







Korea Institute of  
Science and Technology

APPLICATION

▶ C++

▶ QT

▶ ITK

▶ VTK

▶ Tensorflow



Import Volume Run Segmentation

Patient Series



histogram



MIP



log





Import Volume



Run Segmentation

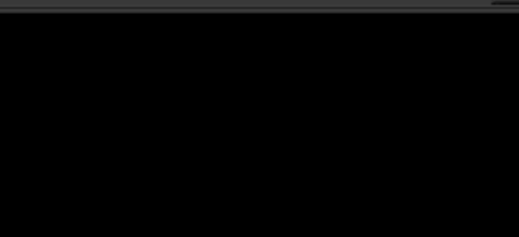
Patient Series



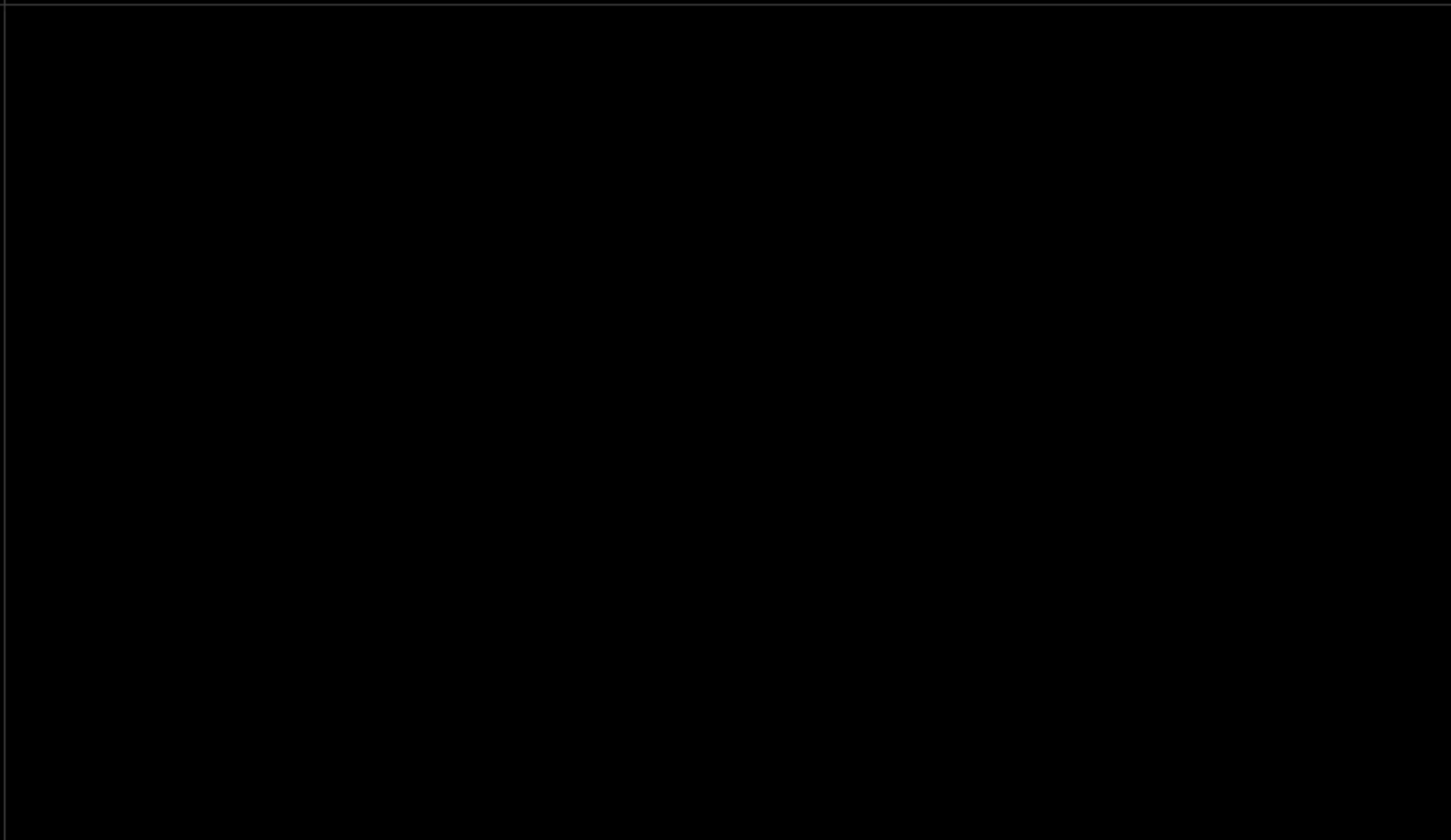
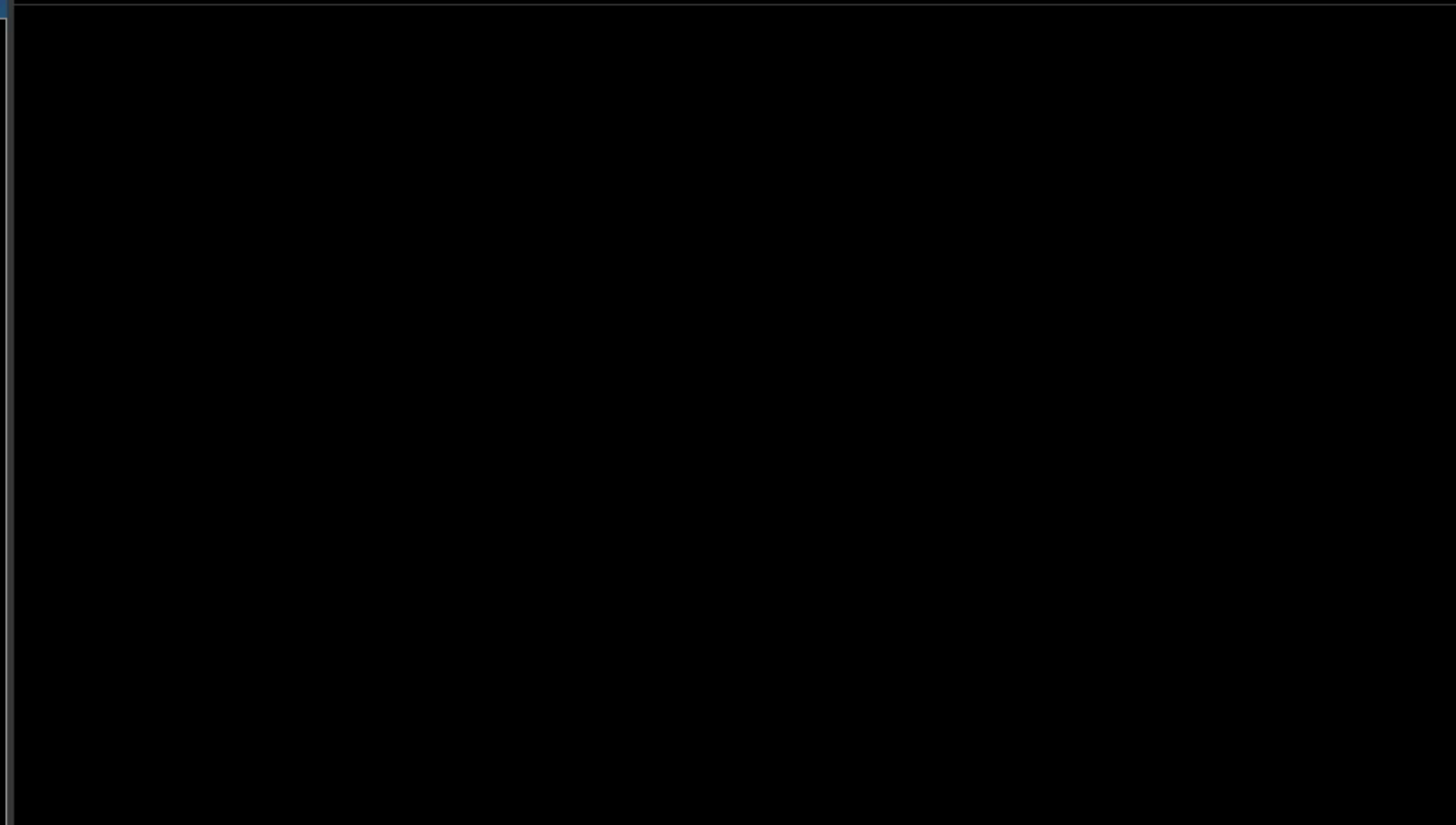
