

Project: Classification and Segmentation of Breast Cancer Ultrasound Images

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Appendix

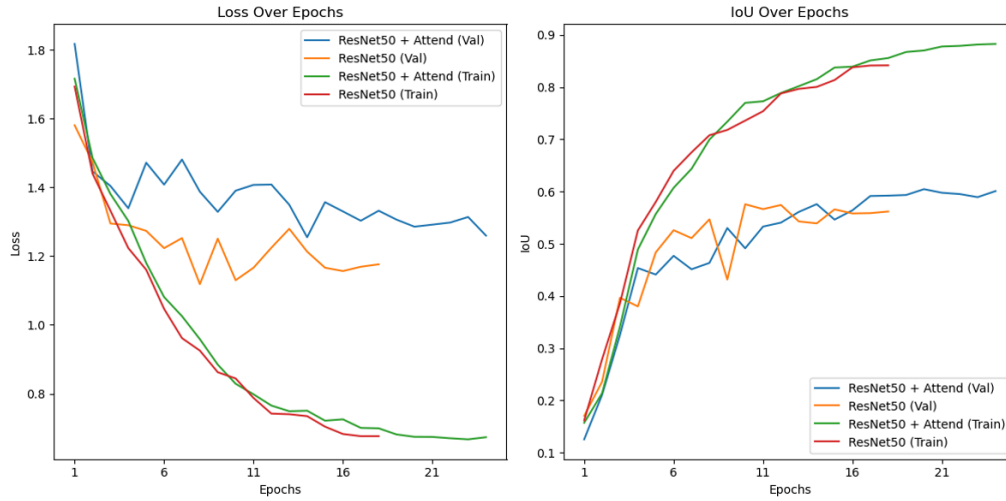


Fig.1 Comparing Attention vs. Non-Attention Mechanisms with ResNet50 as Encoder

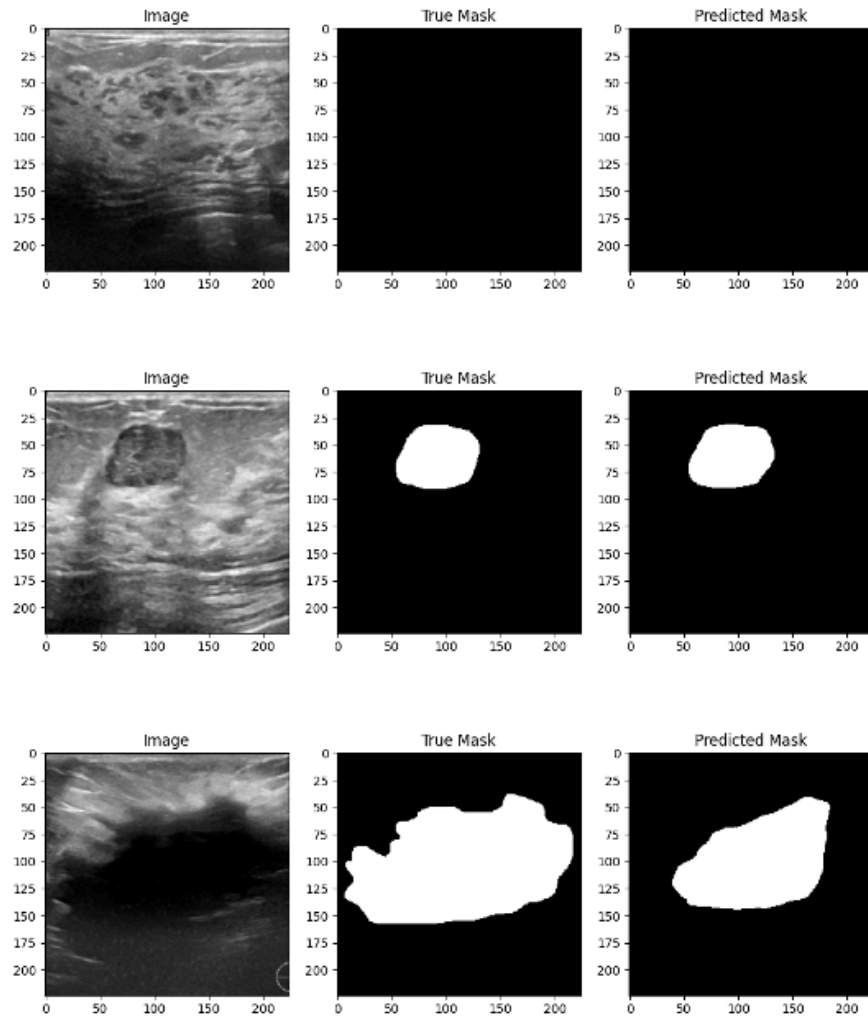


Fig. 2 Segmentation results using a fine-tuned DPN68 as encoder with attention mechanism.

Model	DPN68 + Unet
Batch size	8
Dropout Probability	0.5
Optimizer and Initial Learning Rate	Adam, 1e-4
Pooling Layer	Average Pooling
SE attention	True

Table 1. Optimal Model