



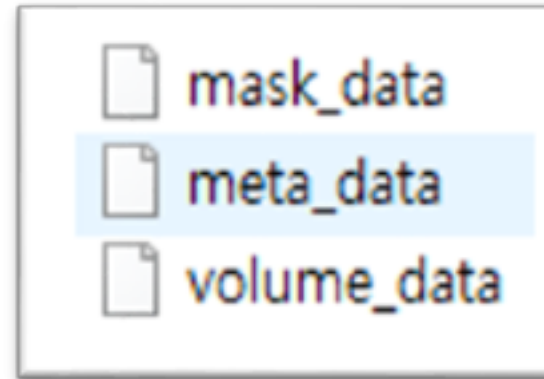
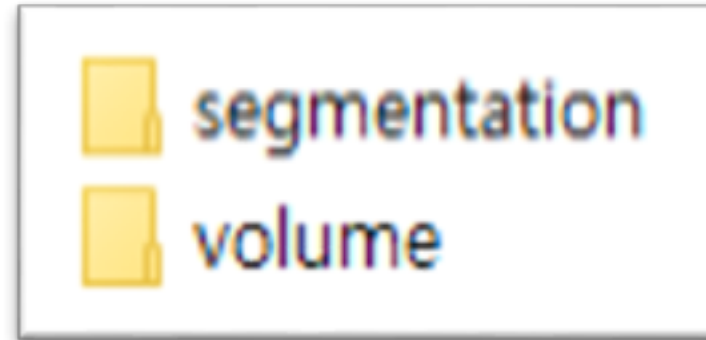




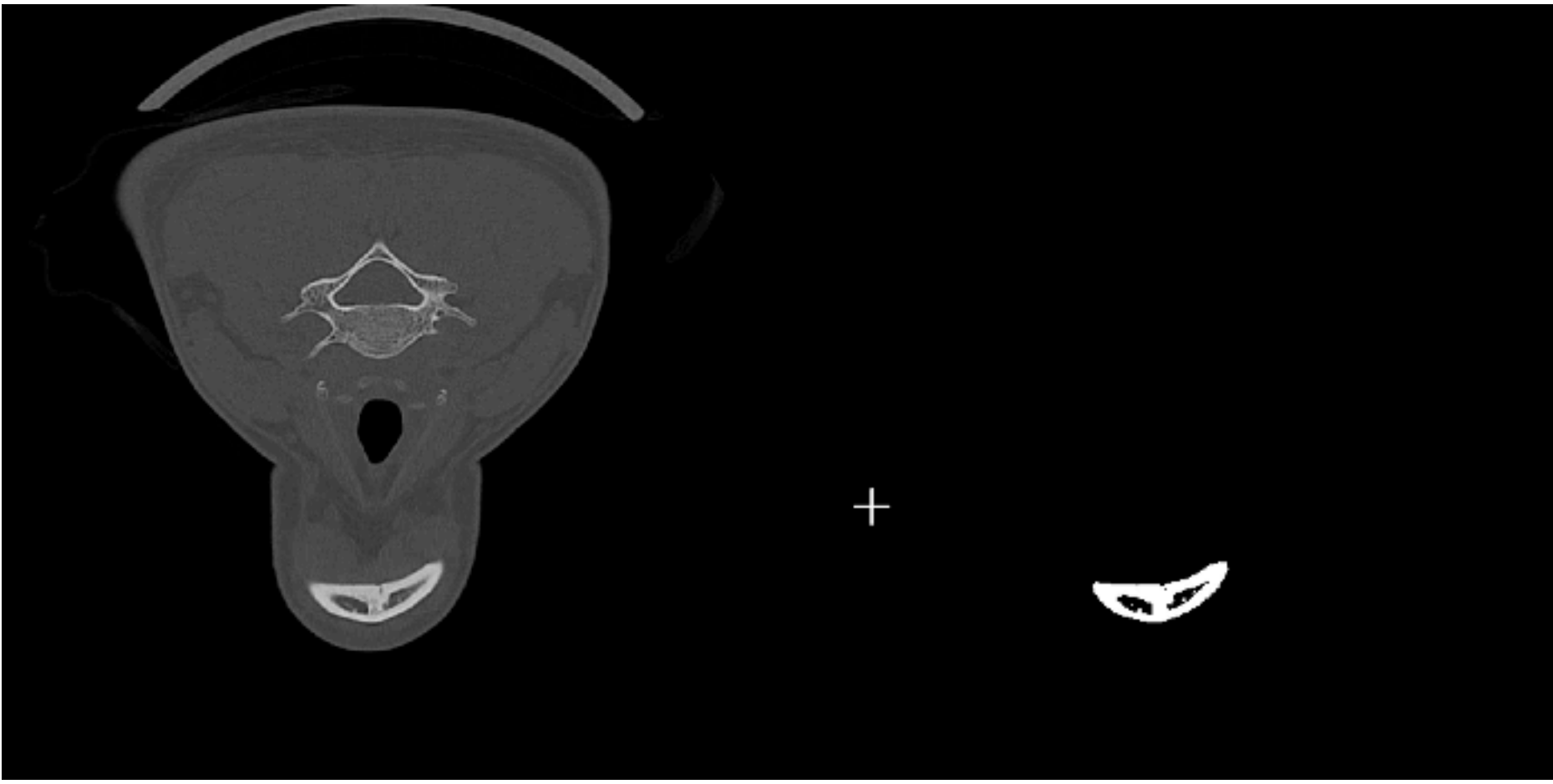
Korea Institute of  
Science and Technology