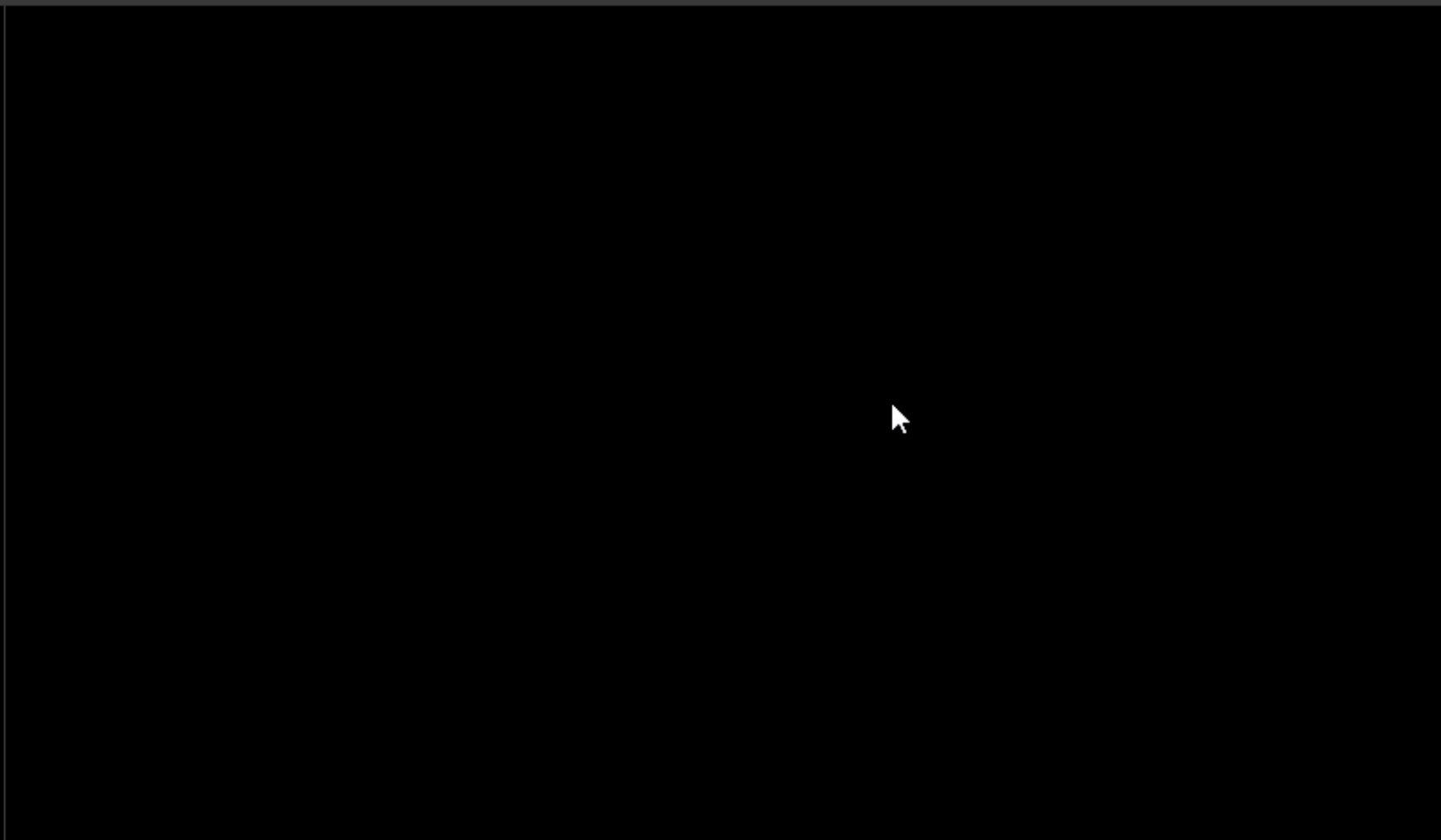
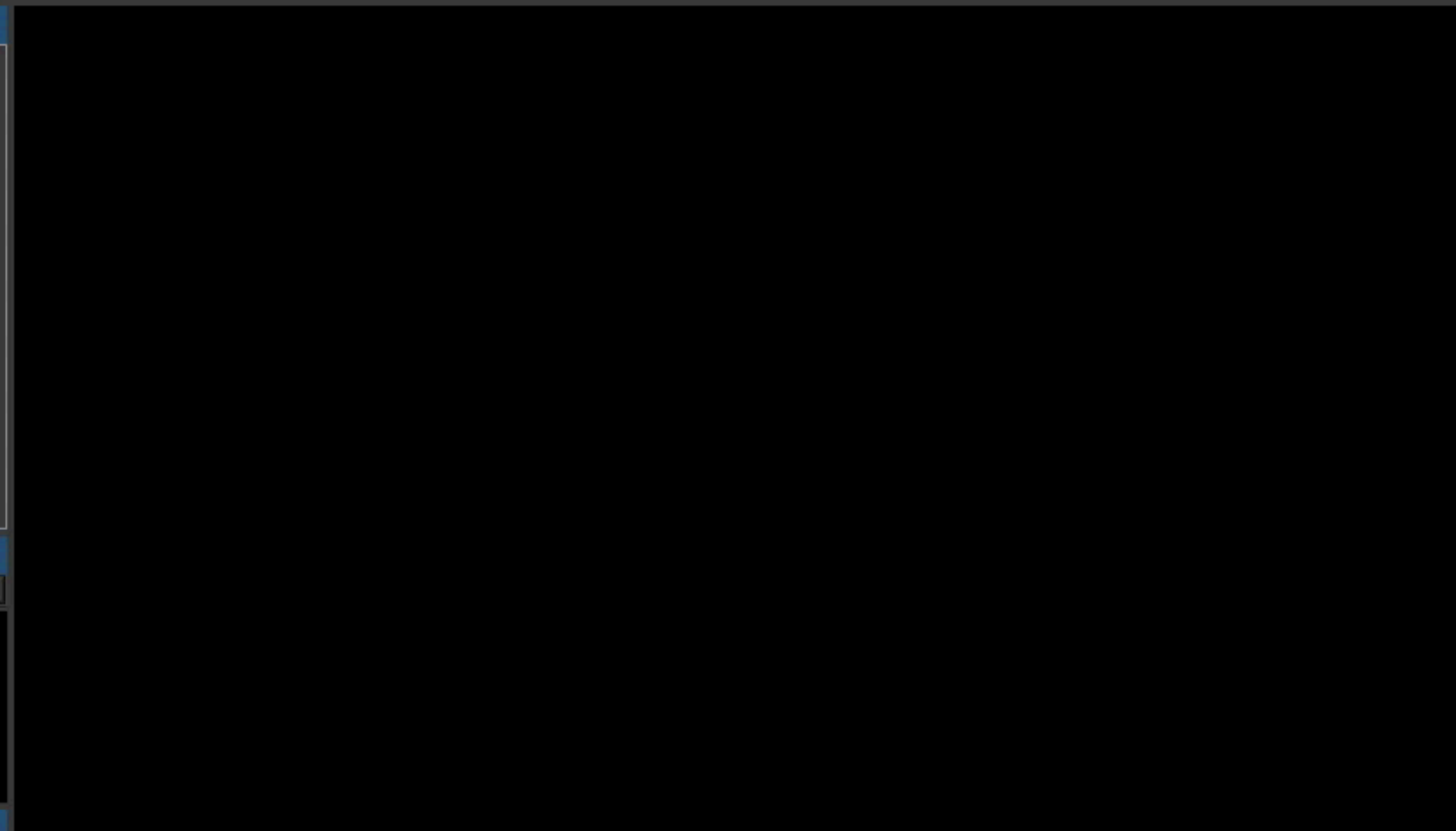
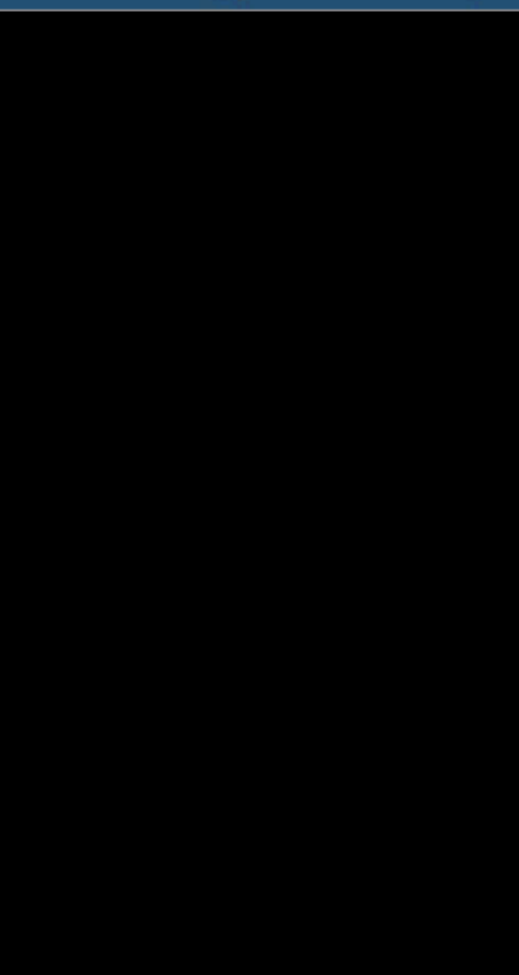
histogram



