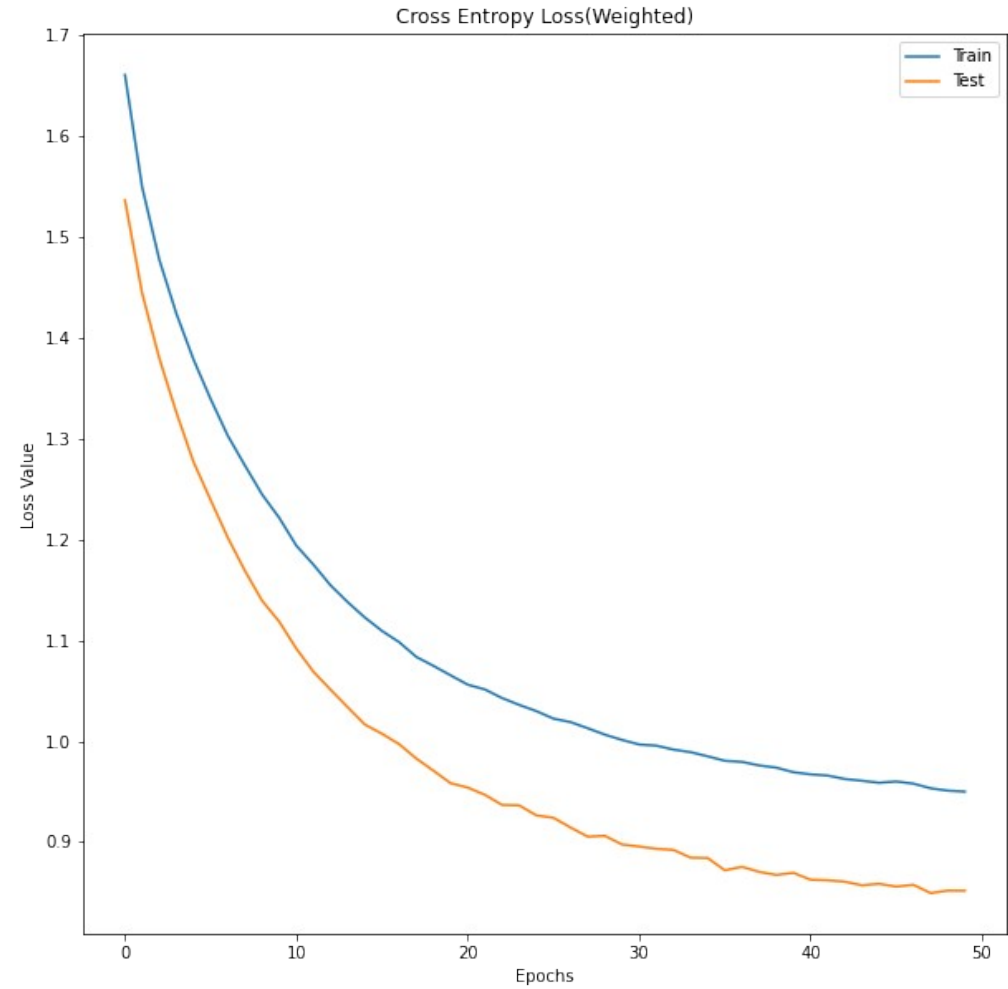


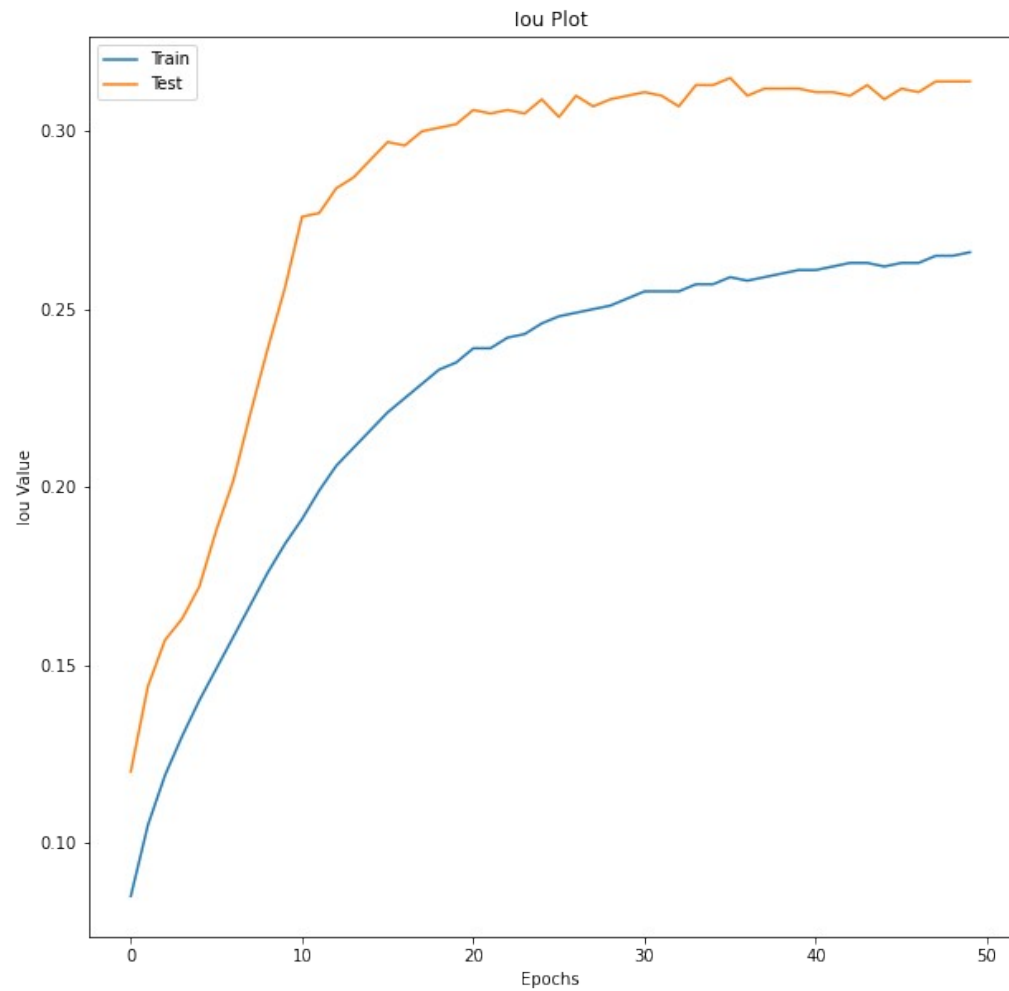
# Model Information

- Model: RandLA-Pytorch
- Optimizer: Adam
- Loss:  $0.3 * \text{Cross Entropy}(\text{no weights}) + 0.3 * \text{Cross Entropy}(\text{weight} = 1/\text{ratio} + 0.02) + 0.4 * \text{Cross Entropy}(\text{weight} = 1/\text{ratio})$
- Batch Size=1
- Training Samples: 16 images
- Test Samples: 4 images
- Point cloud size = 300000 (approx)
- Dataset: Visceral

