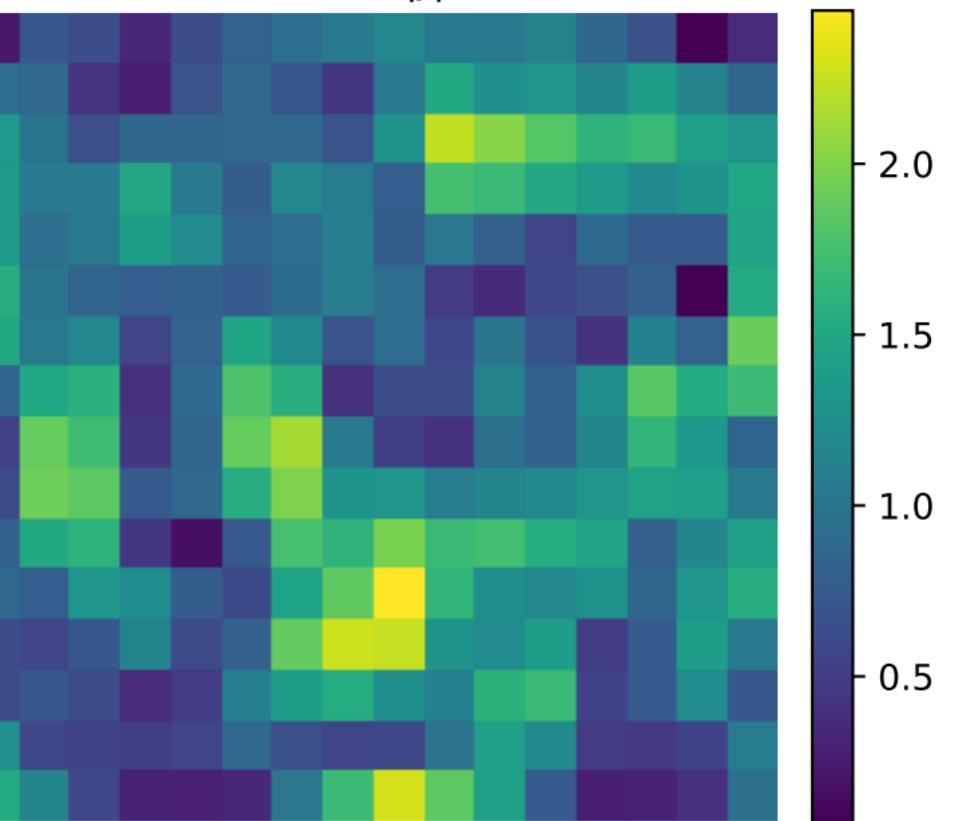
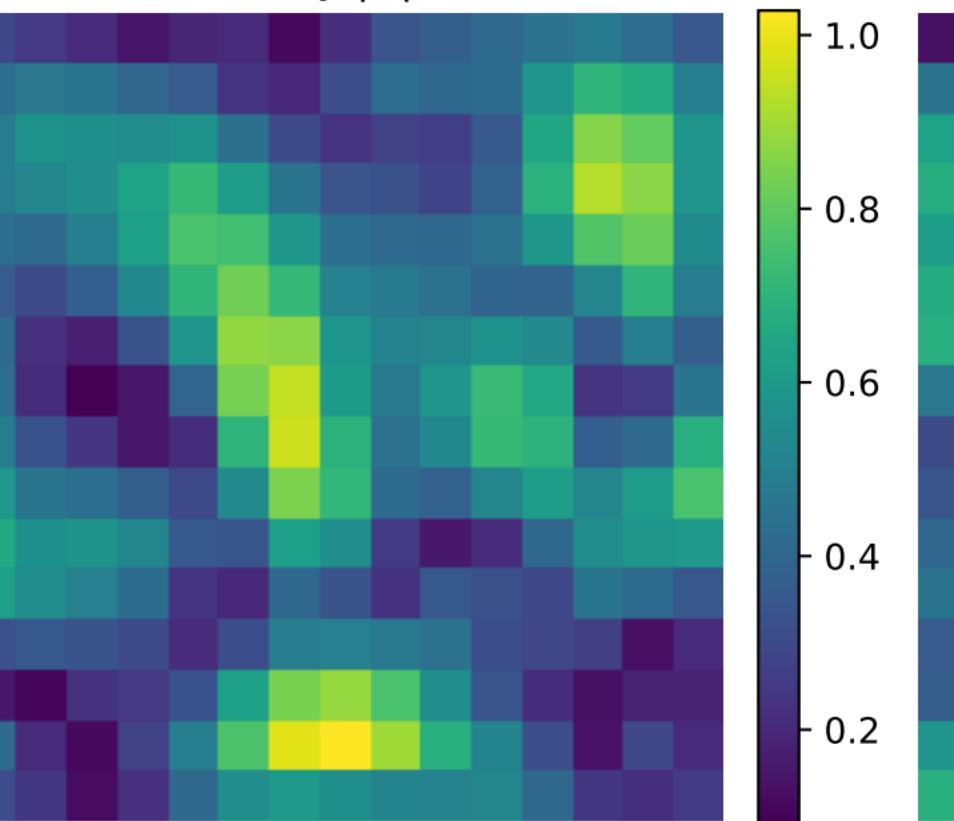
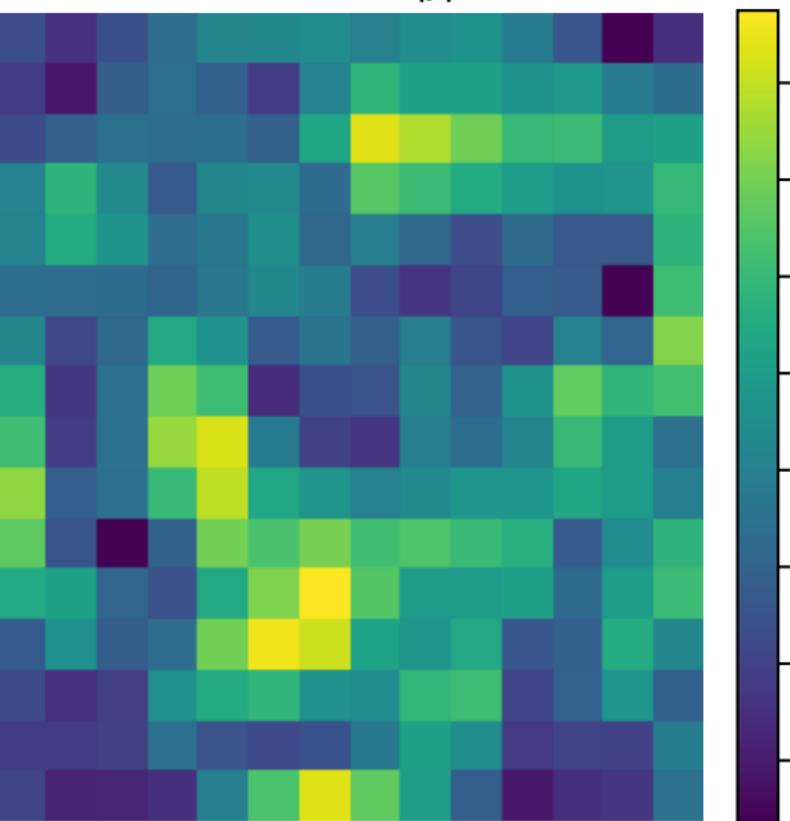
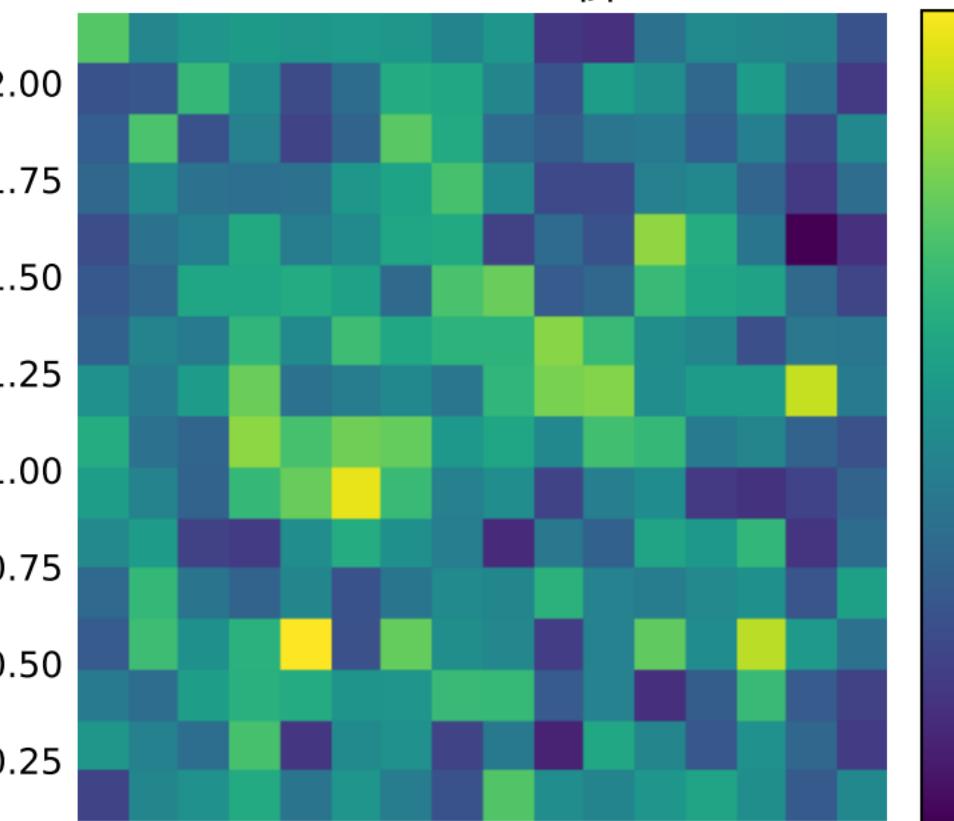
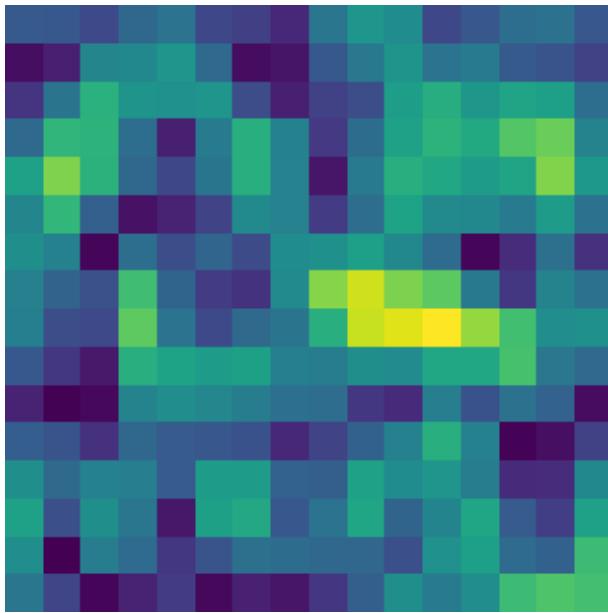