**DATA PREPROCESSING**

- ▶ dicom image -> metadata (python lists)
- ▶ Slices without mask were excluded
- ▶ Shuffle every epoch



x100



exported training data



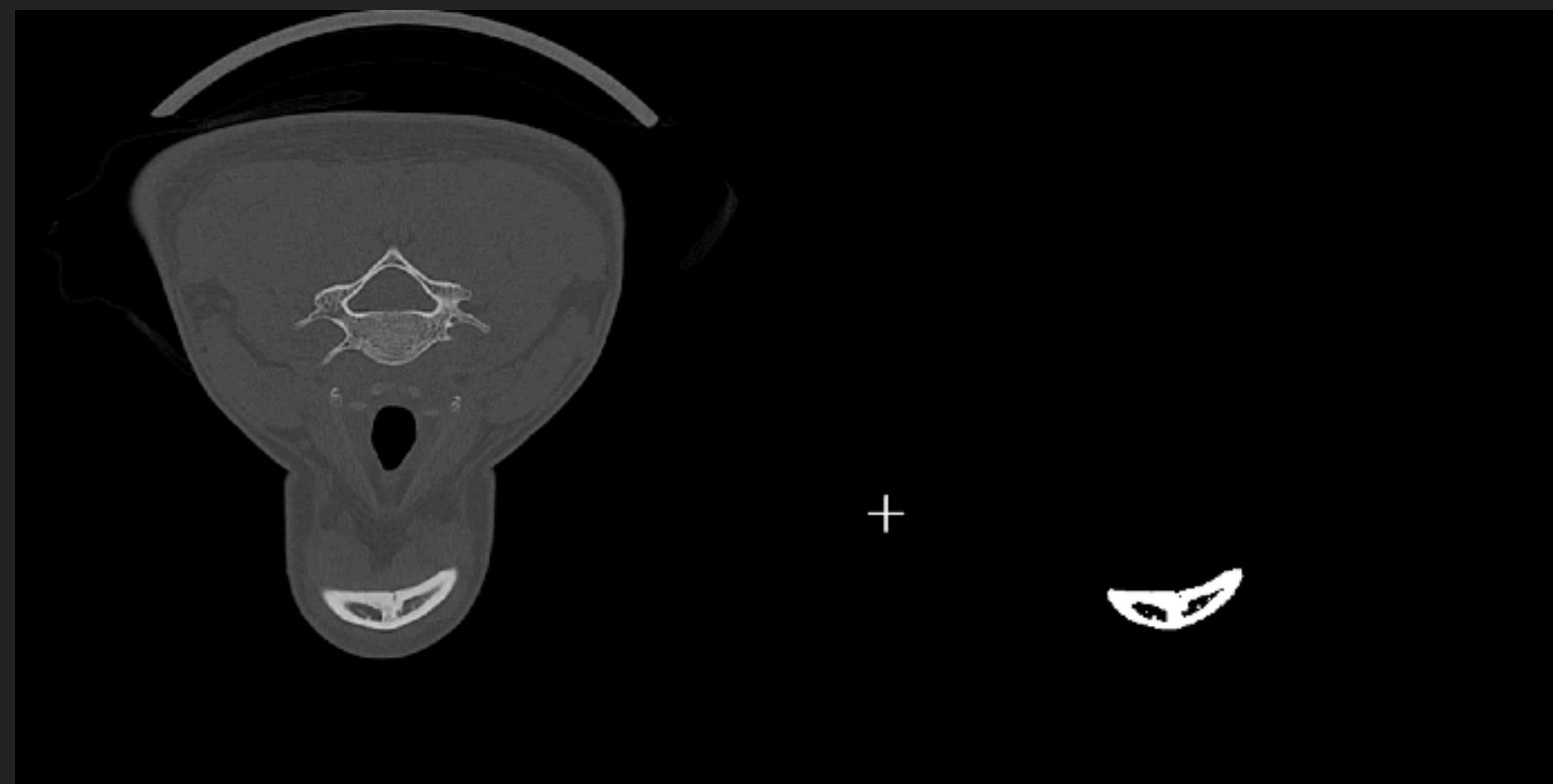
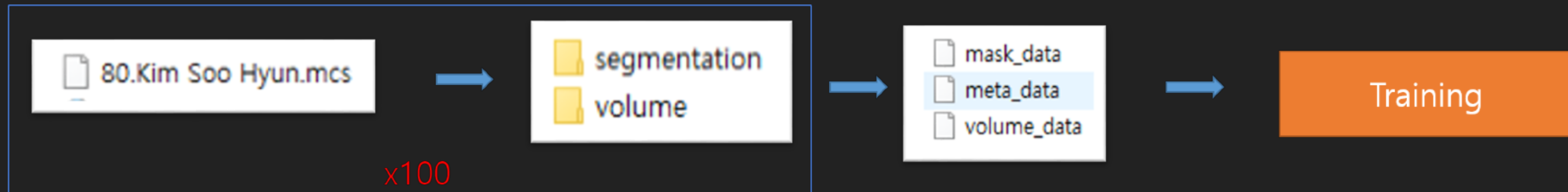


