM



### Lampiran 4. Hasil Prediksi Data Testing Metode Region Growing + LSTM