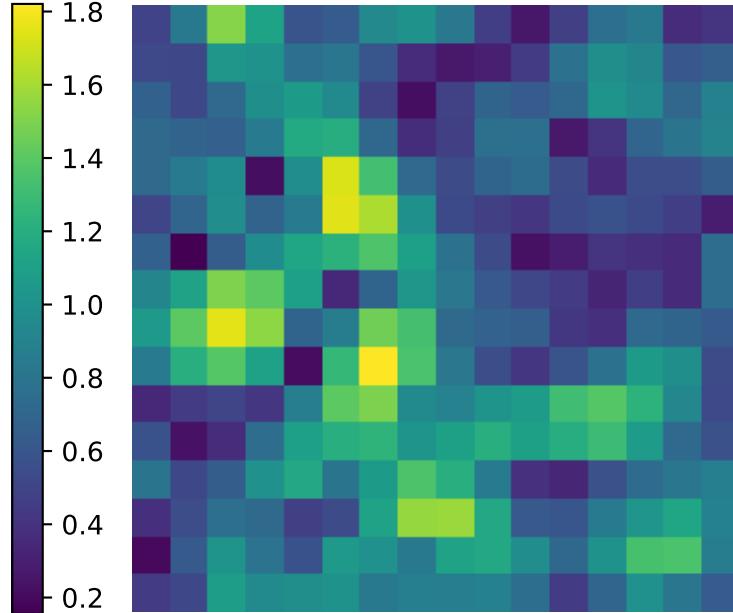
True $|J|$ Noisy $|B|$ Recon Mean $|J|$ Recon Std $|J|$ 