+



# DATA PREPROCESSING

- ▶ dicom image -> metadata (python lists)
- ▶ Slices without mask were excluded
- ▶ Shuffle every epoch

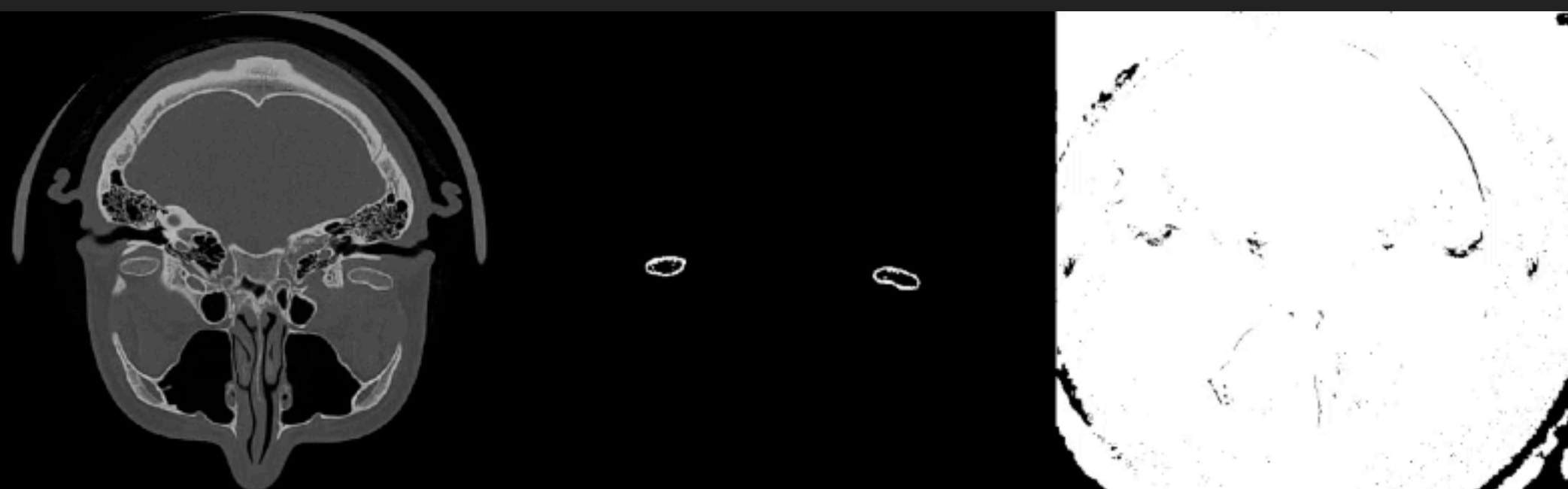


exported training data

