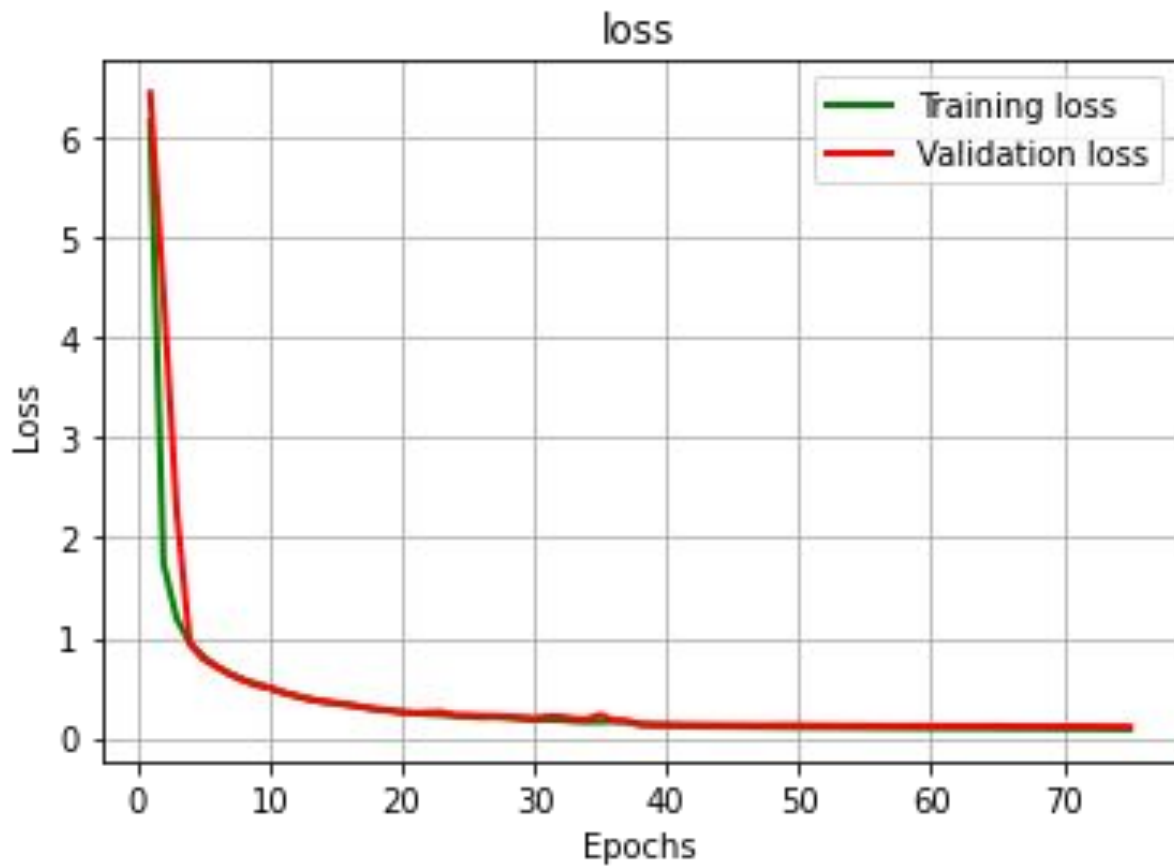


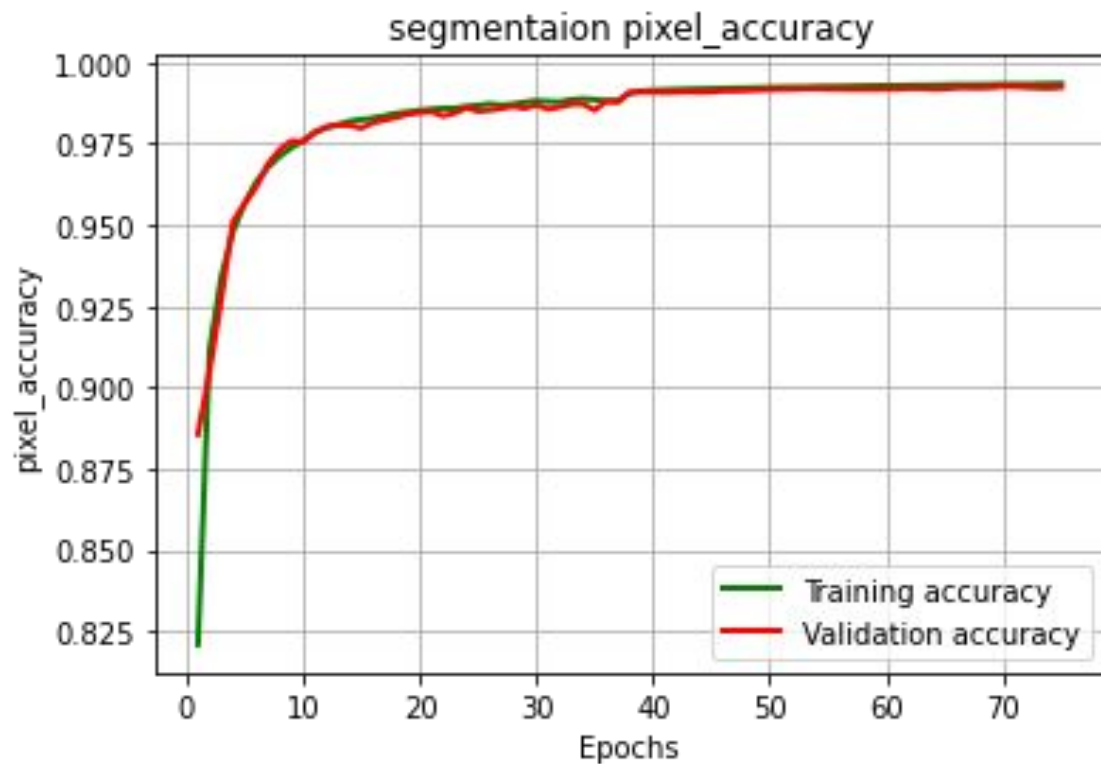


Model trained on karst with 3 labels

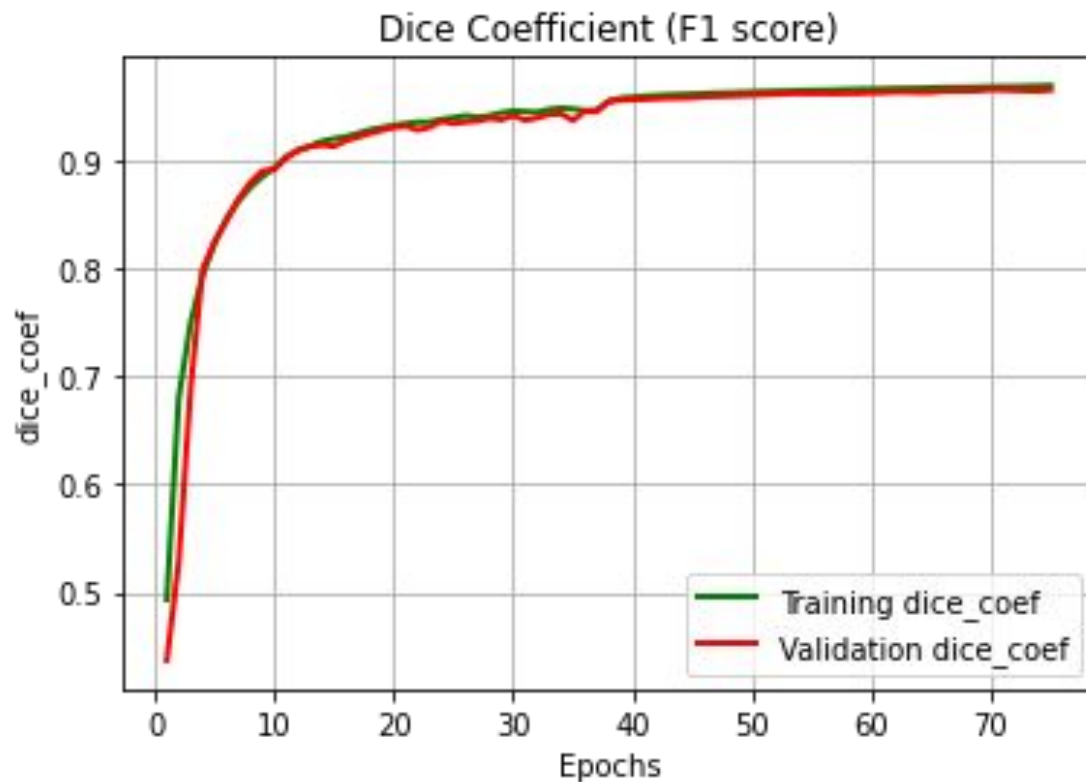
# Loss



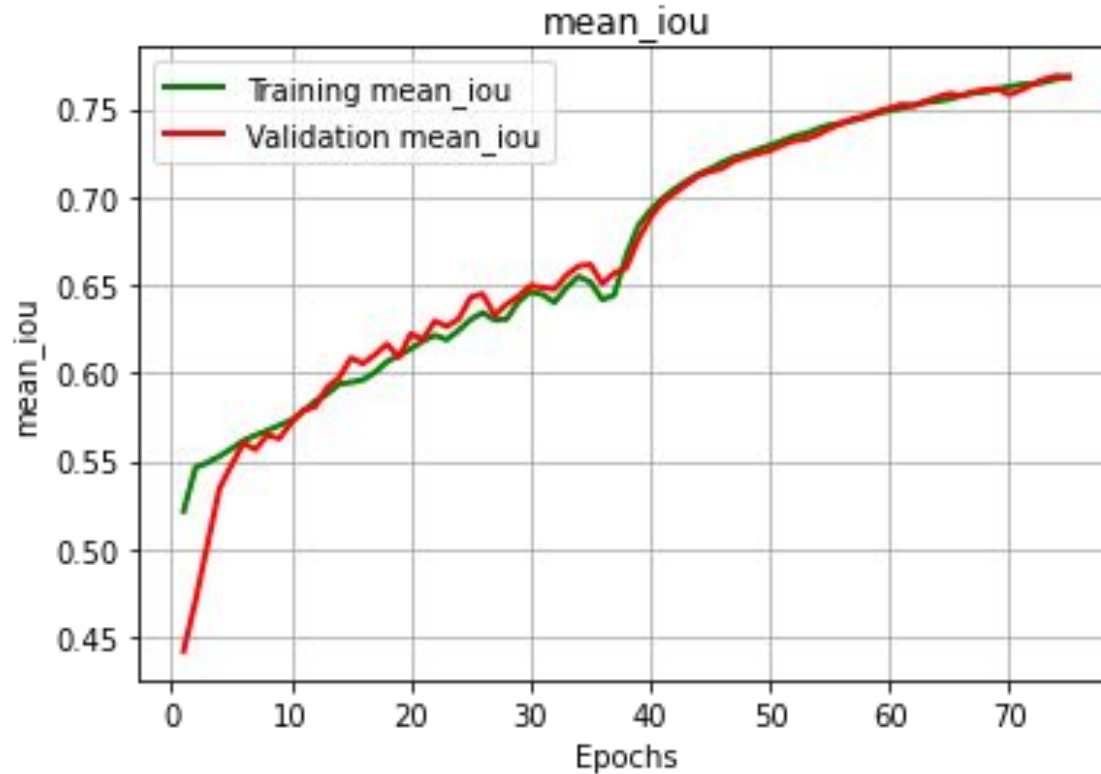
# Segmentation Pixel Accuracy



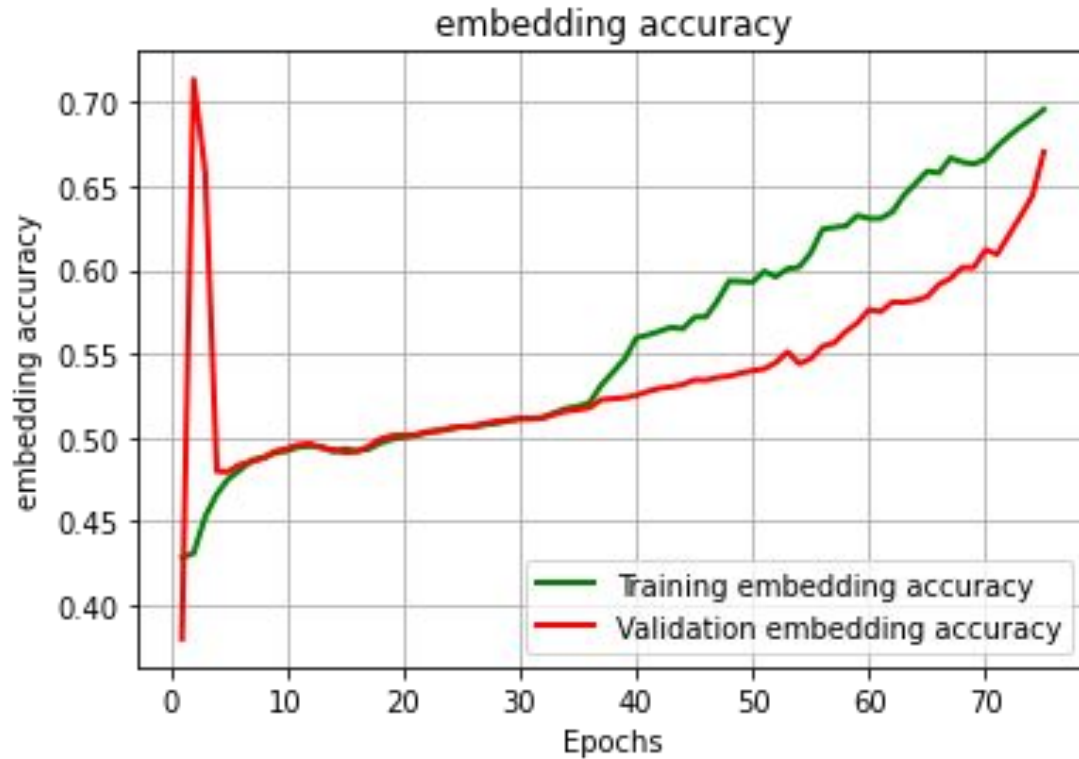
# Dice Coefficient (F1 score)