True $|J|$ - Axial Slices

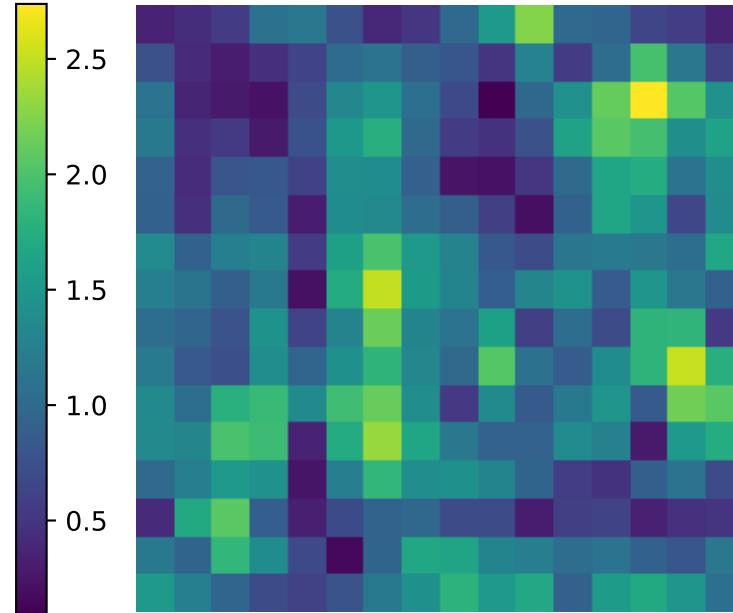
Slice 0



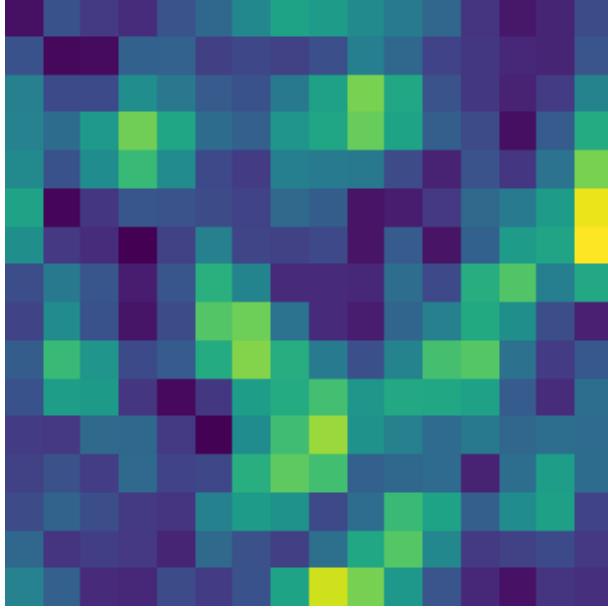
Slice 3



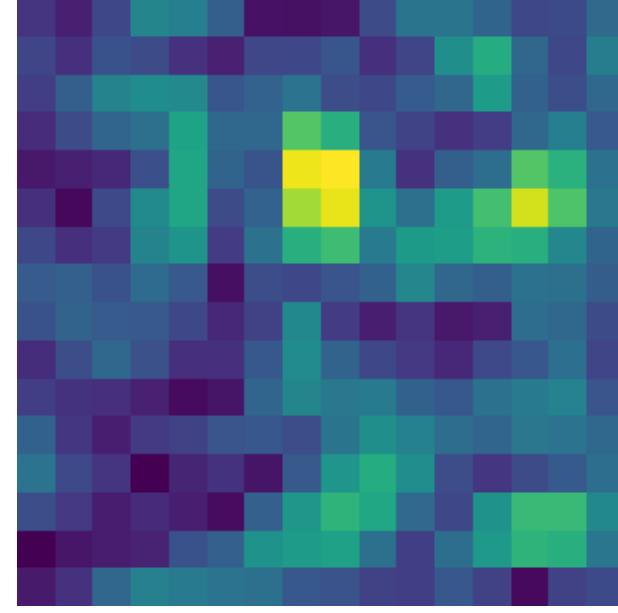
Slice 6



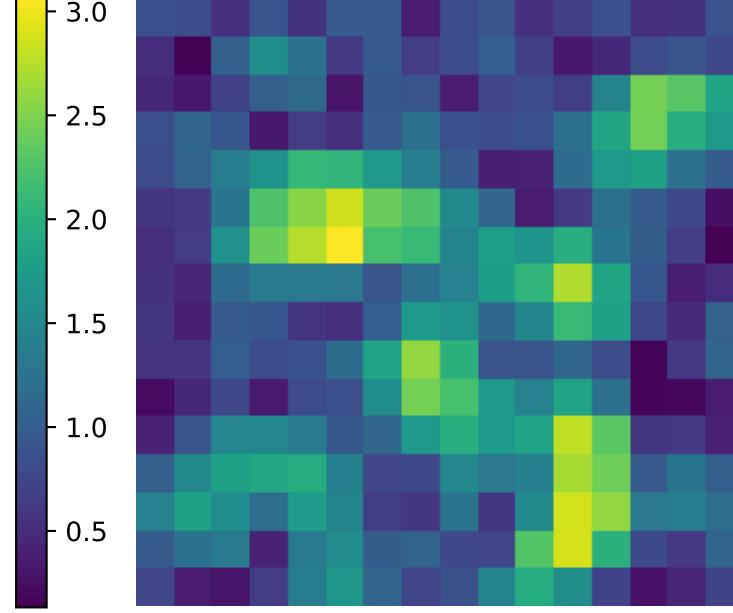
Slice 9



Slice 12

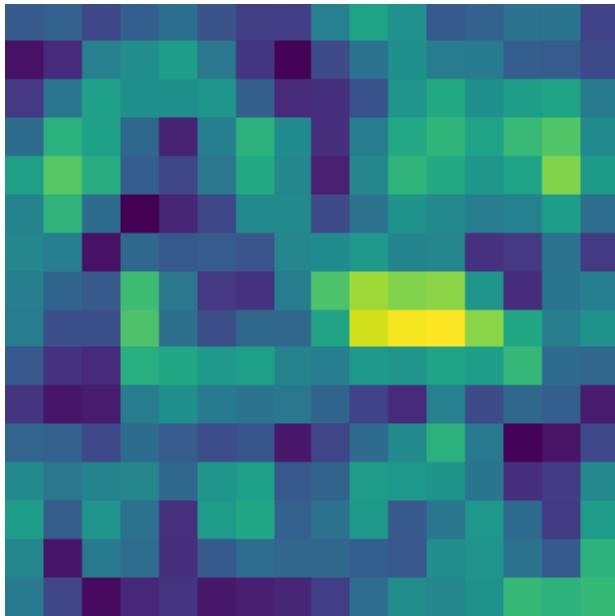


Slice 15

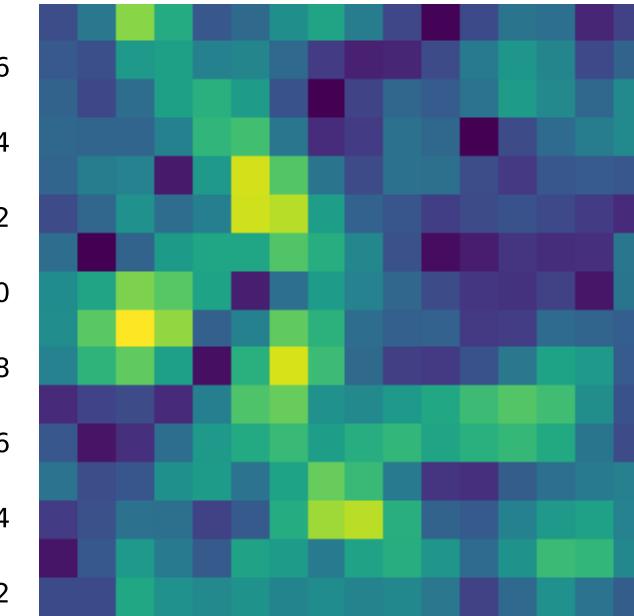


Reconstructed Mean $|J|$ - Axial Slices

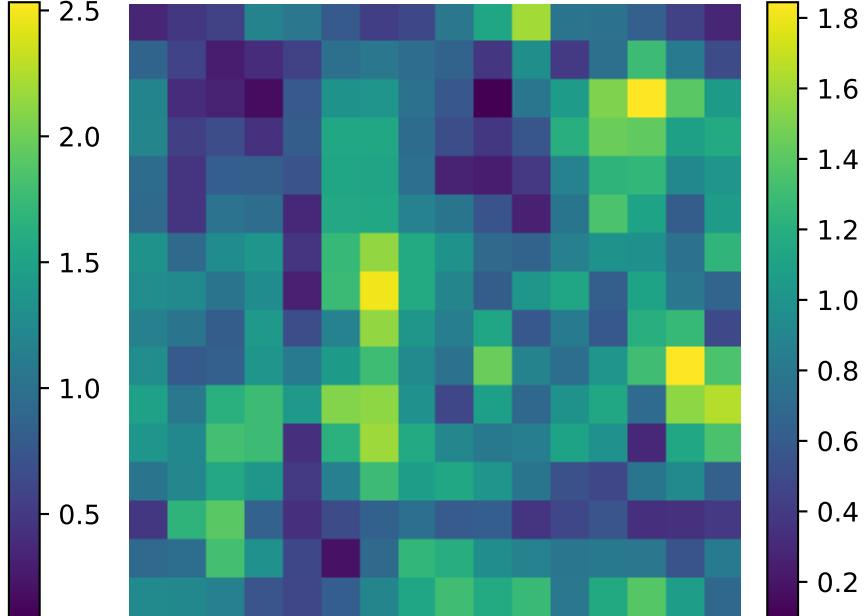
Slice 0