MIP

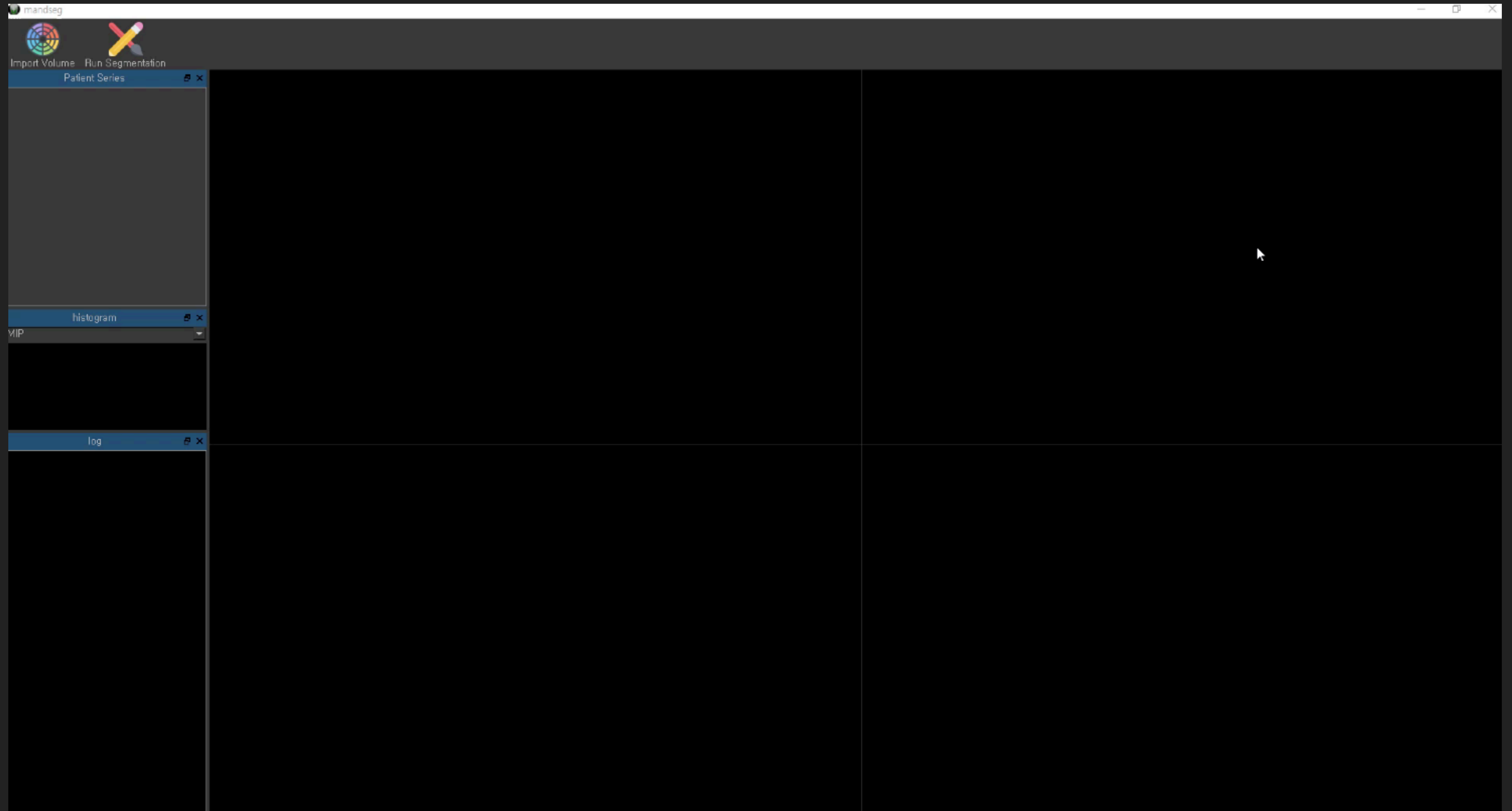


log



# APPLICATION

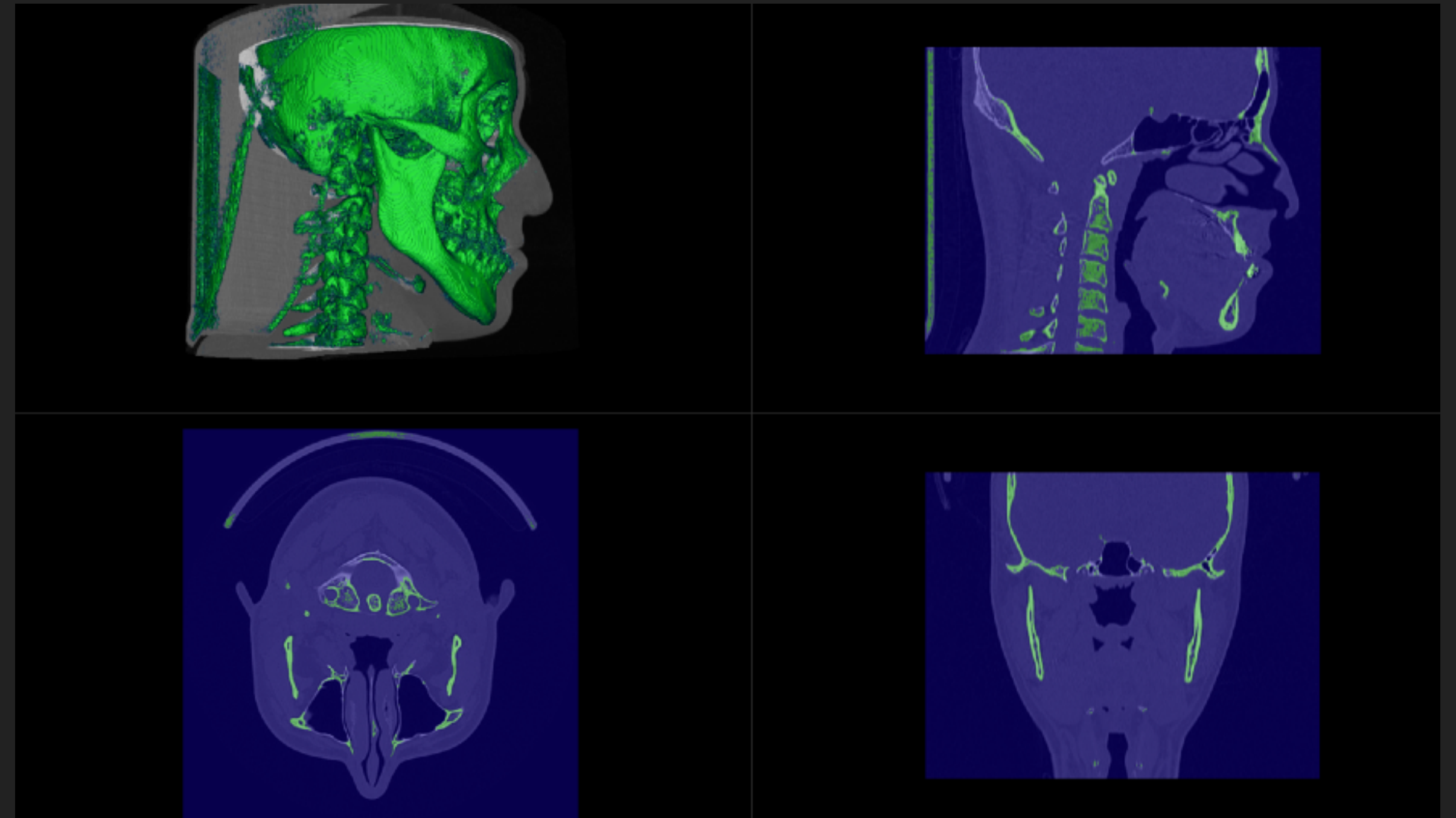
- ▶ C++
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