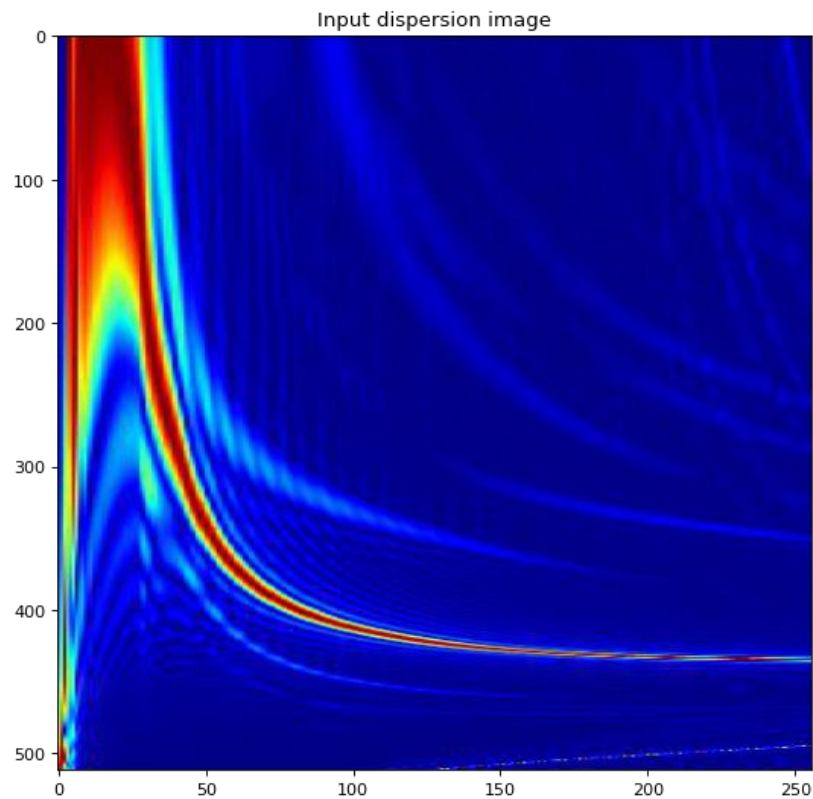
# Mean Intersection-Over-Union



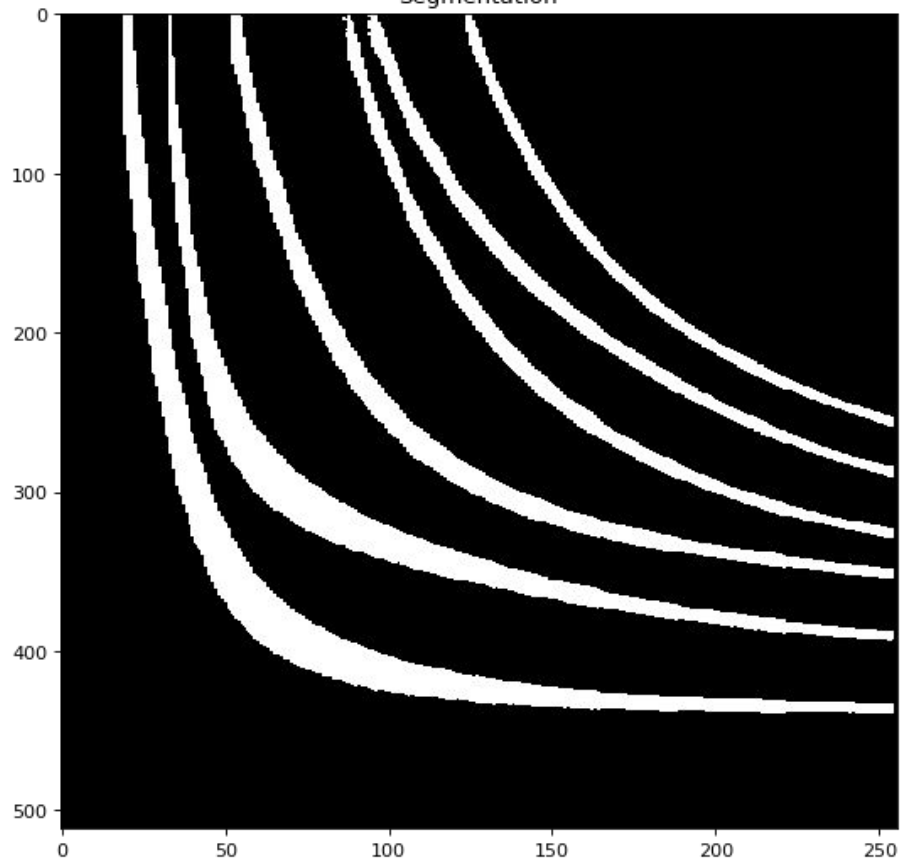
# Embedding Pixel Accuracy



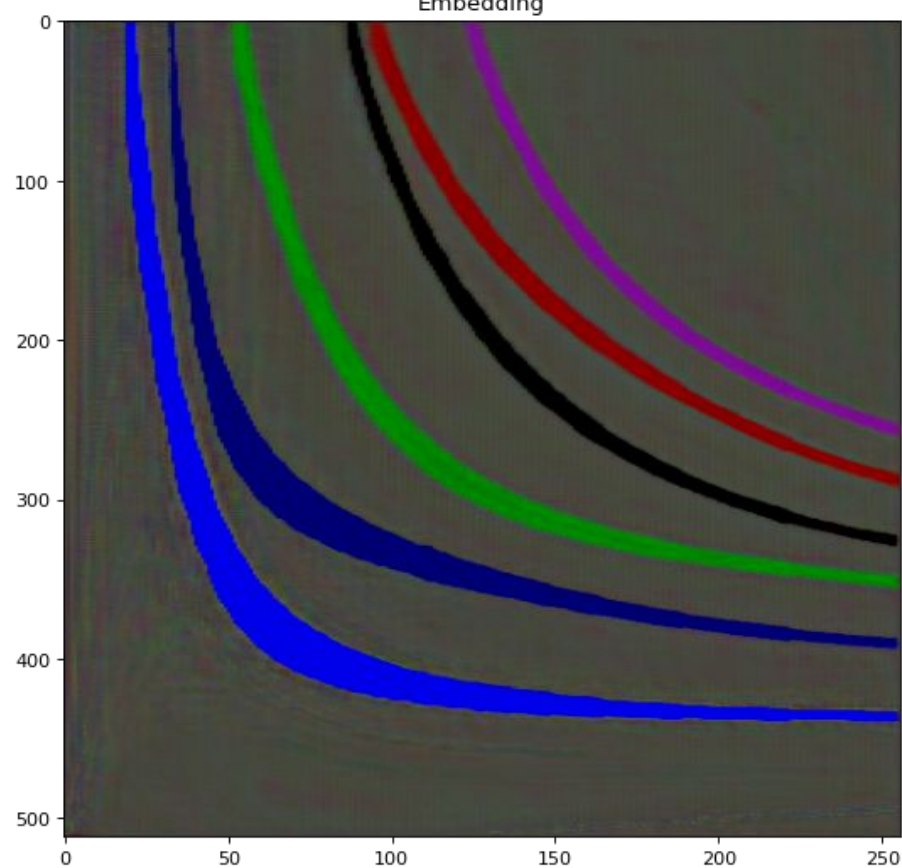
## Test on hai Vy data



Segmentation

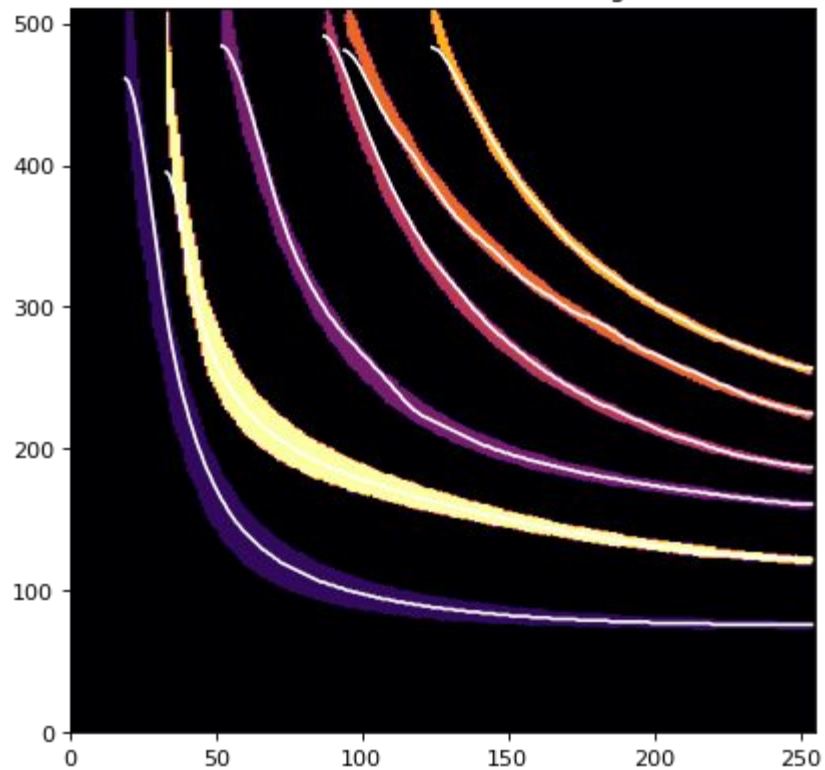


Embedding