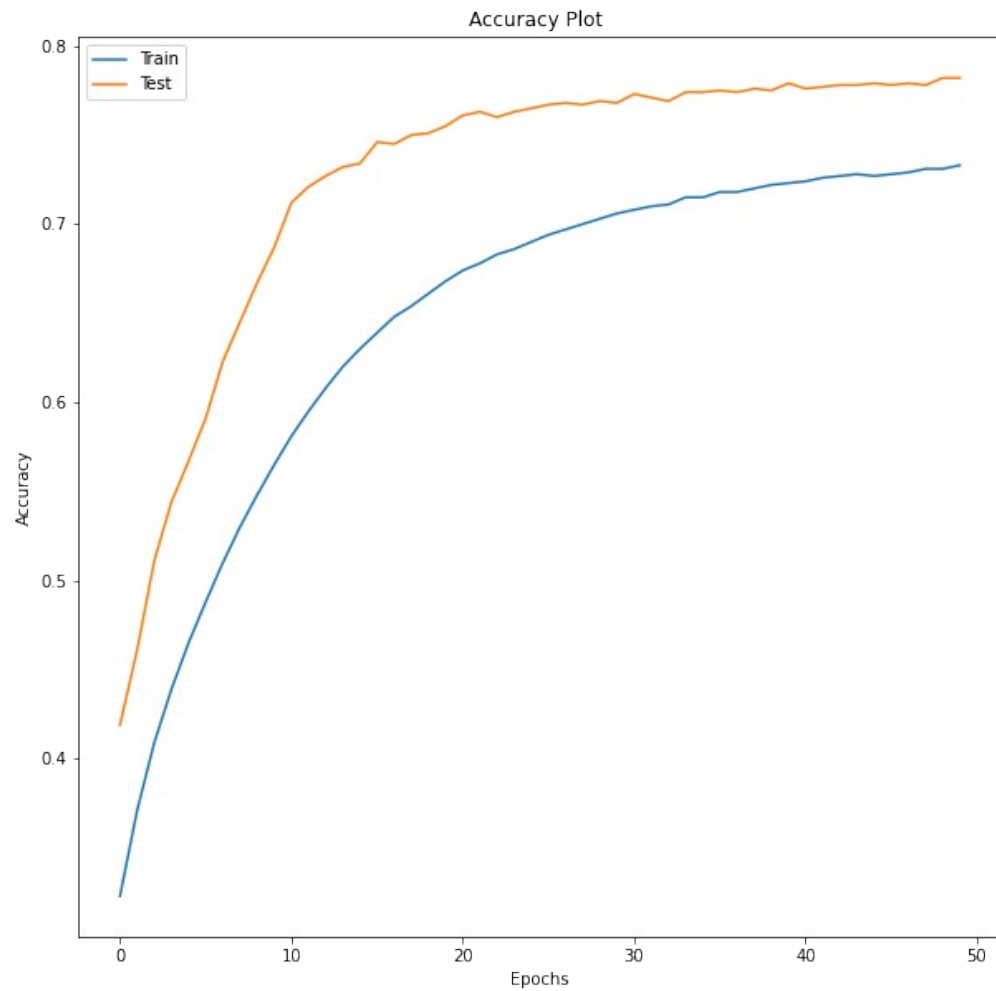
# Loss Plot



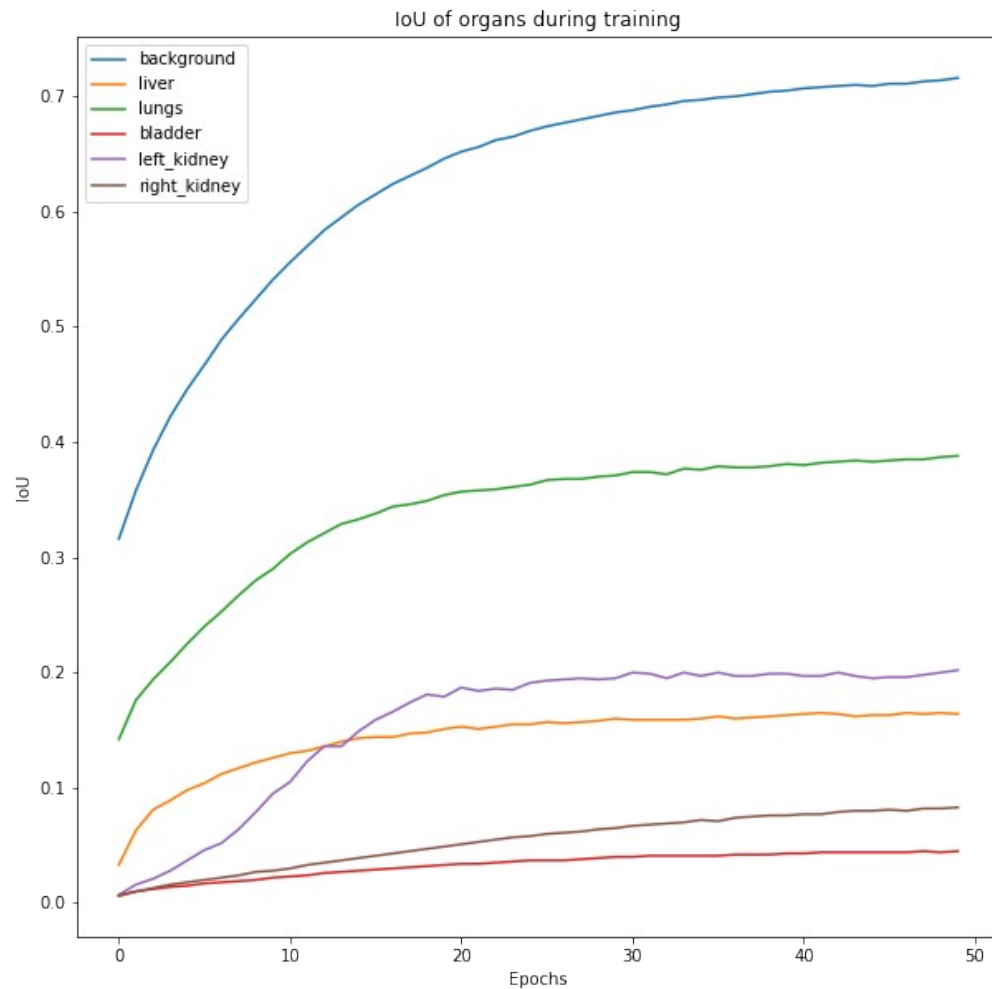
# IoU Plot