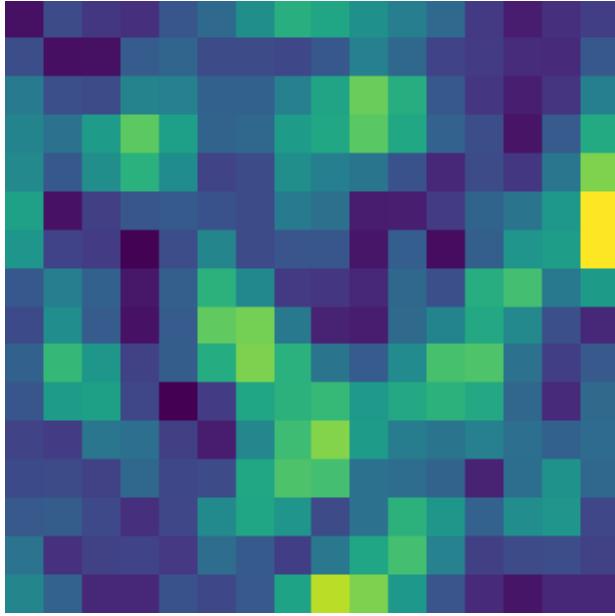
Slice 3



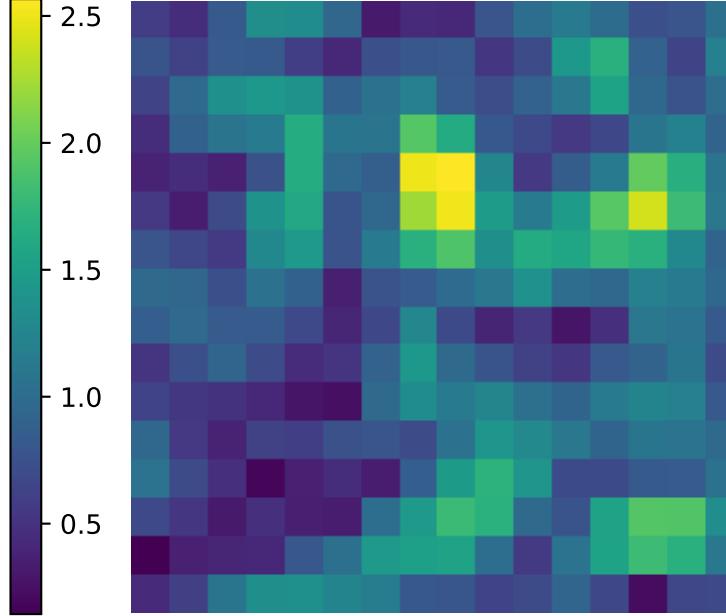
Slice 6



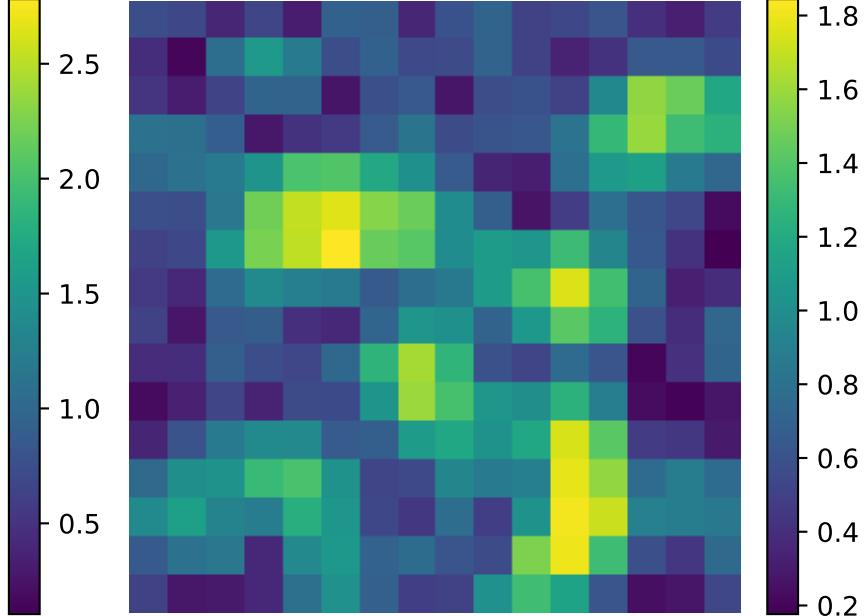
Slice 9



Slice 12

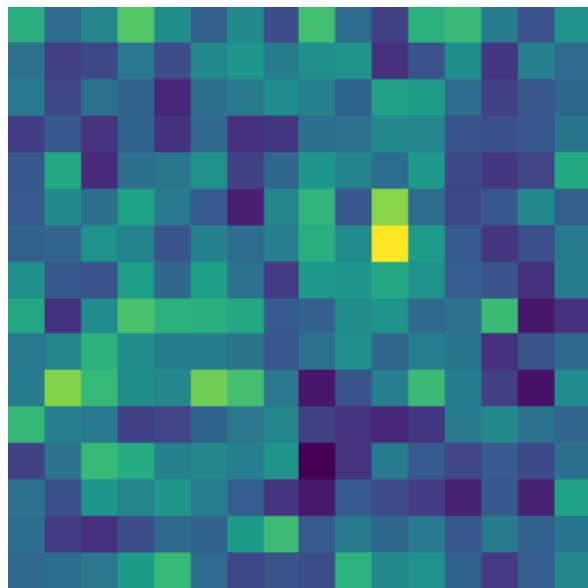


Slice 15

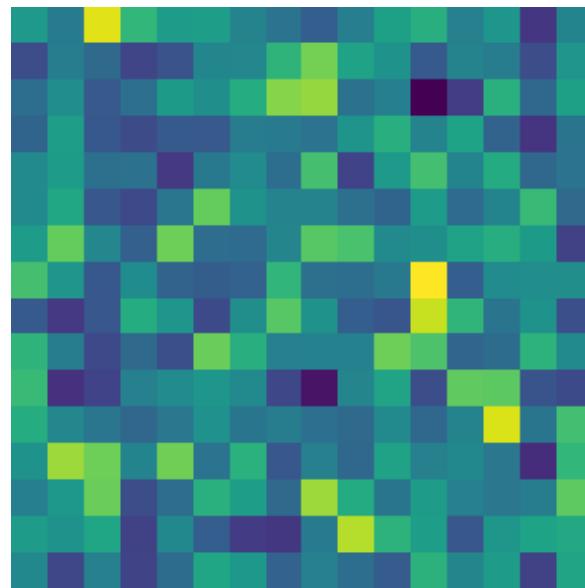


Reconstruction Uncertainty - Axial Slices

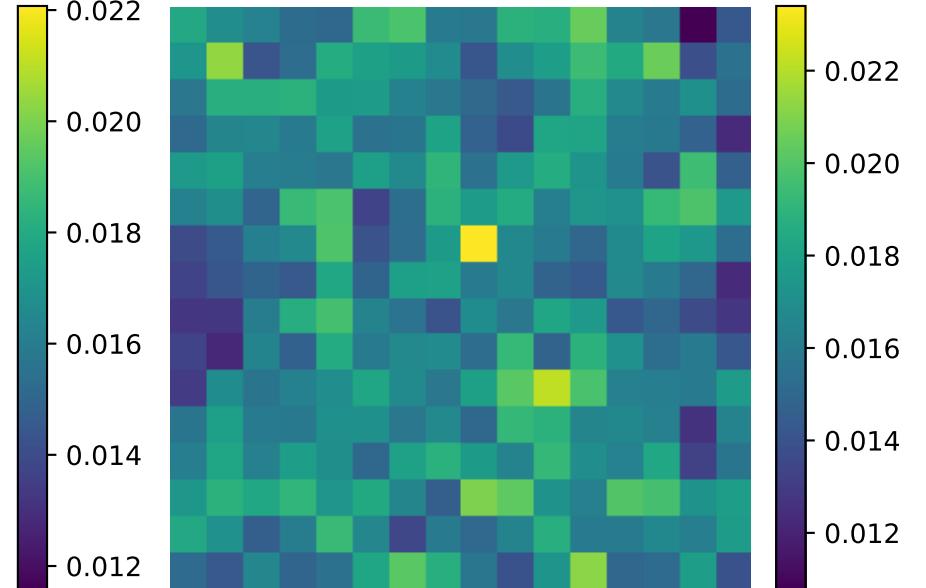
Slice 0



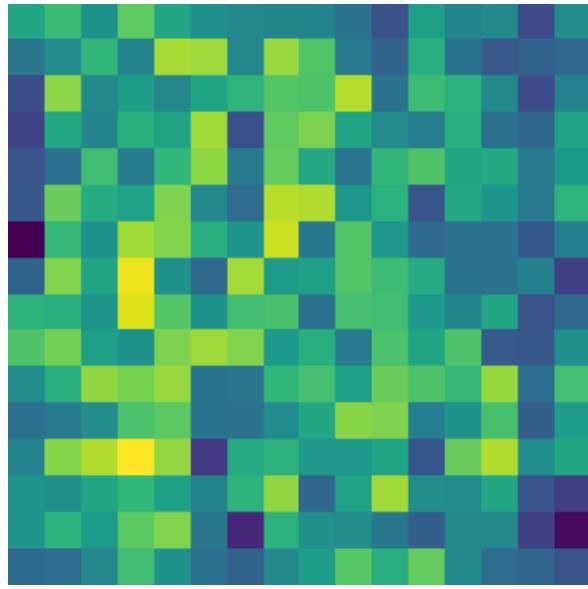
Slice 3



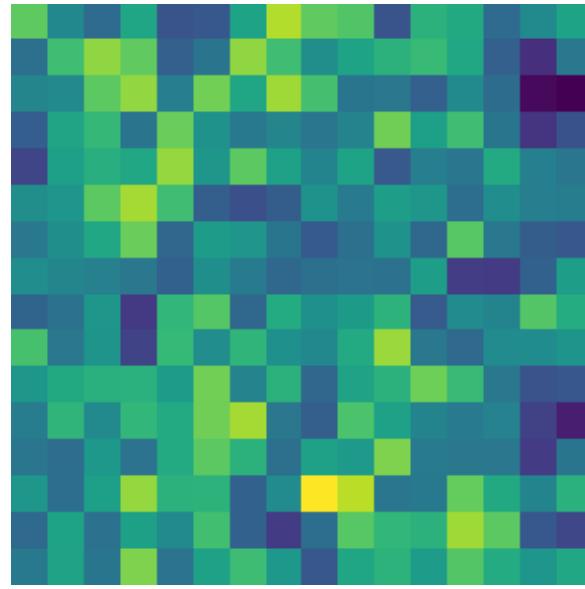