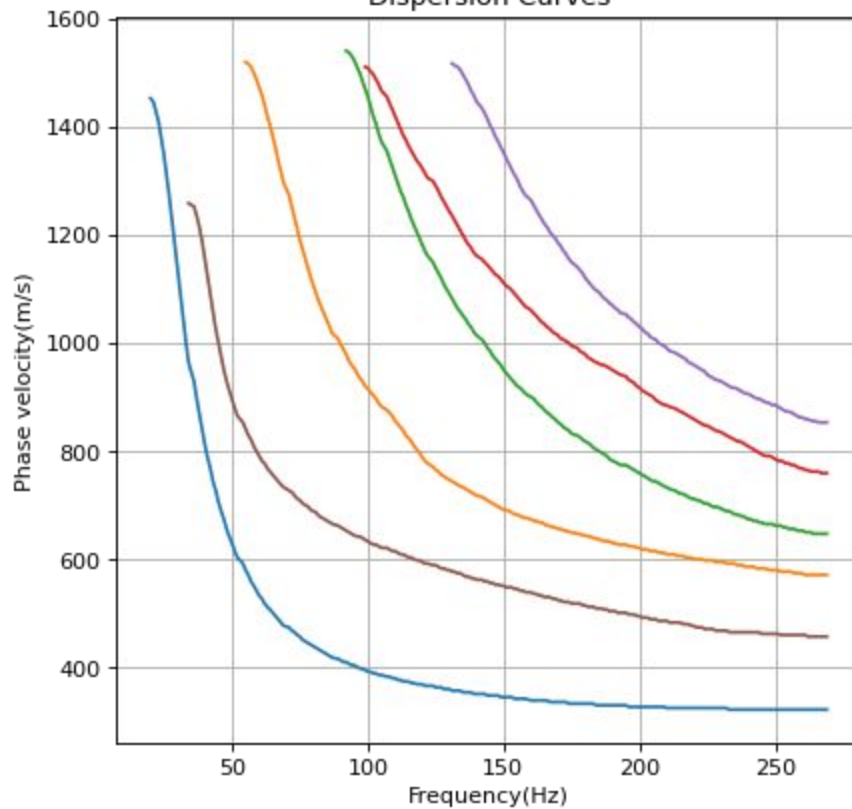




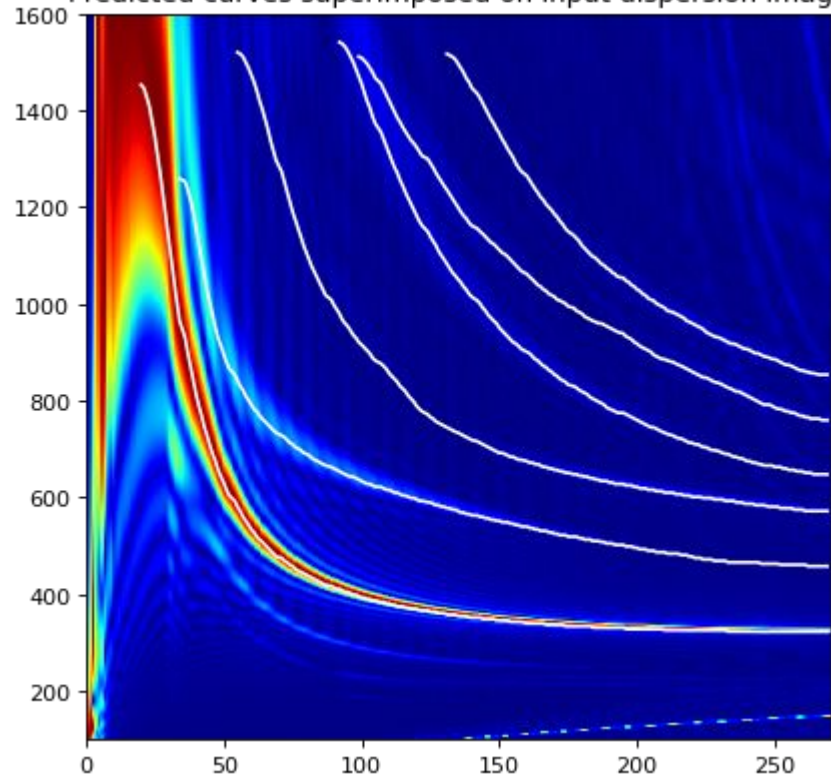
Fitted Curves After Filtering



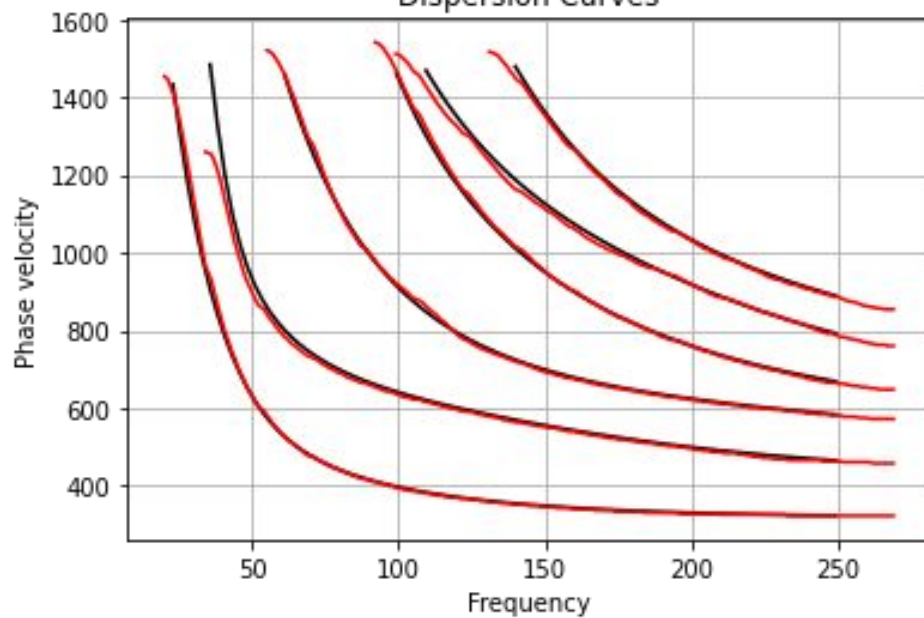
Dispersion Curves



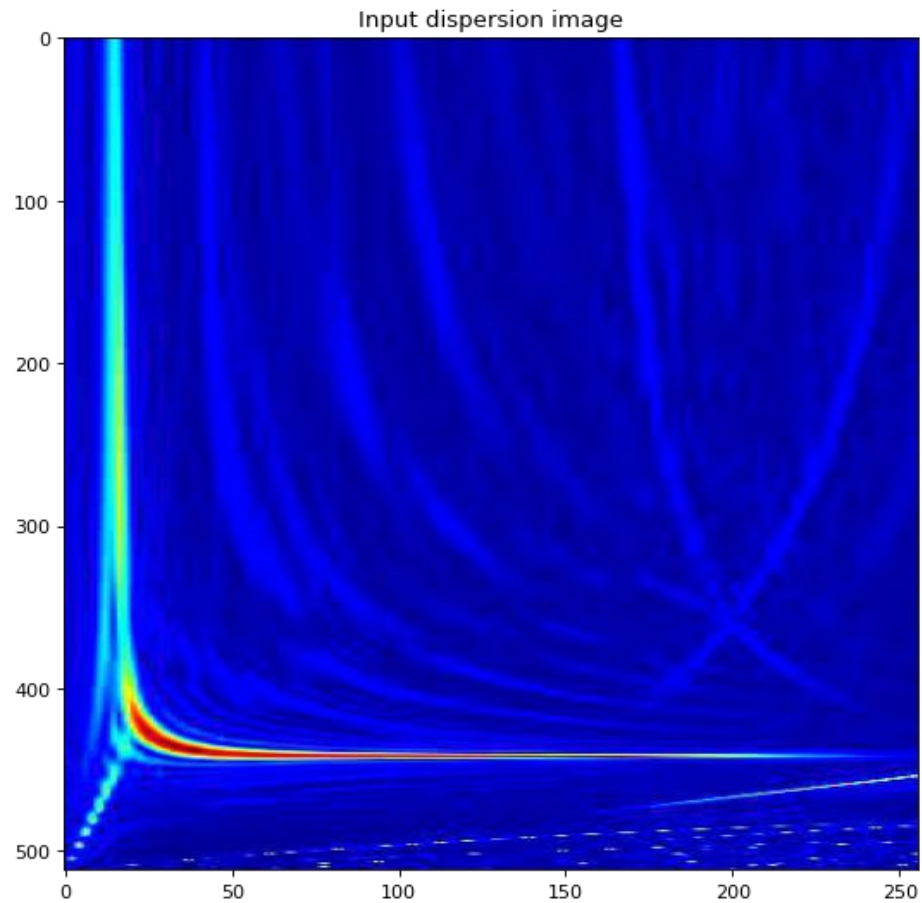
Predicted curves superimposed on input dispersion image