# TRAINING

- ▶ Adam optimizer
- ▶ Learning rate :  $1e-5$
- ▶ Loss : Softmax cross entropy

training slice



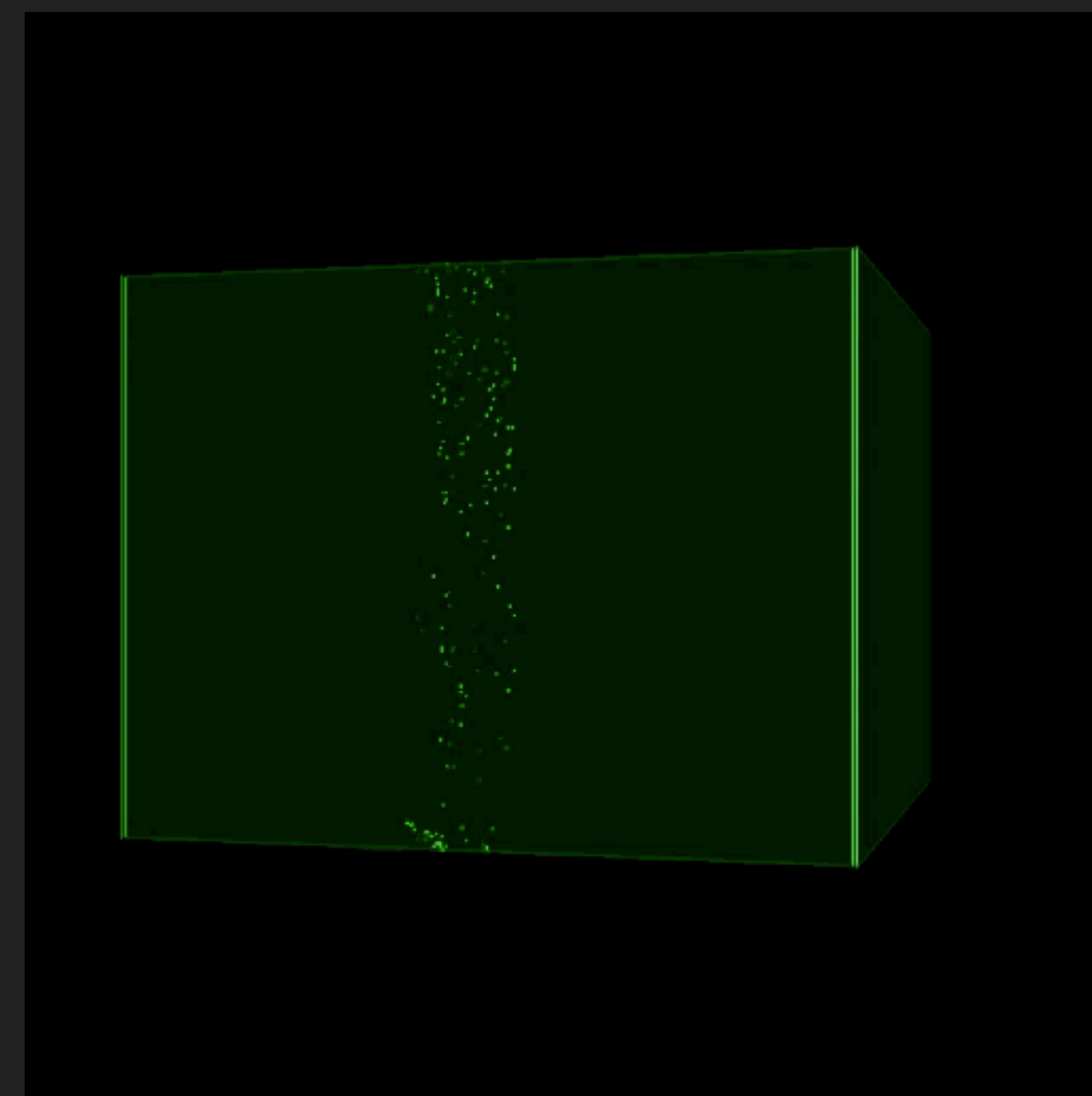
test slice



image

ground truth

predicted



prediction change in 3D