Slice 6



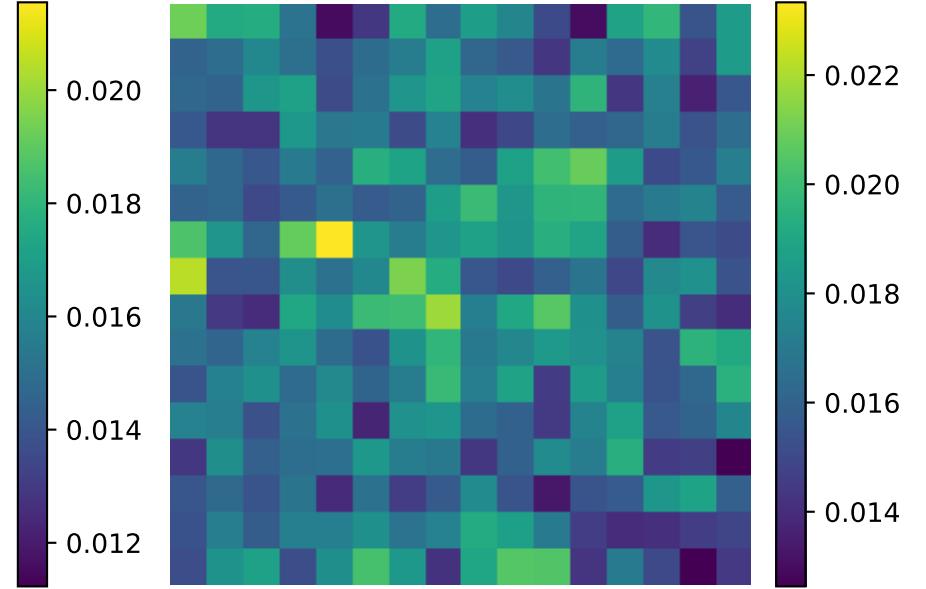
Slice 9



Slice 12

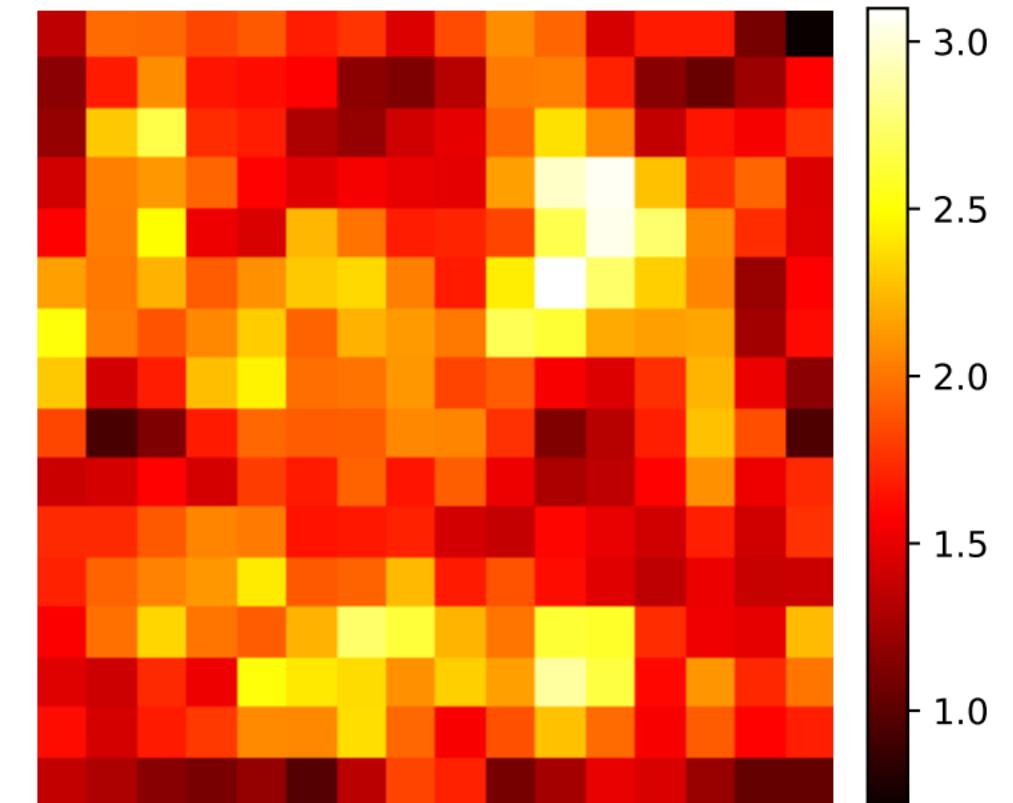


Slice 15

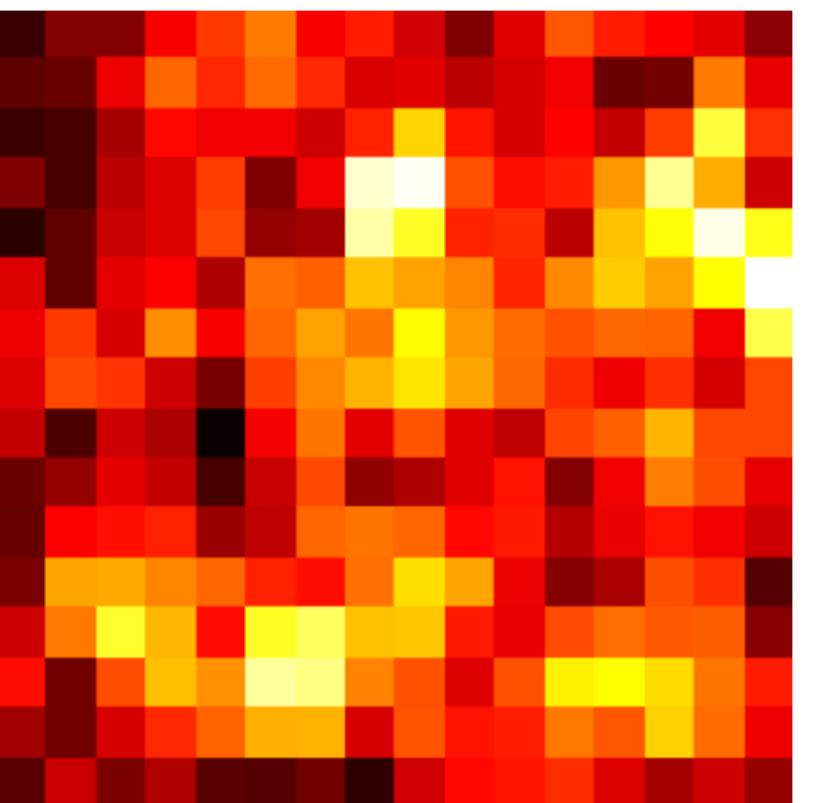


True $|J|$ - MIP

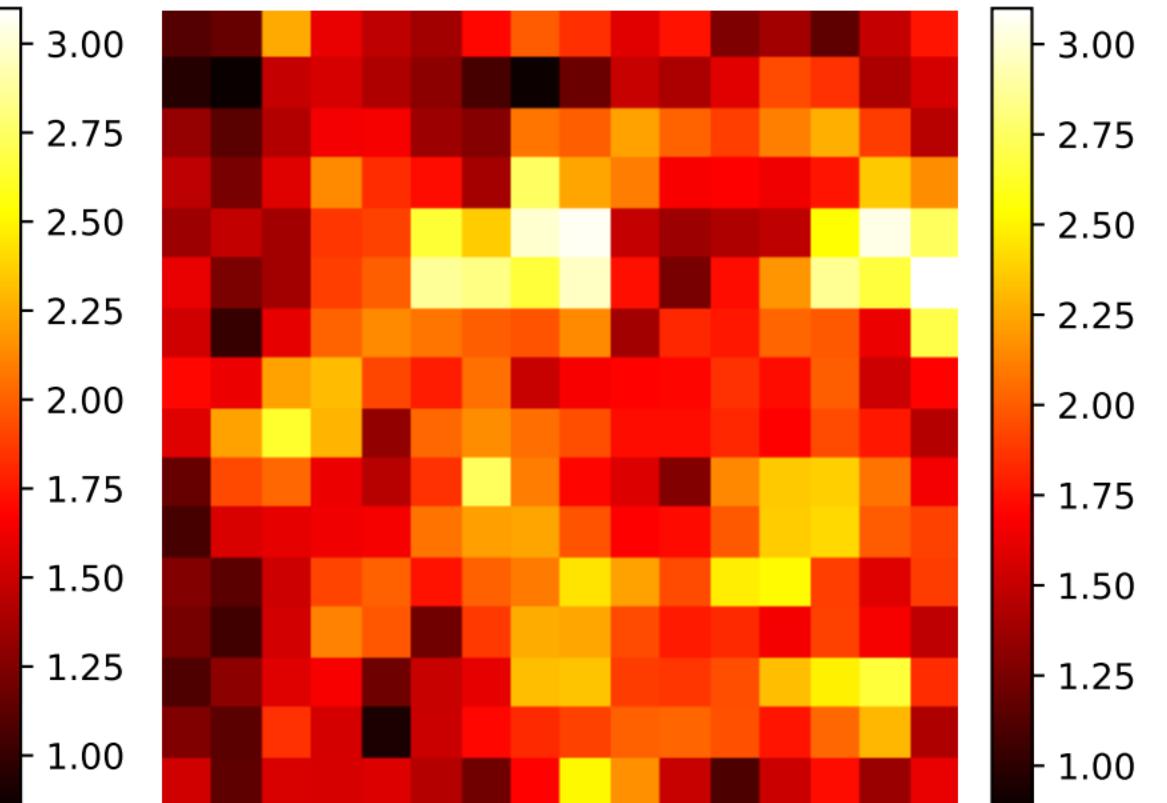
MIP along X



MIP along Y

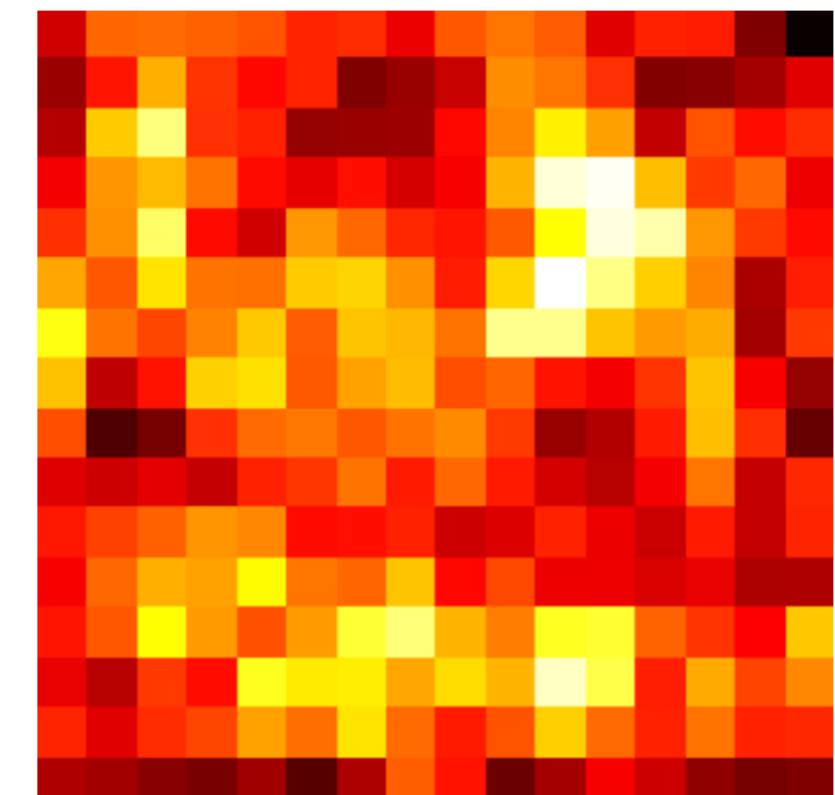


MIP along Z

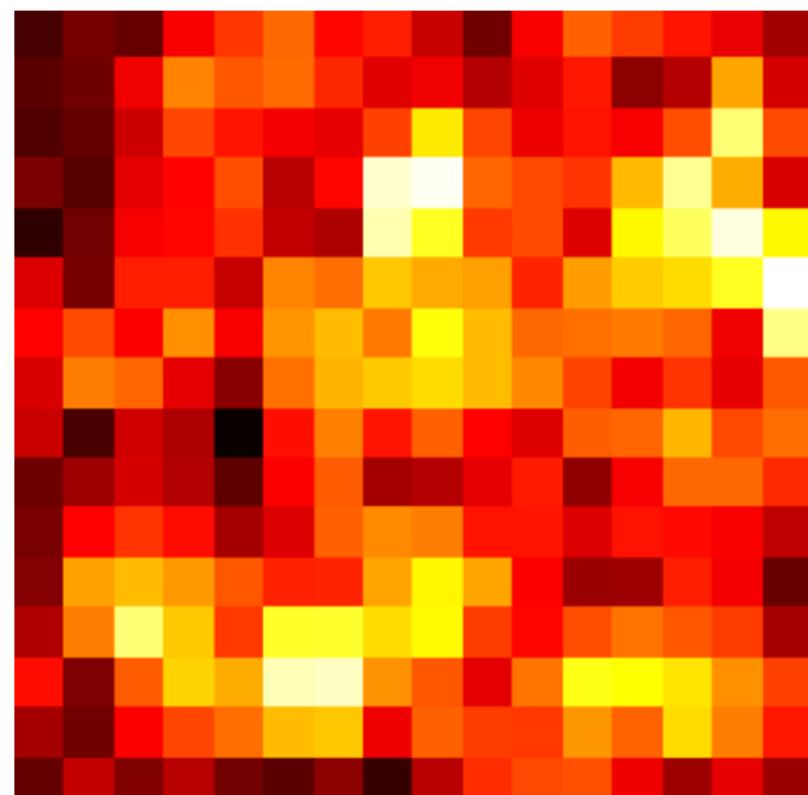


Reconstructed Mean $|J|$ - MIP

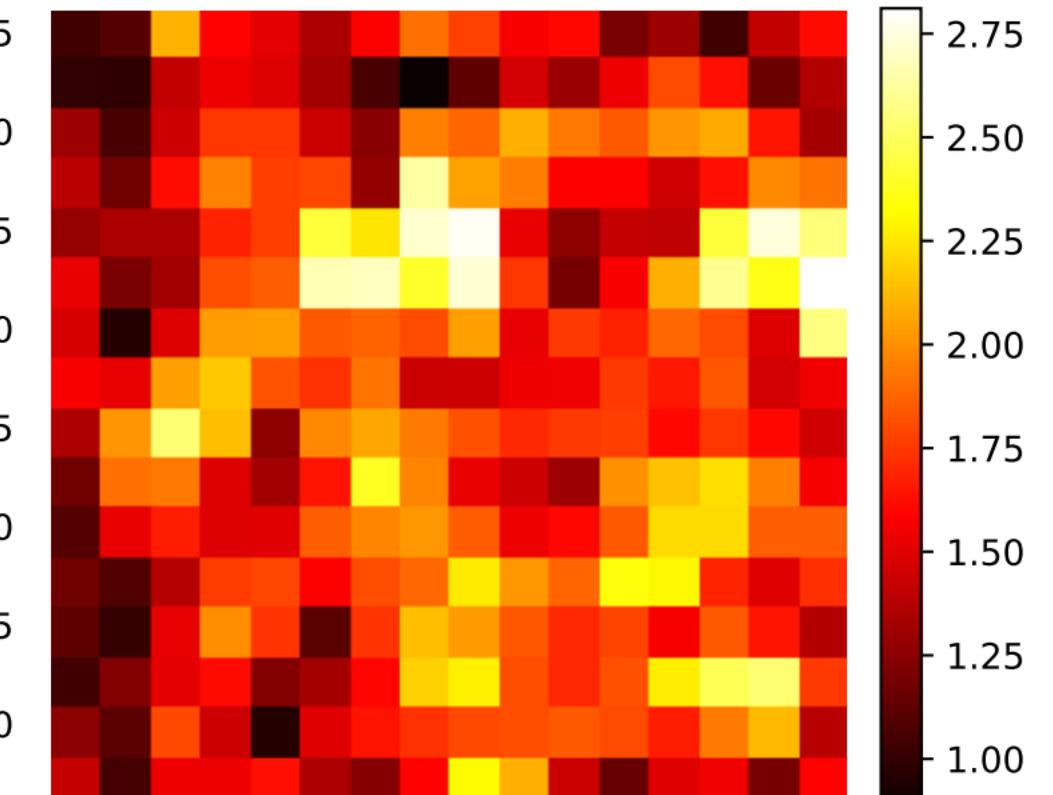
MIP along X