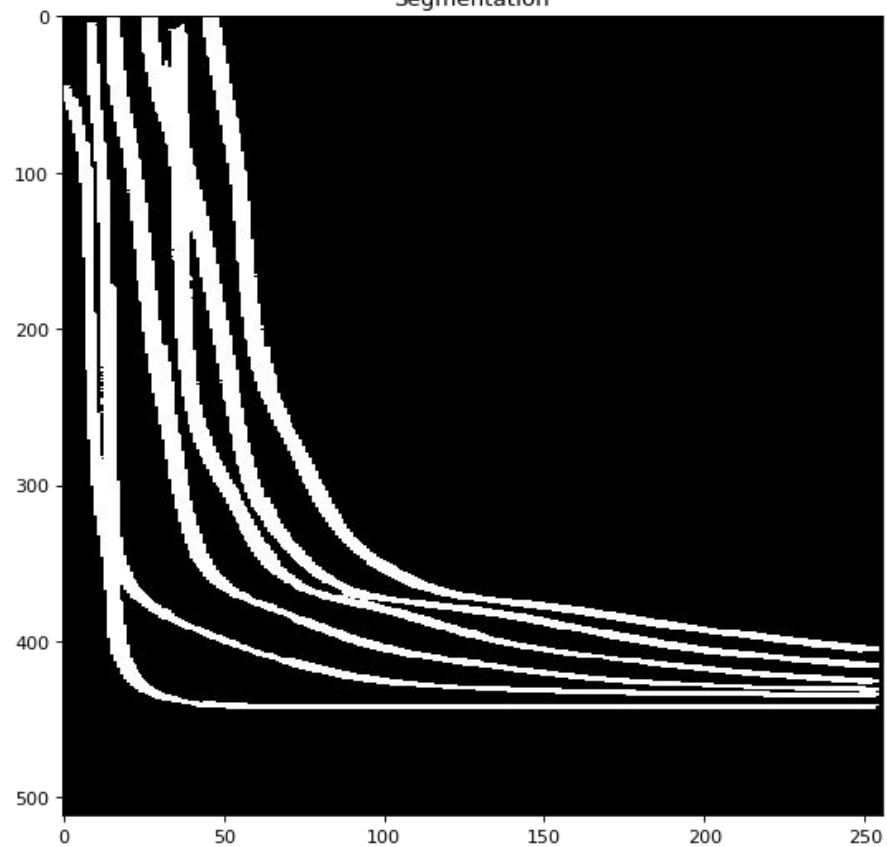
Dispersion Curves



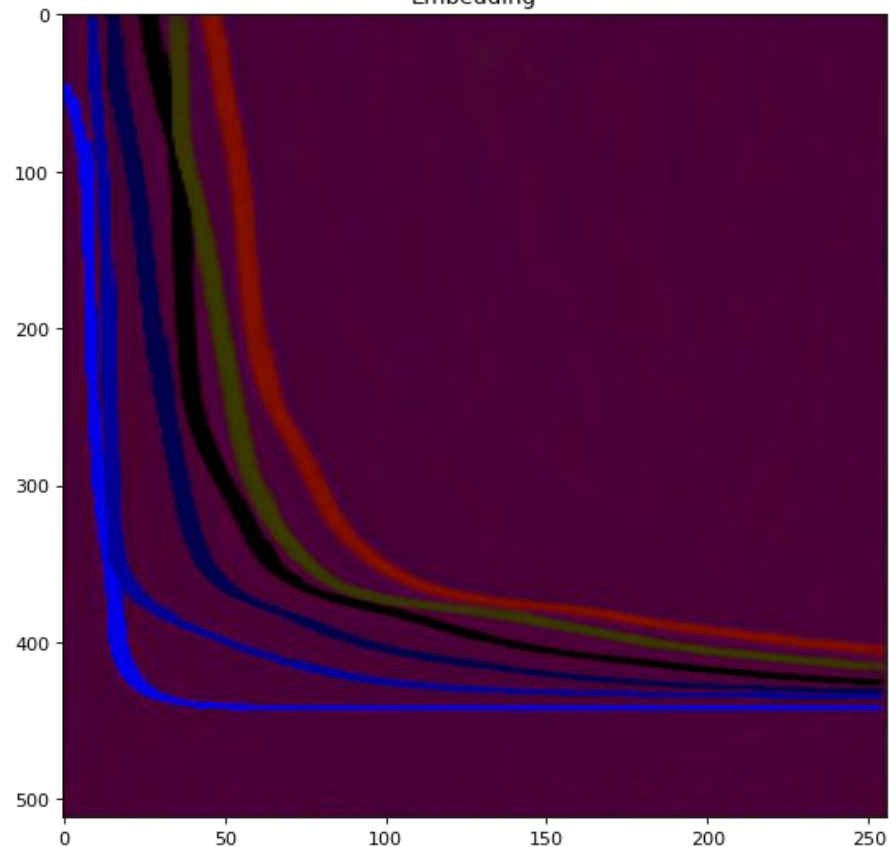
## Test on new data



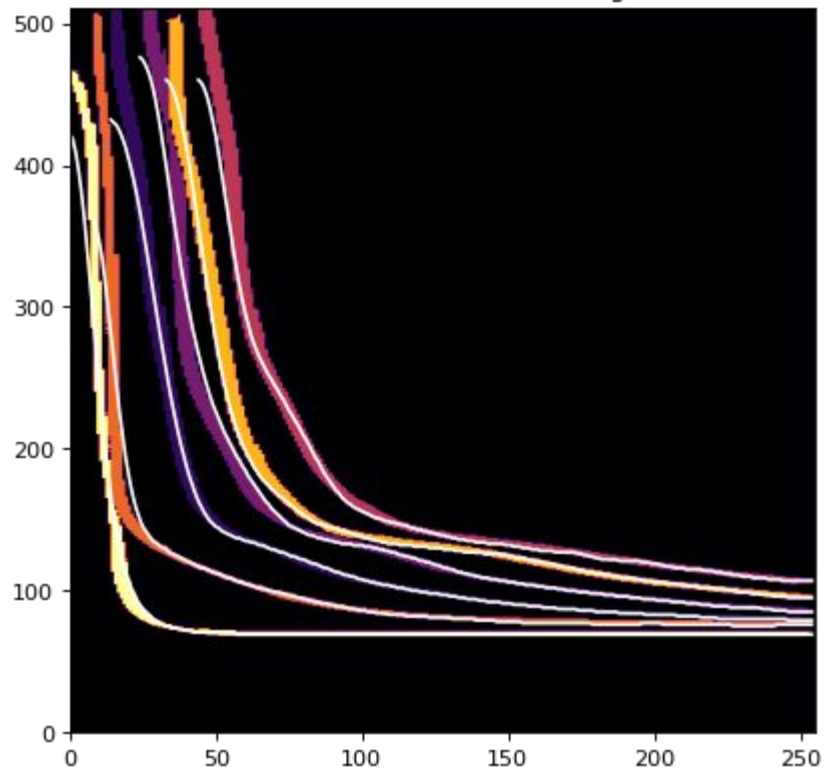
Segmentation



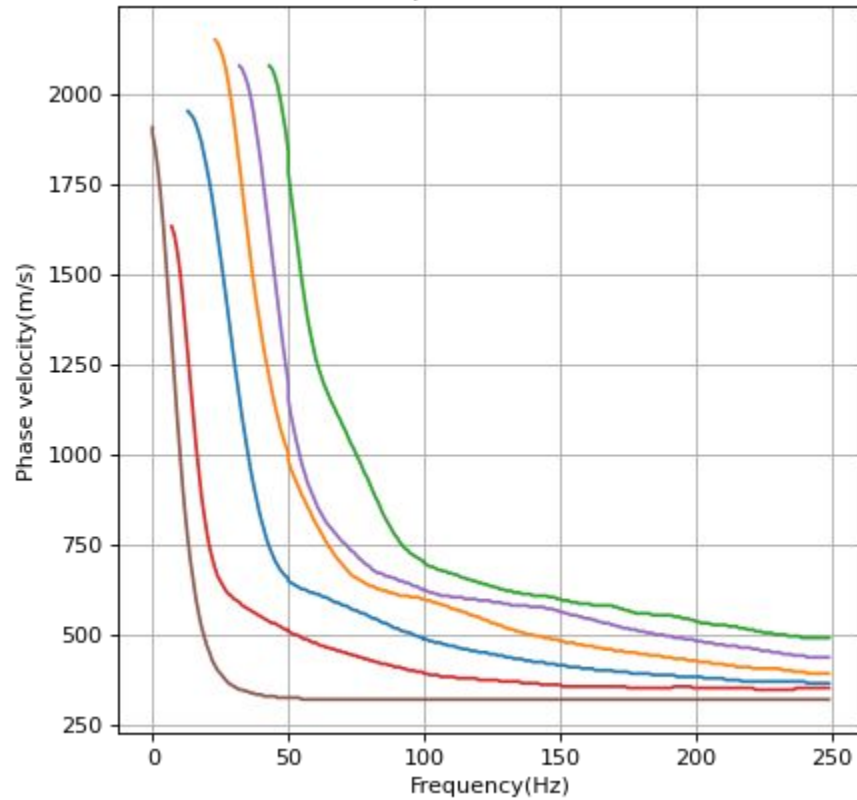
Embedding



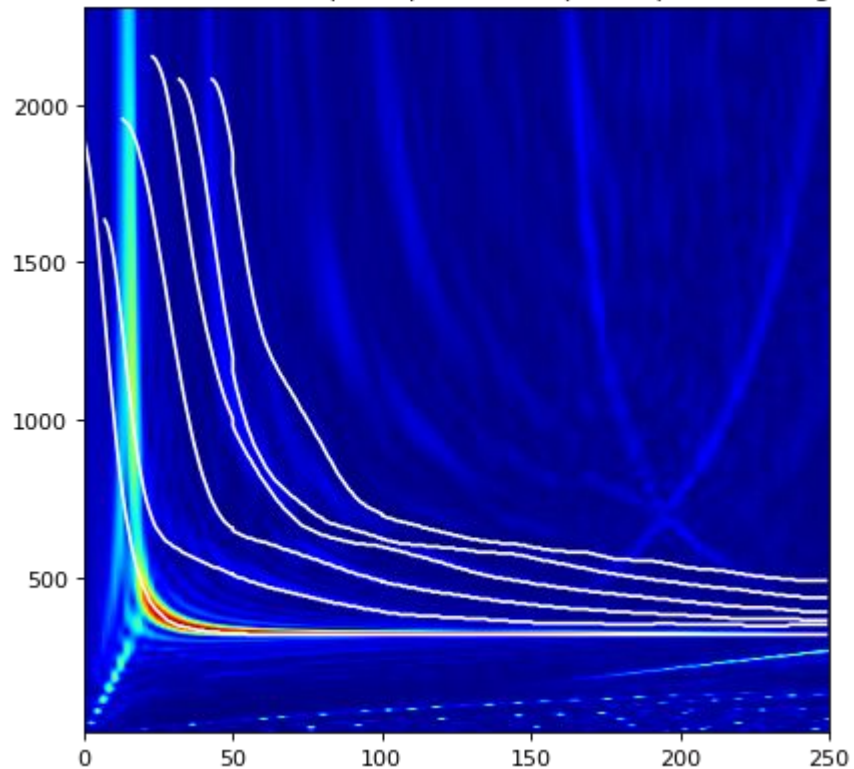
Fitted Curves After Filtering