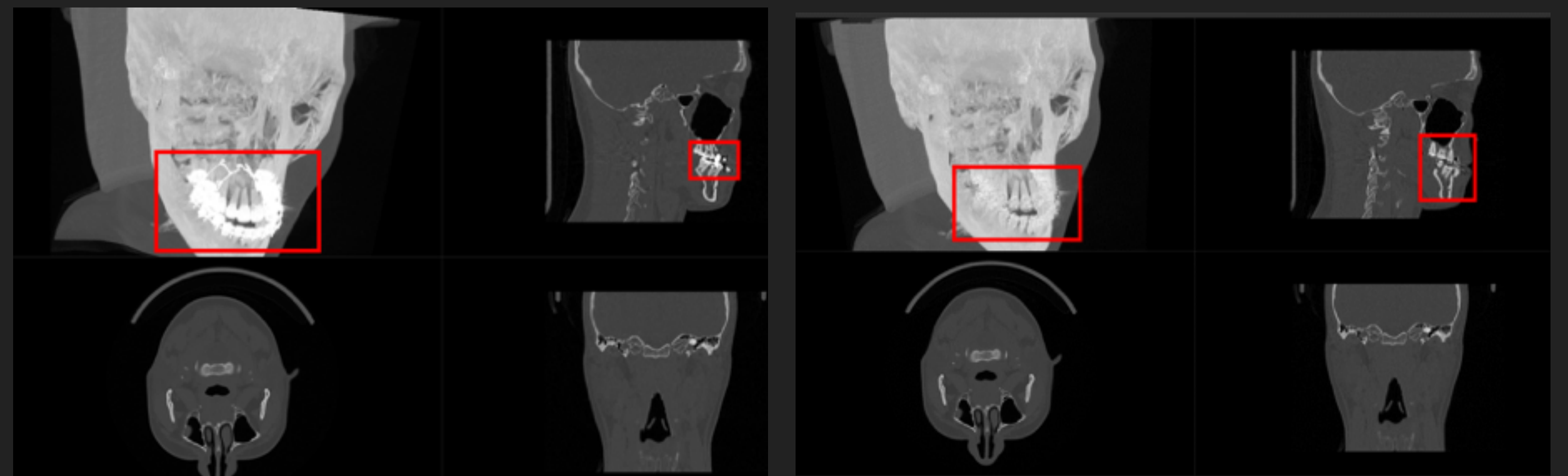


# FUTURE WORK

- ▶ **Quantitative evaluation**
  - ▶ IOU
  - ▶ Test data - cross validation
- ▶ **Optimization**
  - ▶ preprocessing
  - ▶ training : learning rate, etc
- ▶ **Application**
  - ▶ use channel-first



epoch 12 (overfitting?)



noisy data