MIP along Y

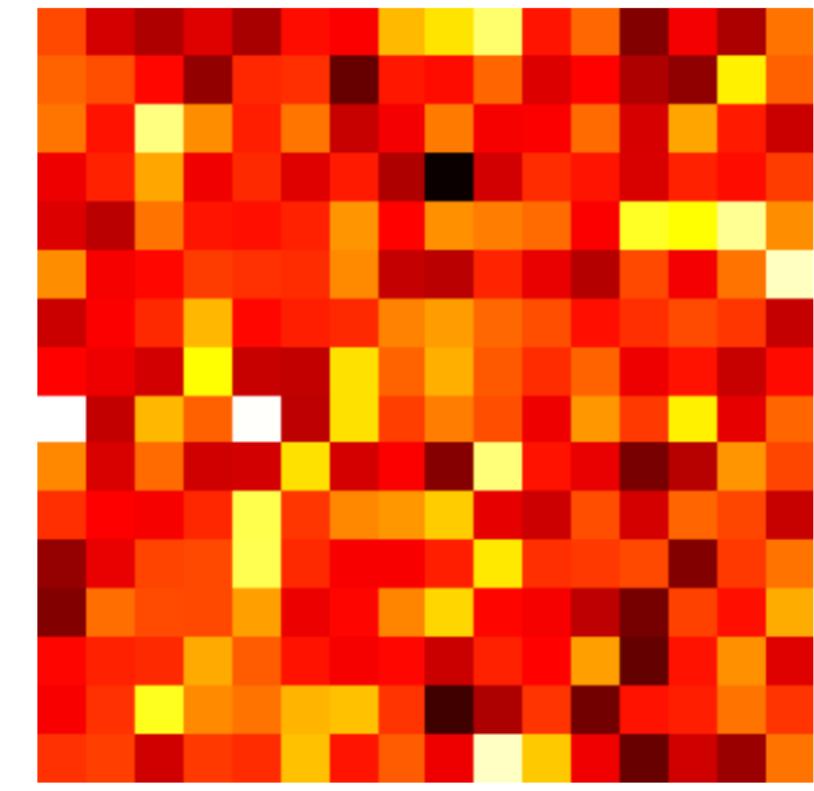


MIP along Z

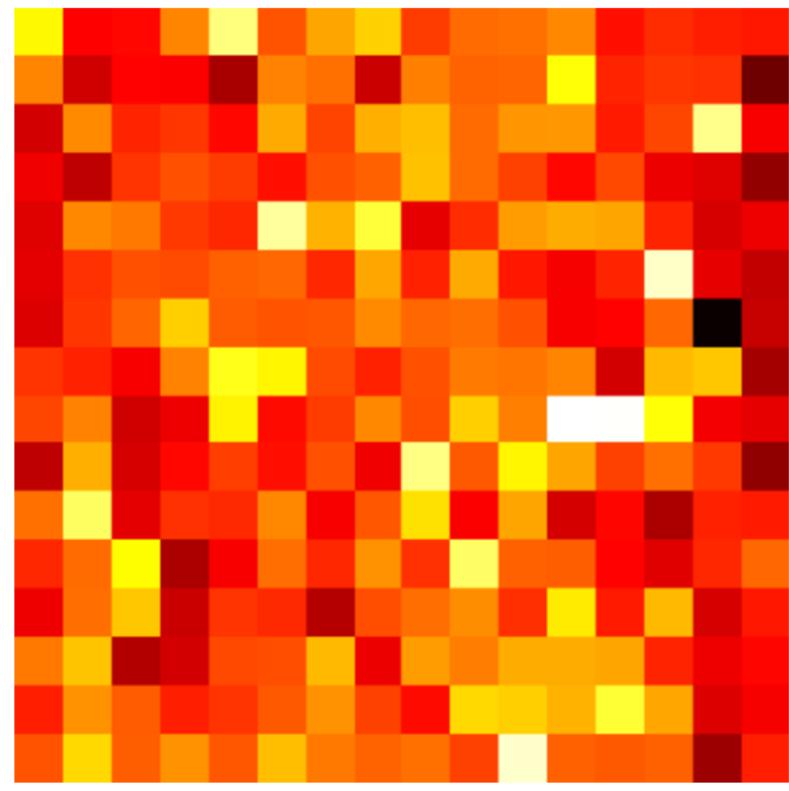


Reconstruction Uncertainty - MIP

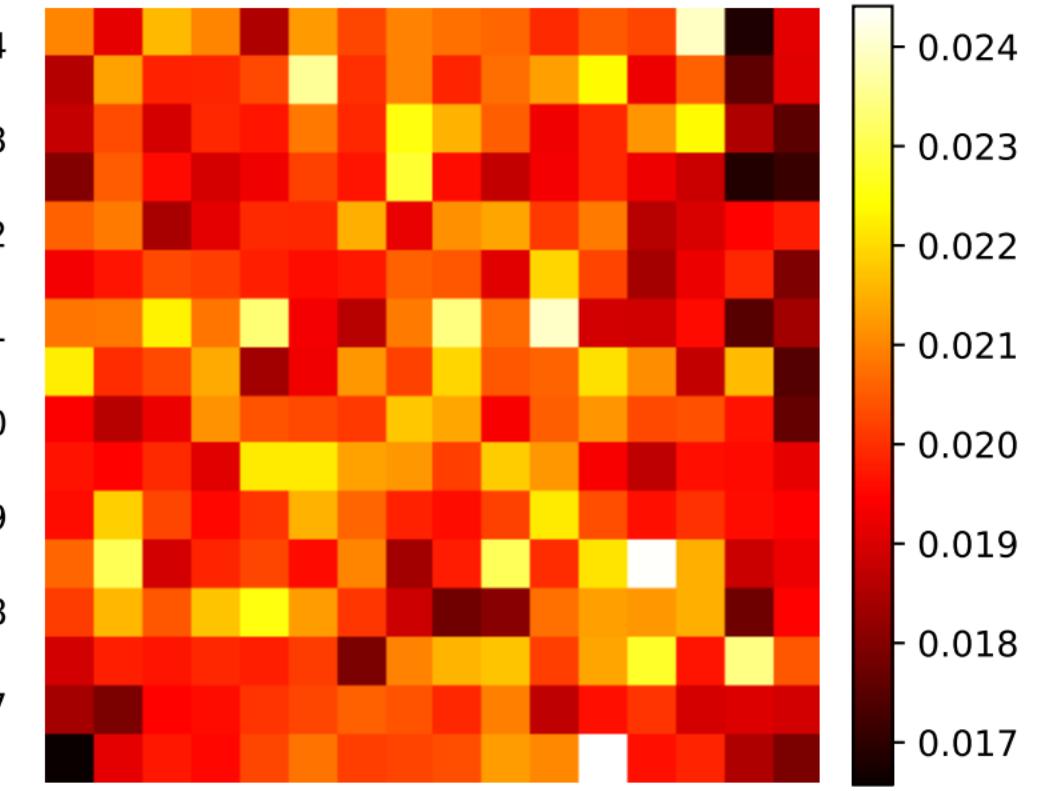
MIP along X



MIP along Y

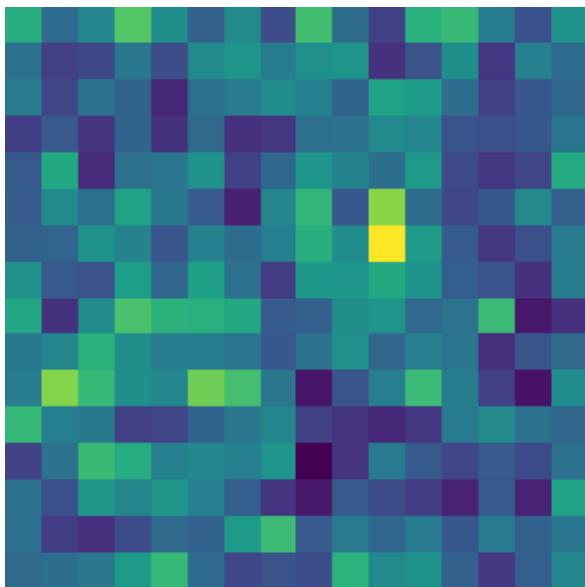


MIP along Z

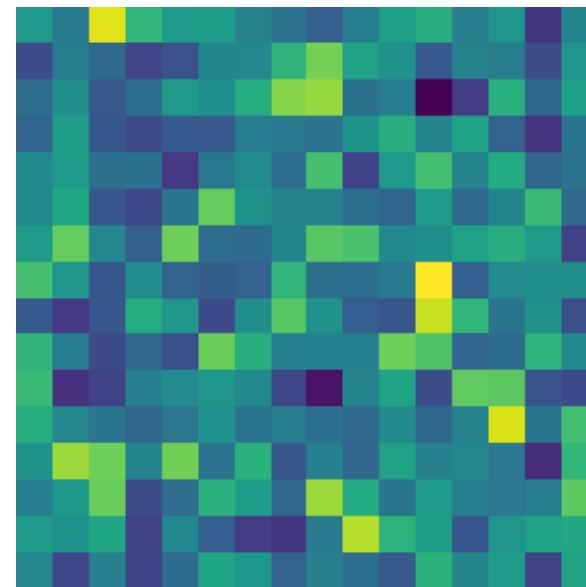


95% Credible Interval Width

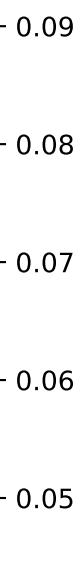
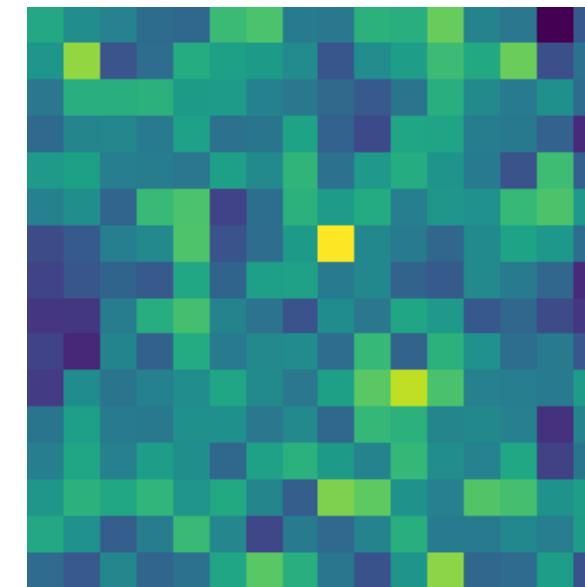
Slice 0