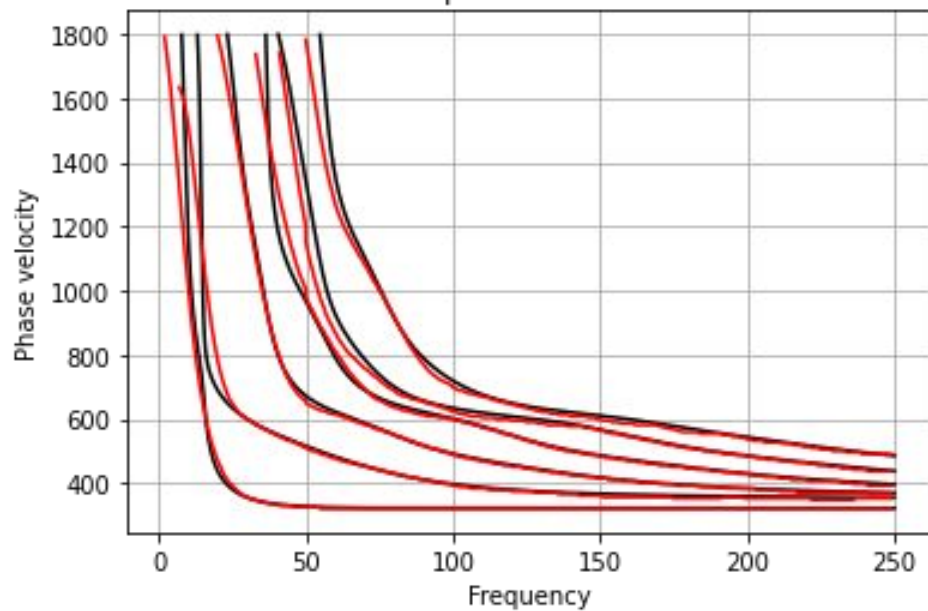
Dispersion Curves



Predicted curves superimposed on input dispersion image

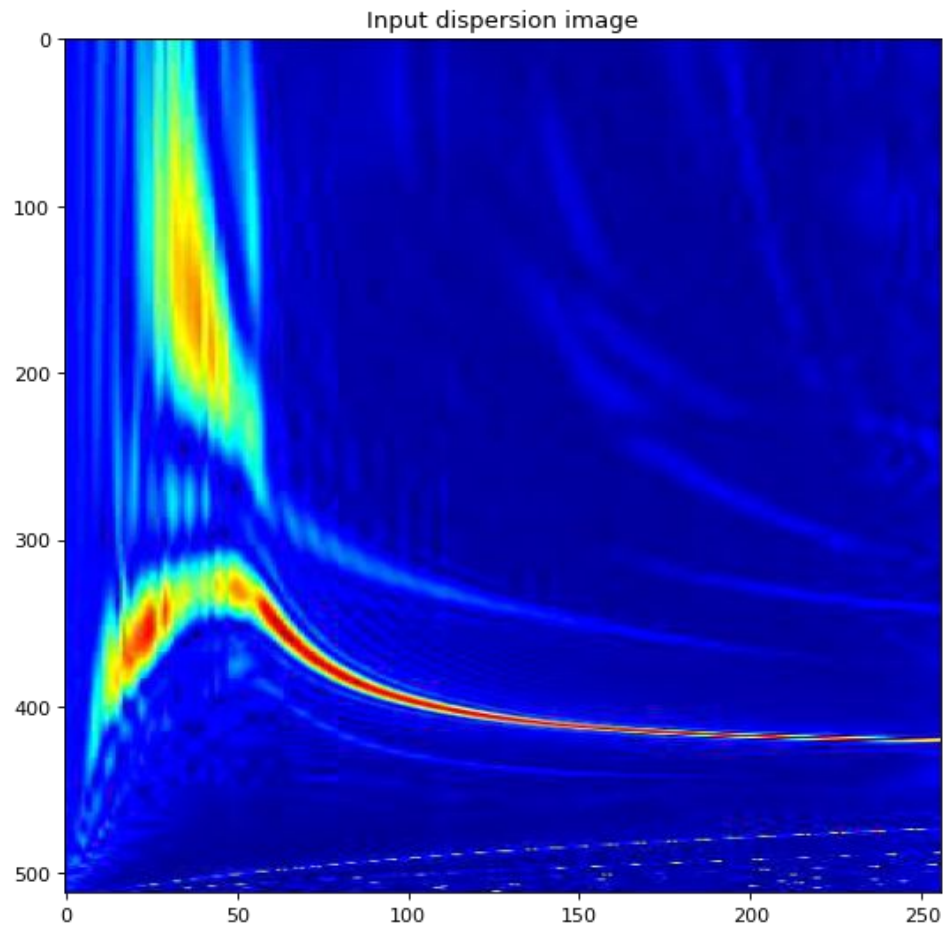


Dispersion Curves

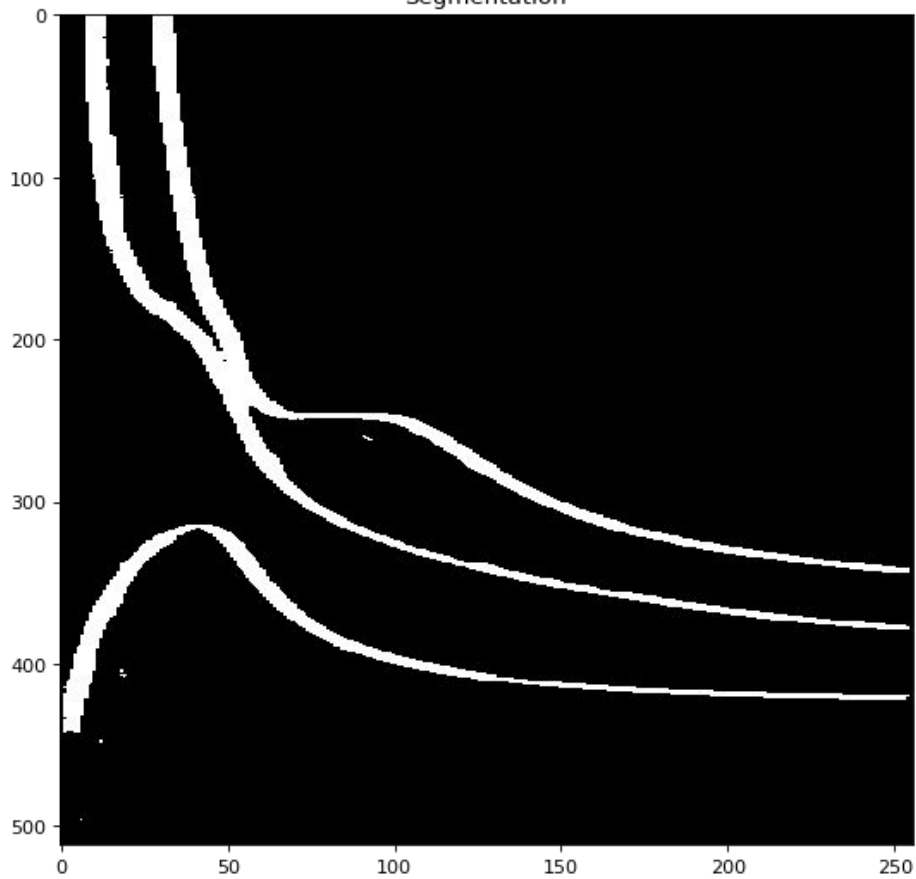




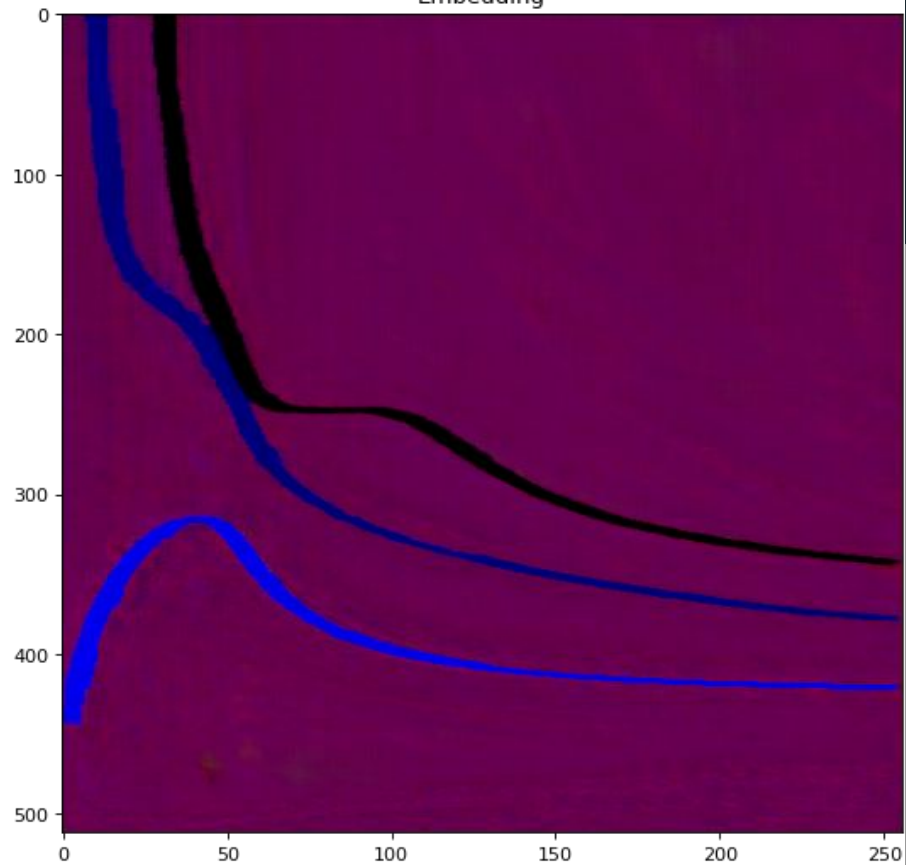
## Test on Karst



Segmentation