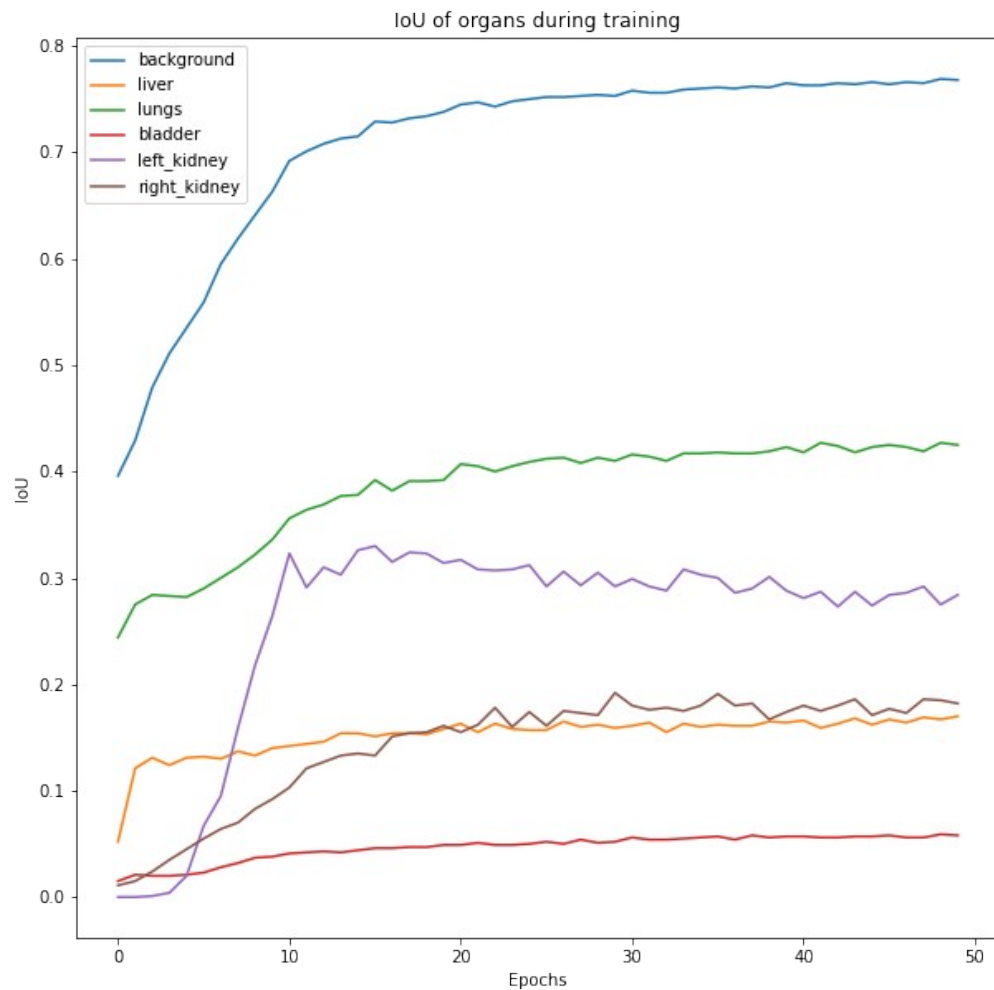
# Accuracy Plot



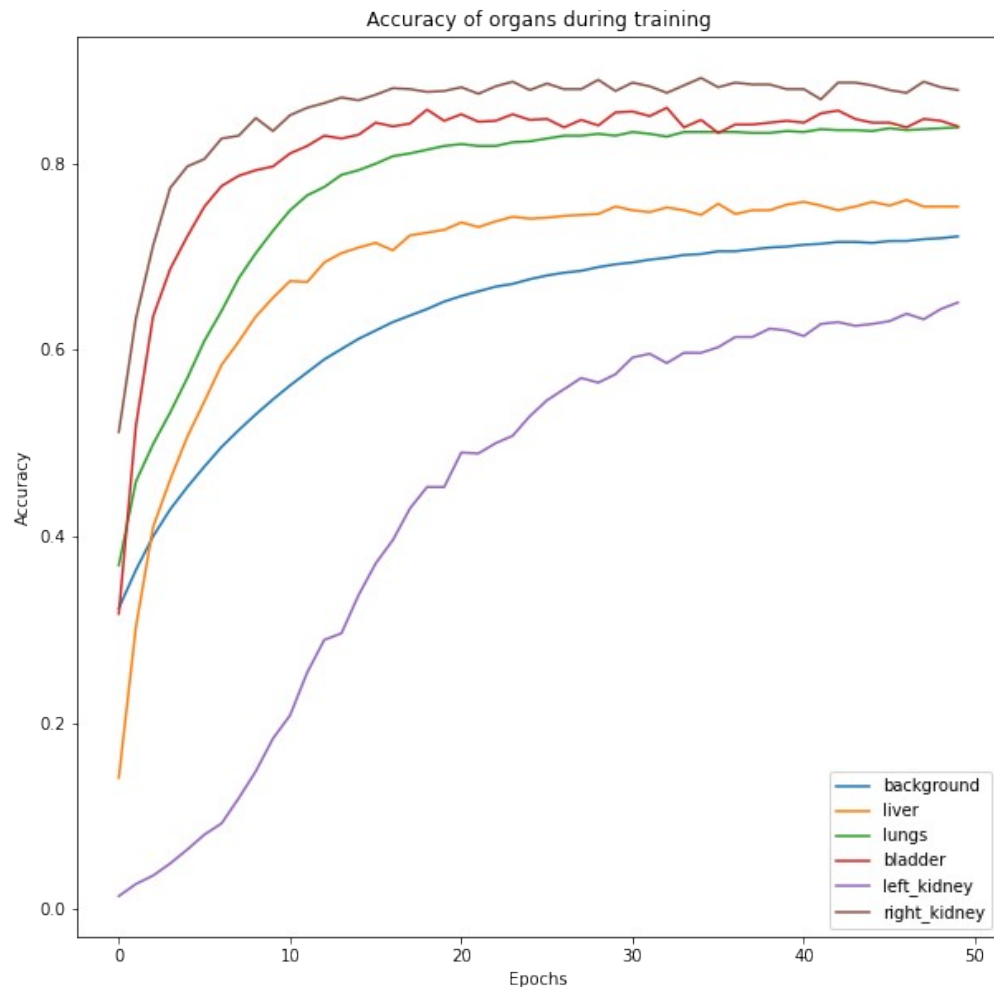
# IoU Plots of Organs during Training



# Iou Plots of Organs during Test



# Accuracy Plots of Organs during Training



# Accuracy Plots of Organs during Test