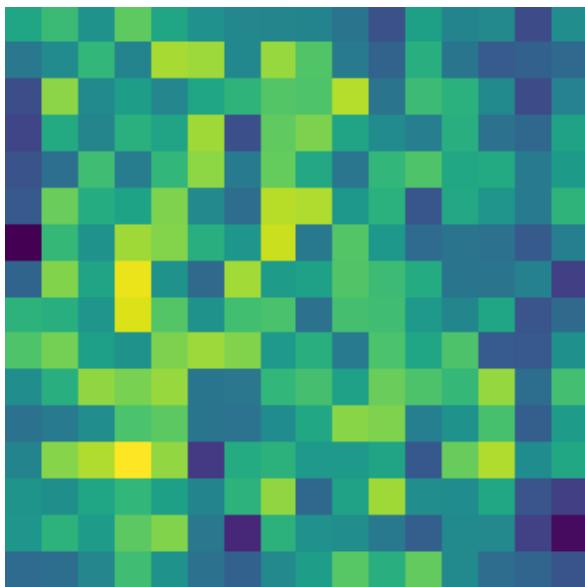
Slice 3



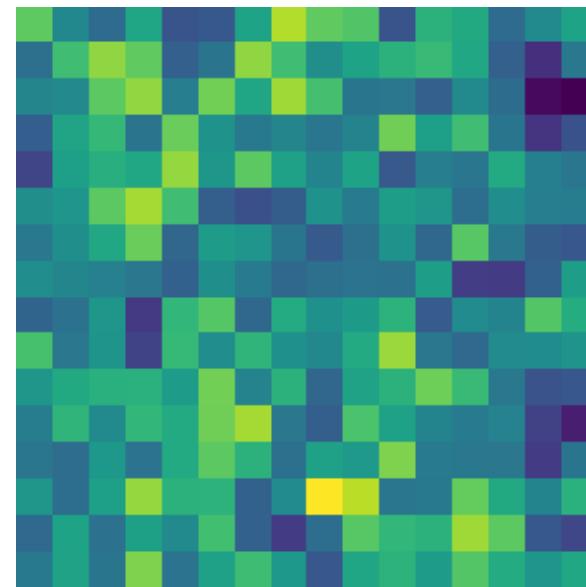
Slice 6



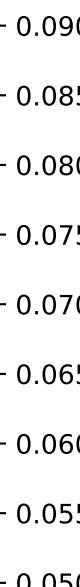
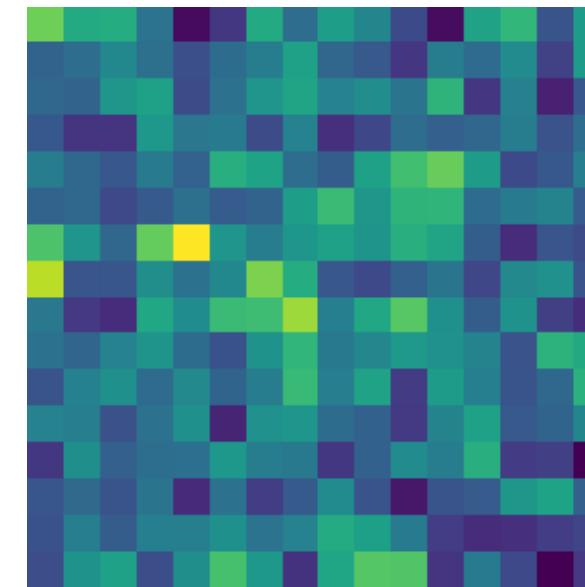
Slice 9