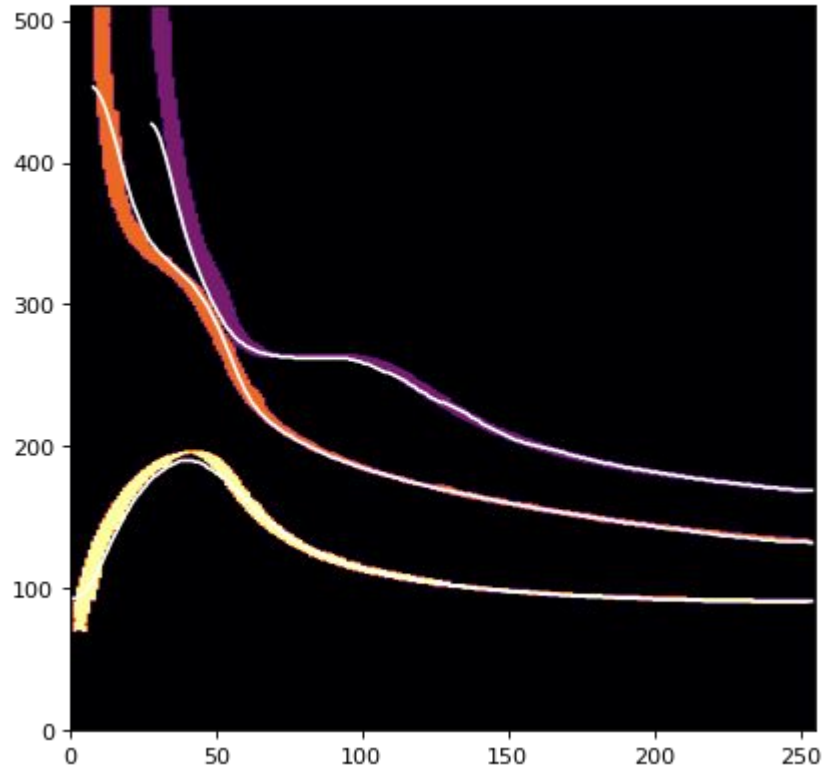


Embedding

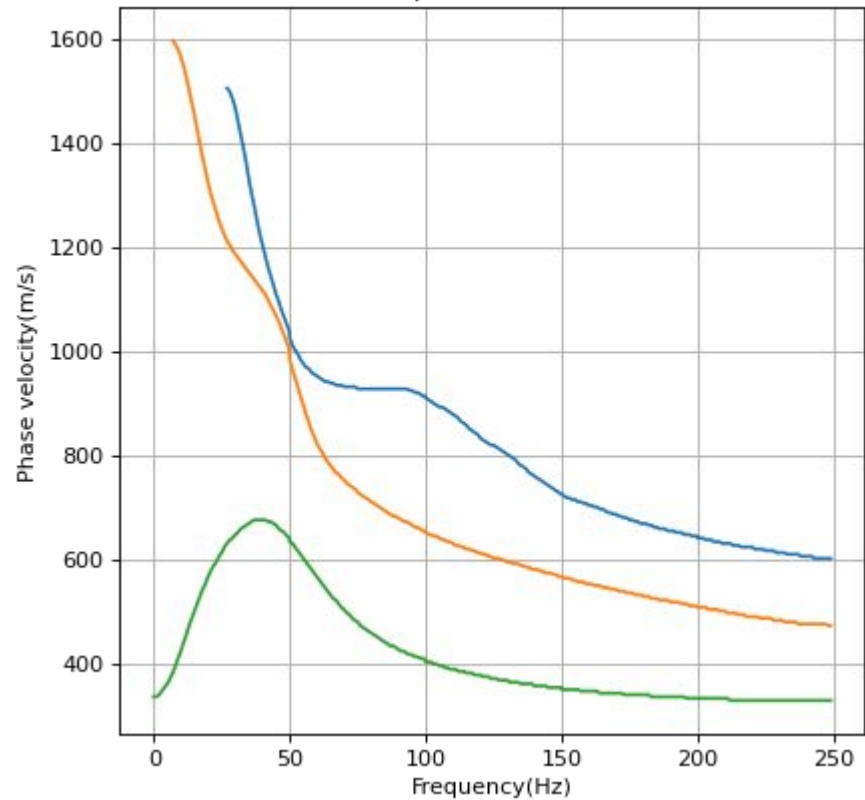




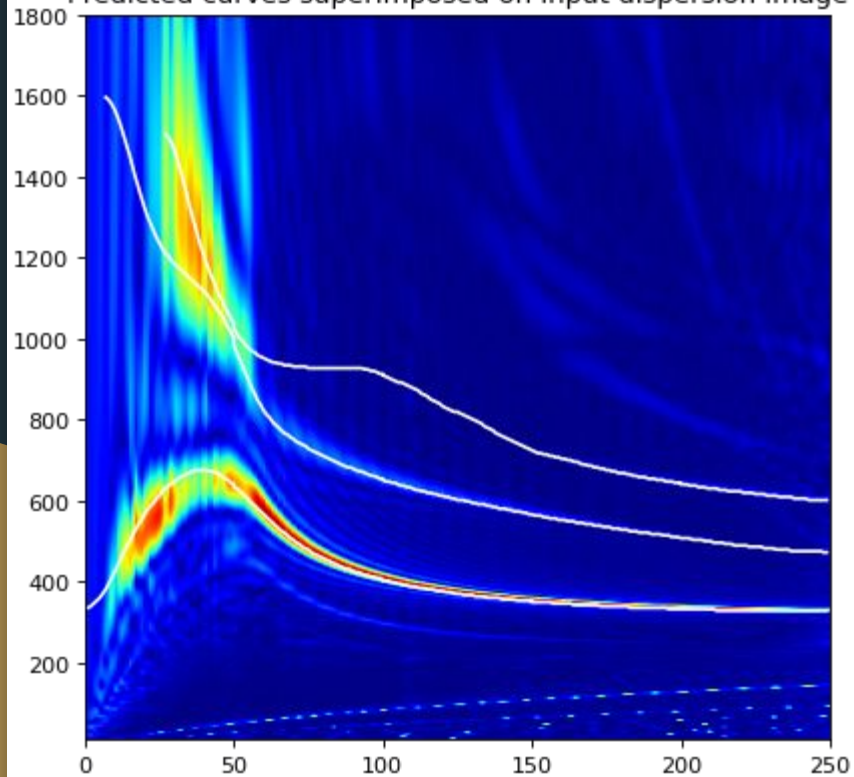
Fitted Curves After Filtering



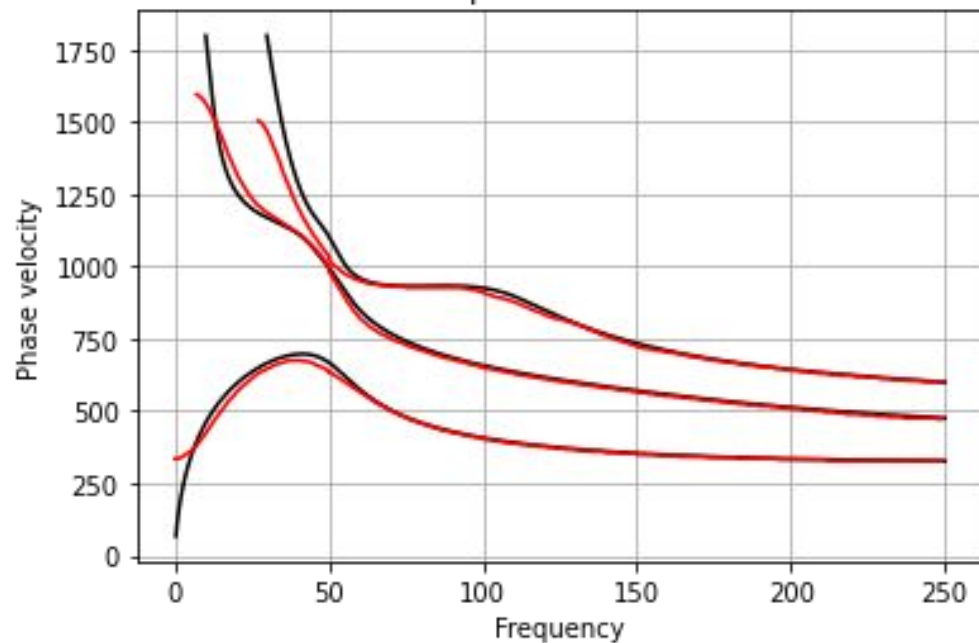
Dispersion Curves



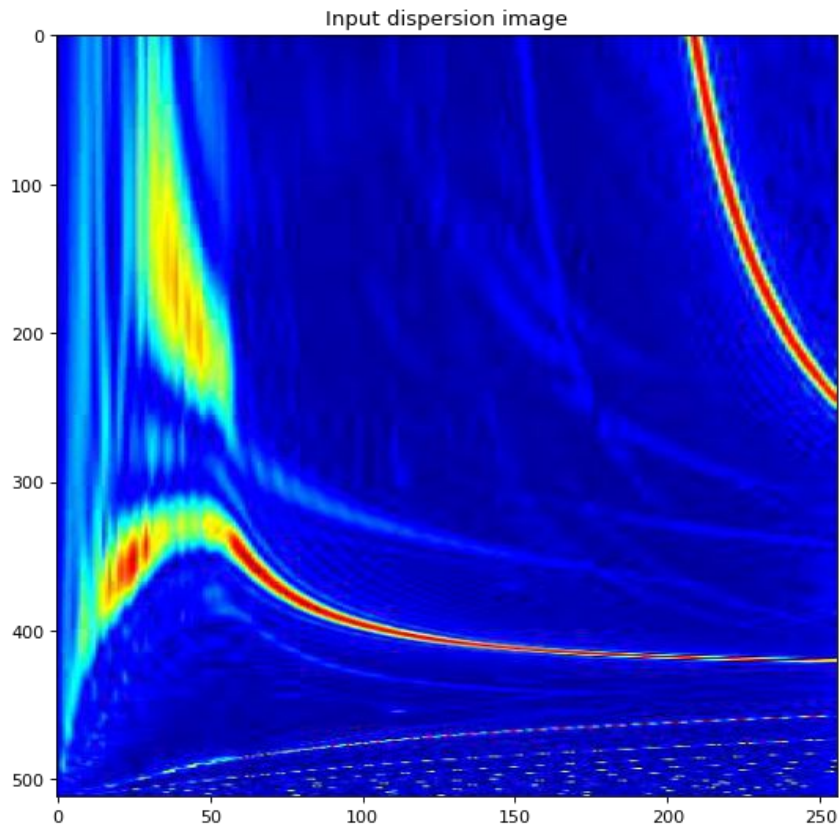
Predicted curves superimposed on input dispersion image



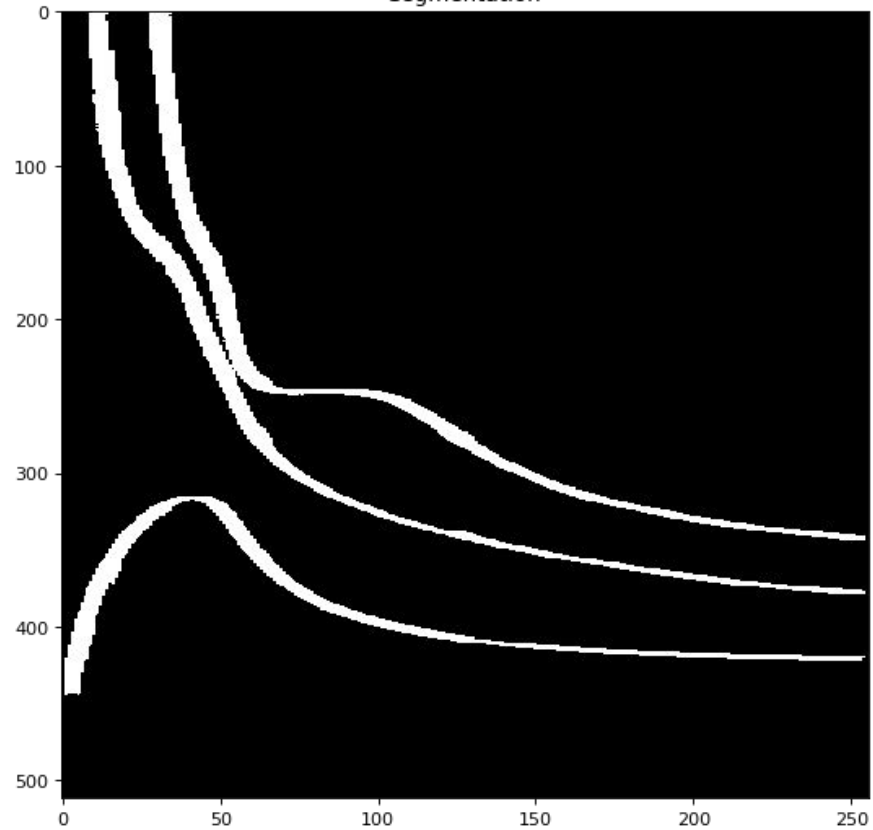
Dispersion Curves



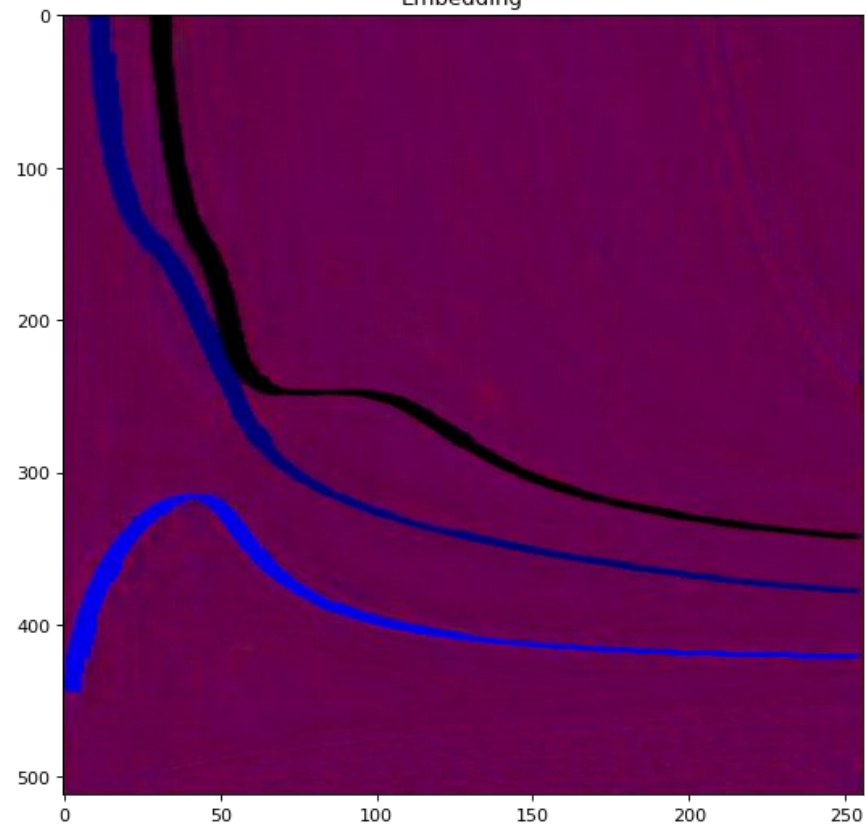
## Test on Karst with noise



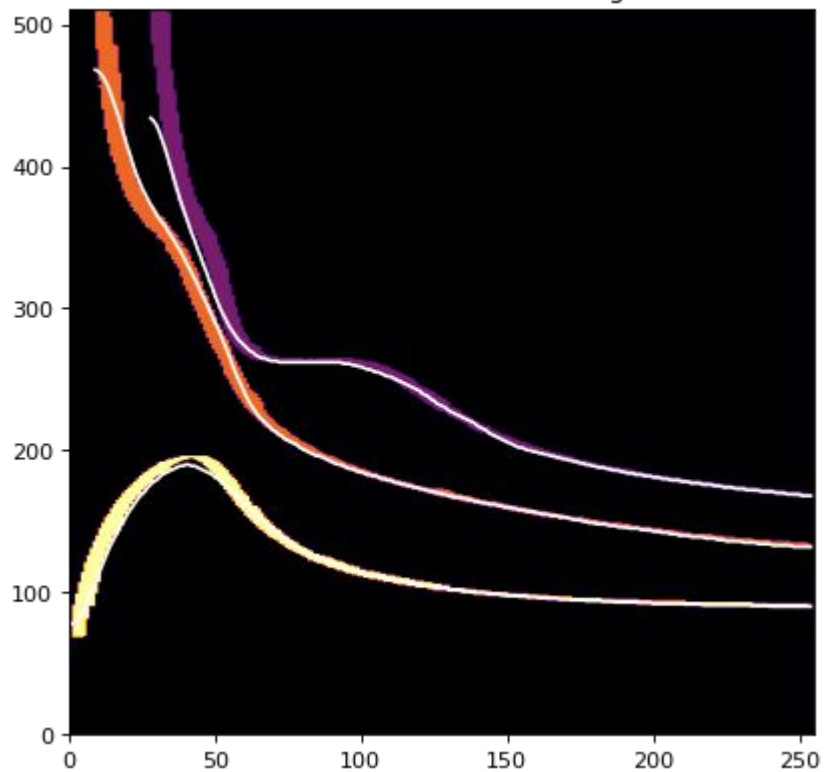
Segmentation



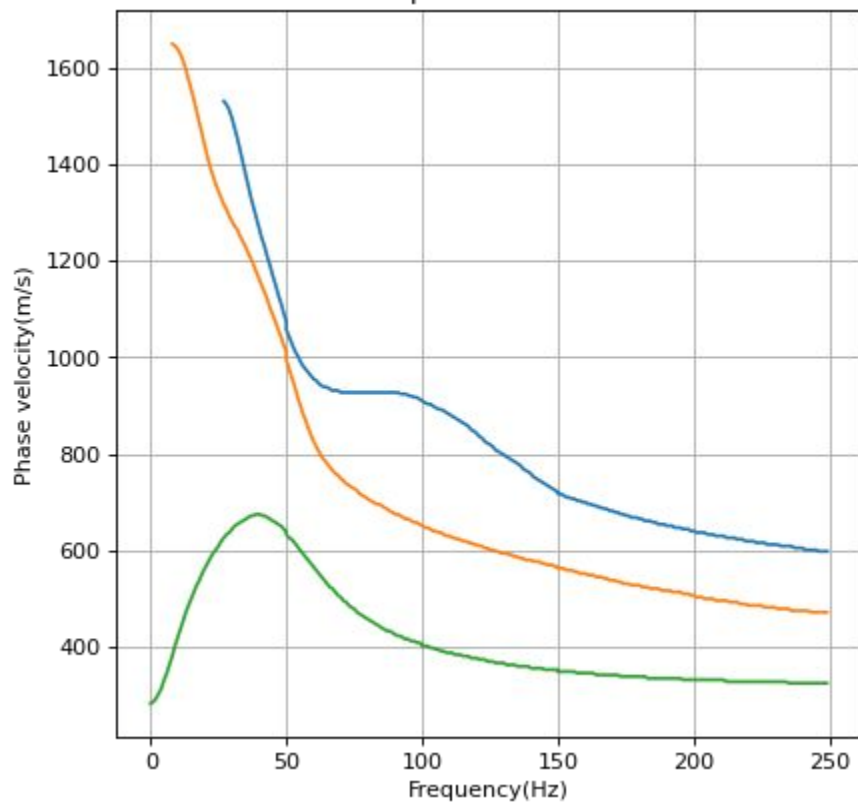
Embedding



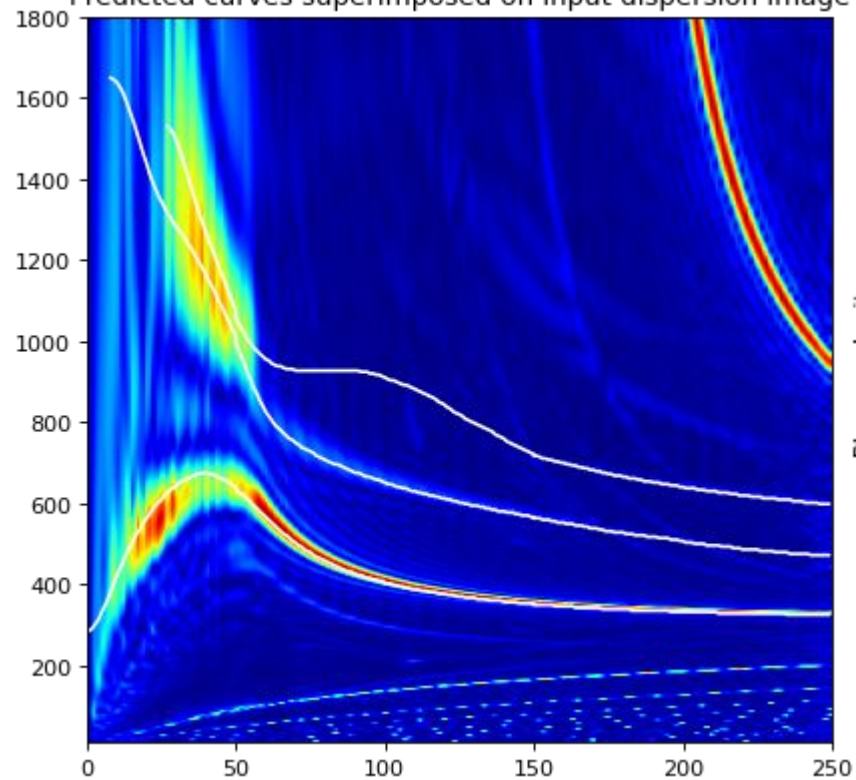
Fitted Curves After Filtering



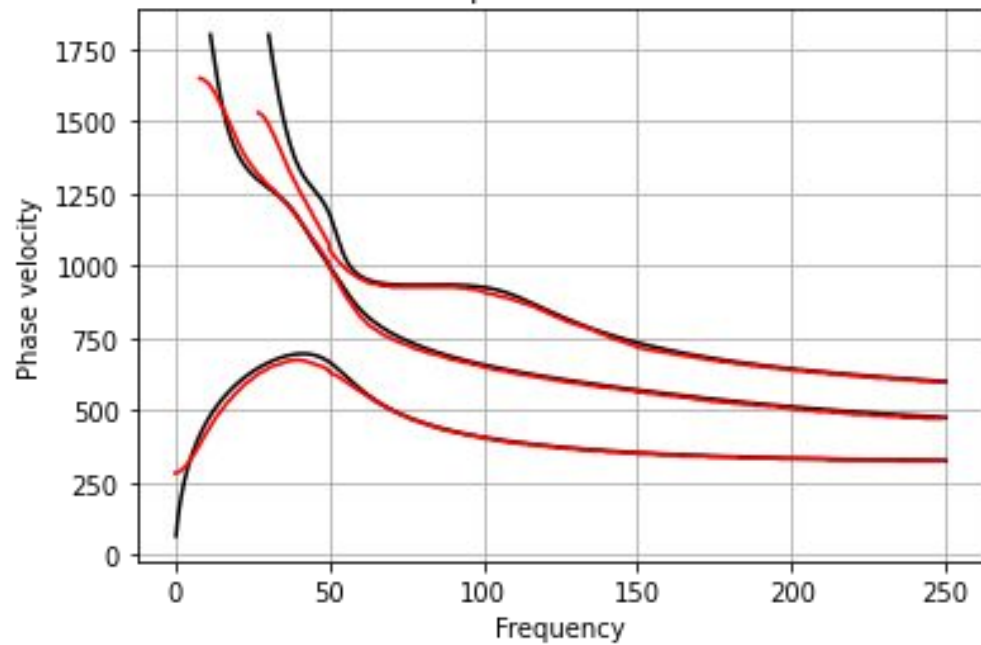
Dispersion Curves



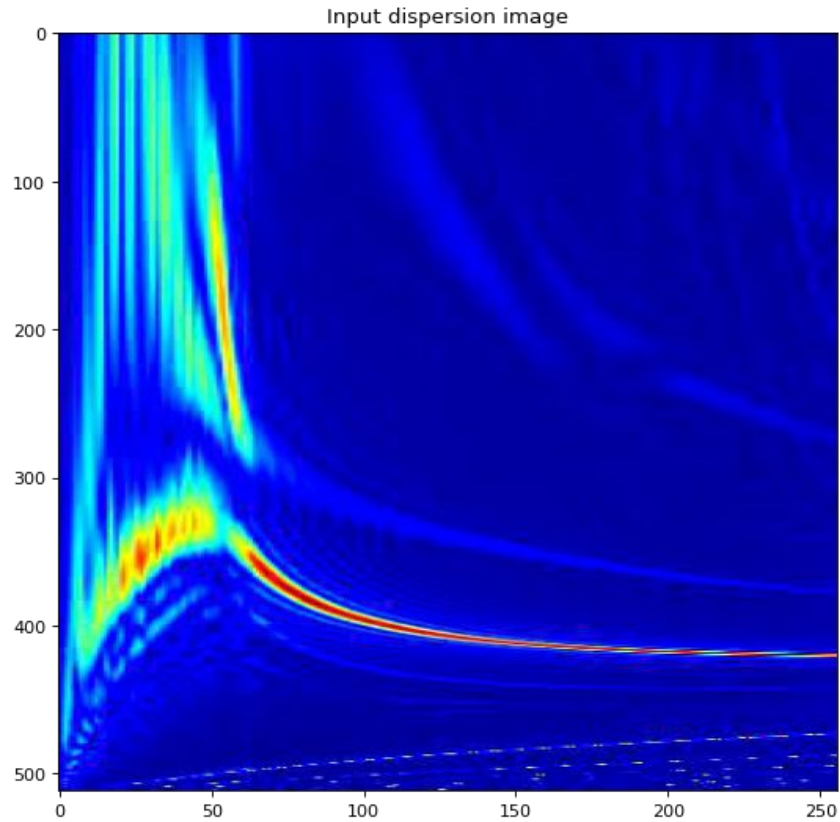
Predicted curves superimposed on input dispersion image



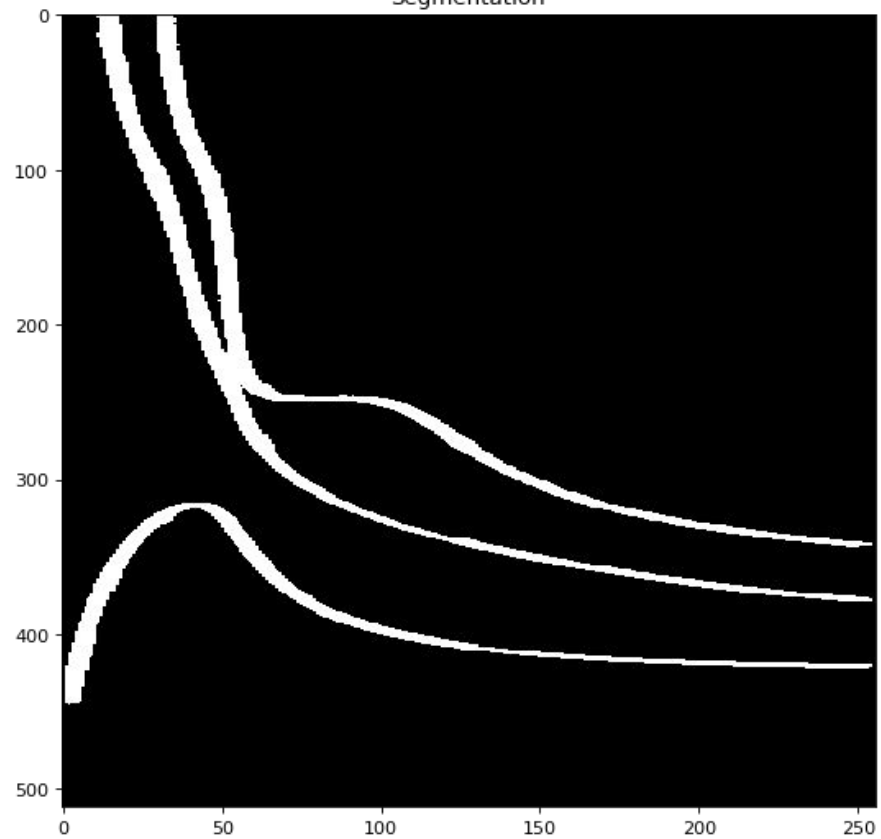
Dispersion Curves



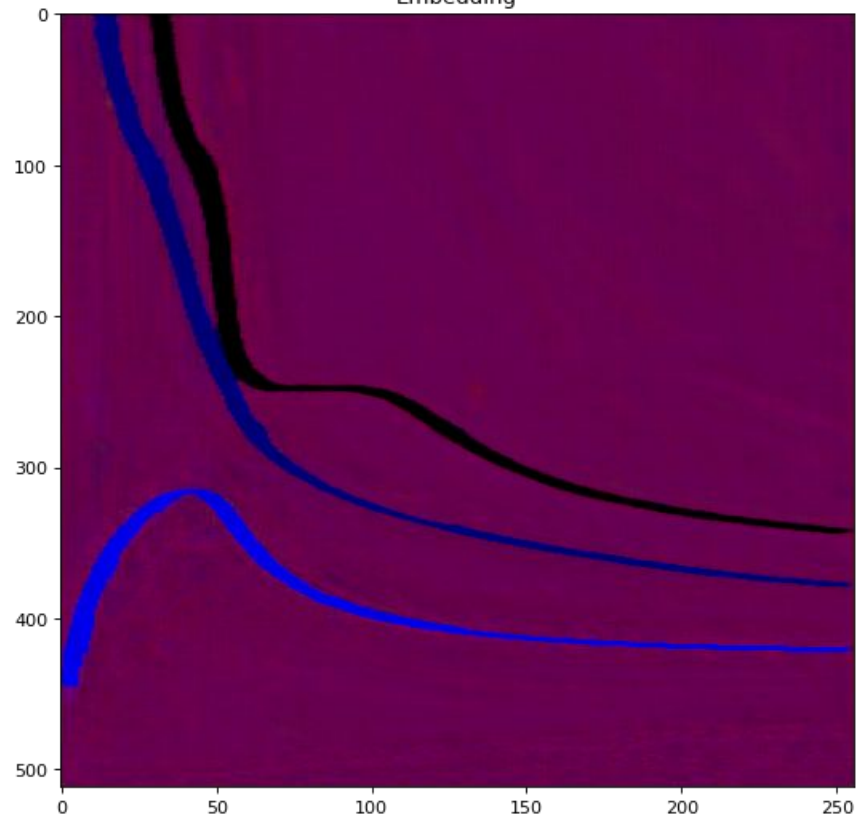
# Test on Karst



Segmentation

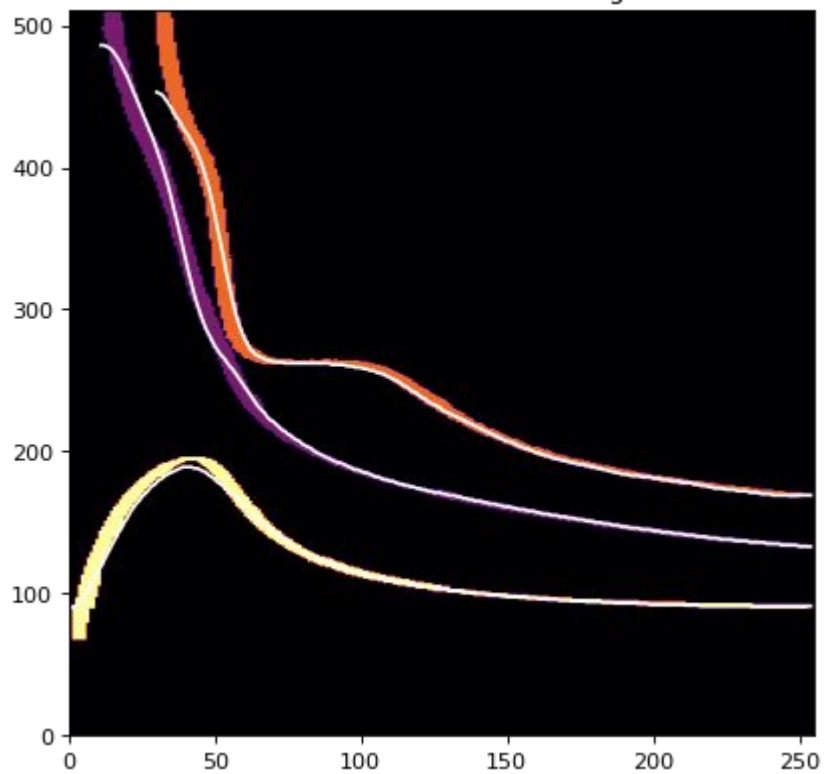


Embedding

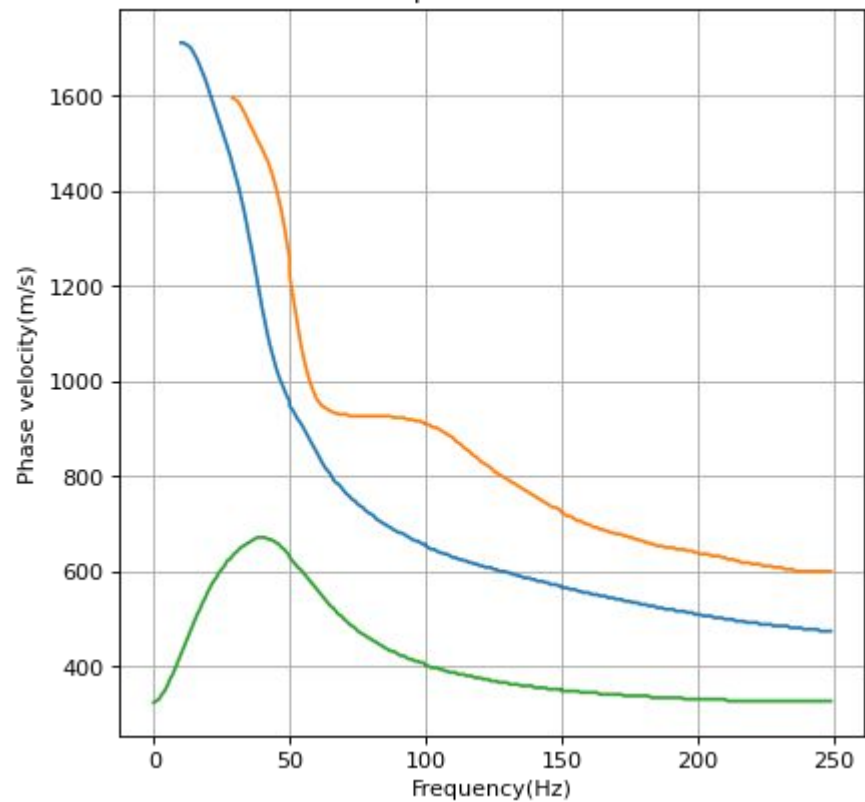




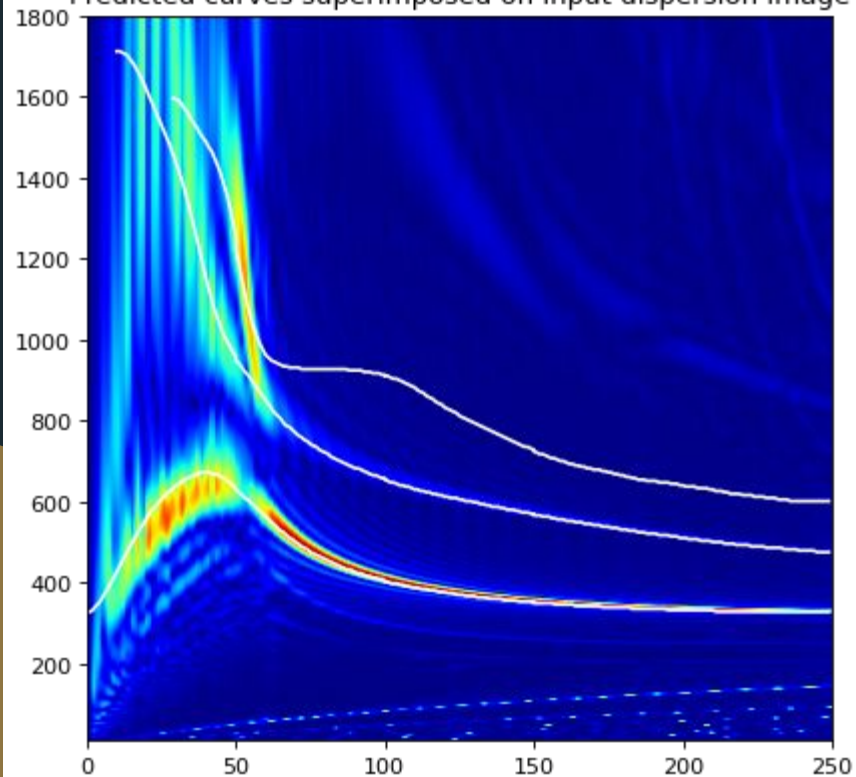
Fitted Curves After Filtering



Dispersion Curves



Predicted curves superimposed on input dispersion image



Dispersion Curves