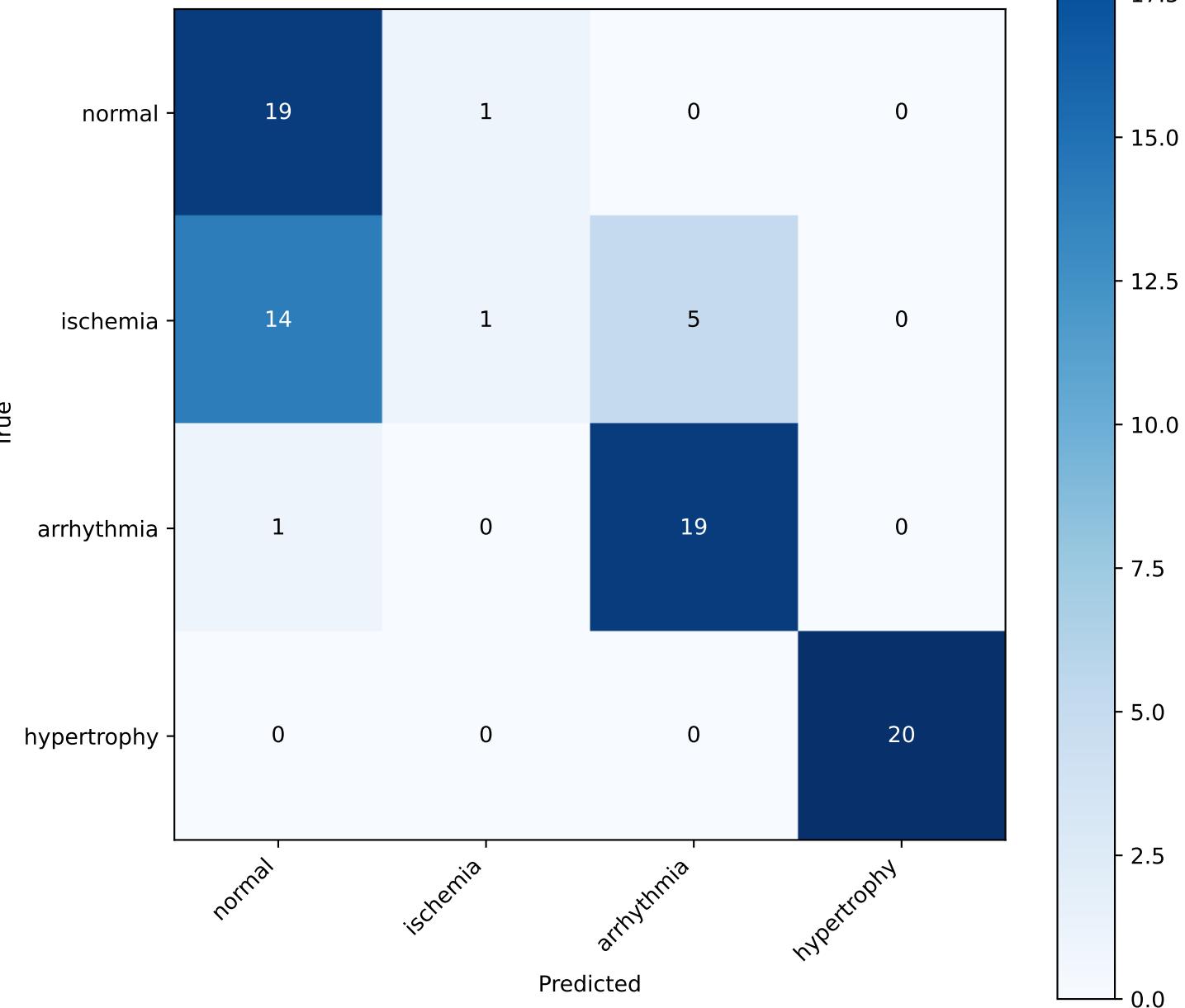
Slice 12



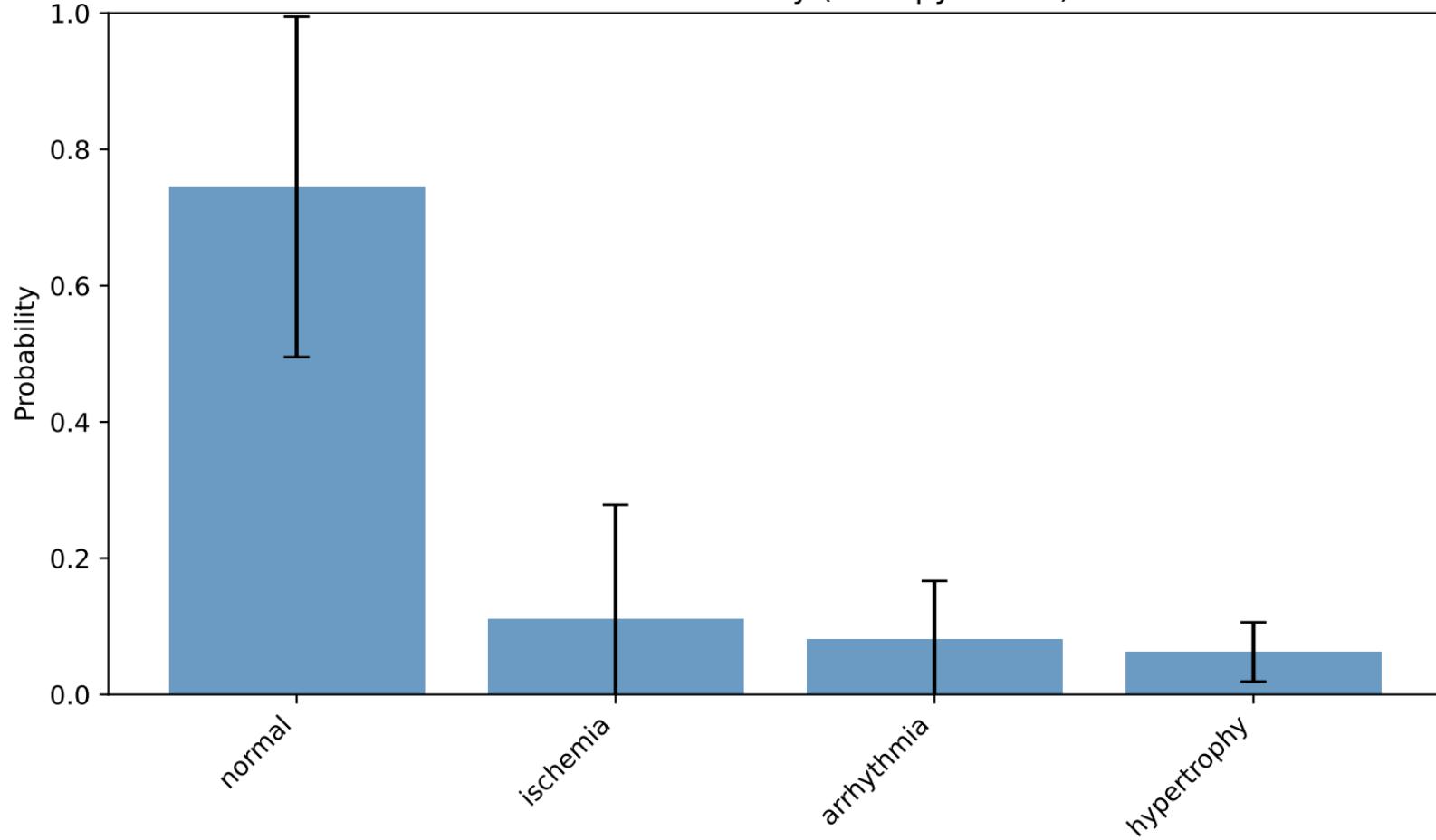
Slice 15



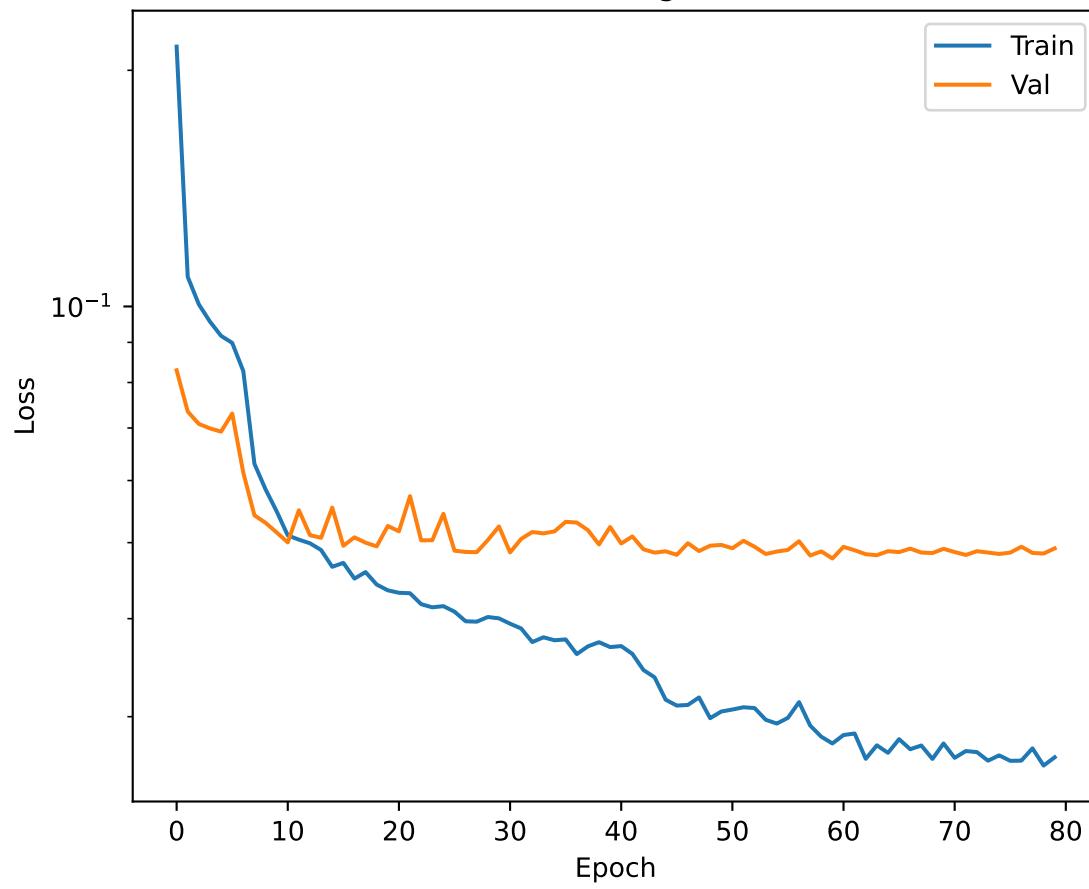
Confusion Matrix



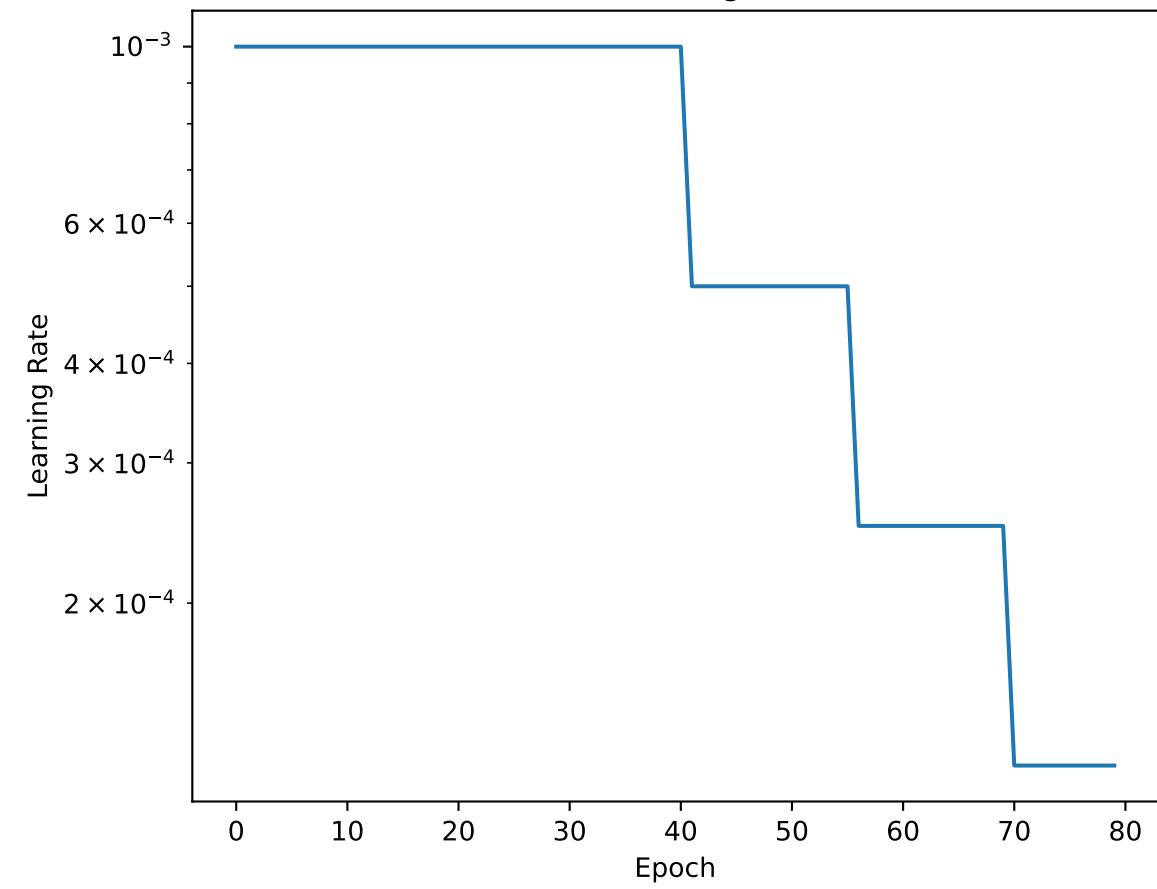
Classifier Uncertainty (Entropy: 0.841)



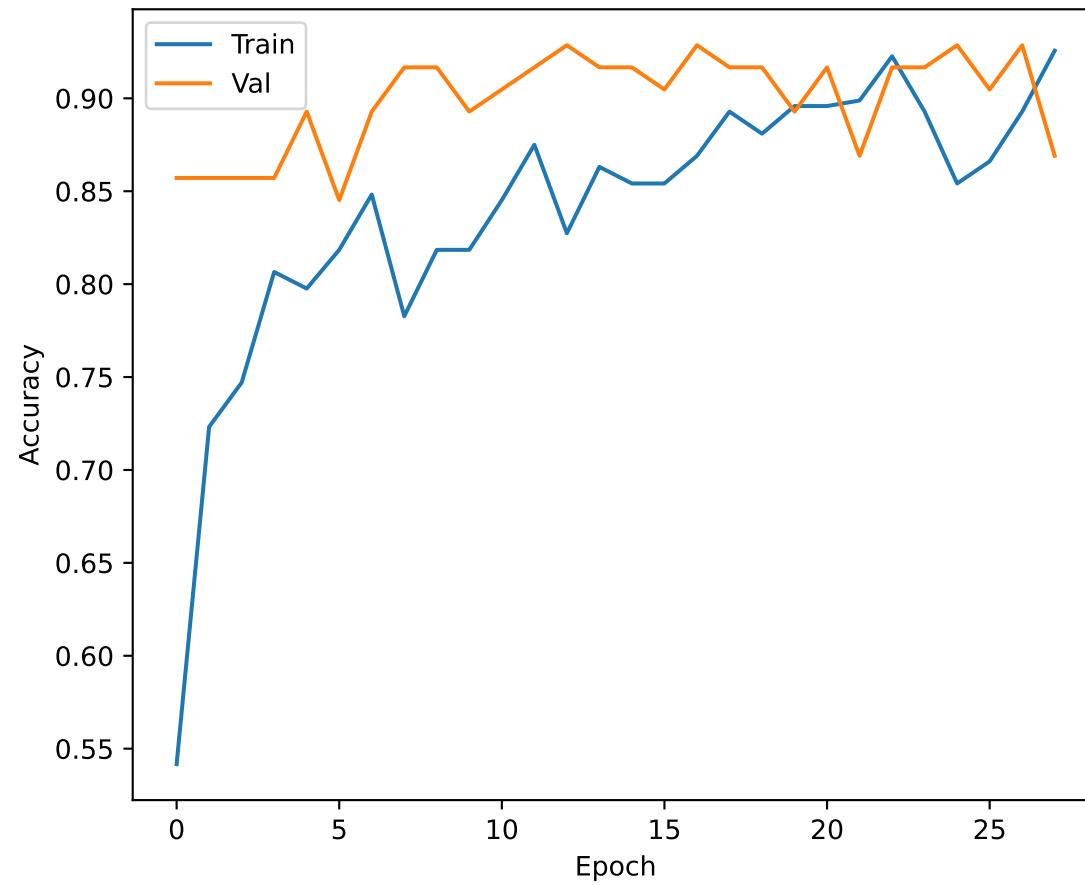
FNO Training Loss



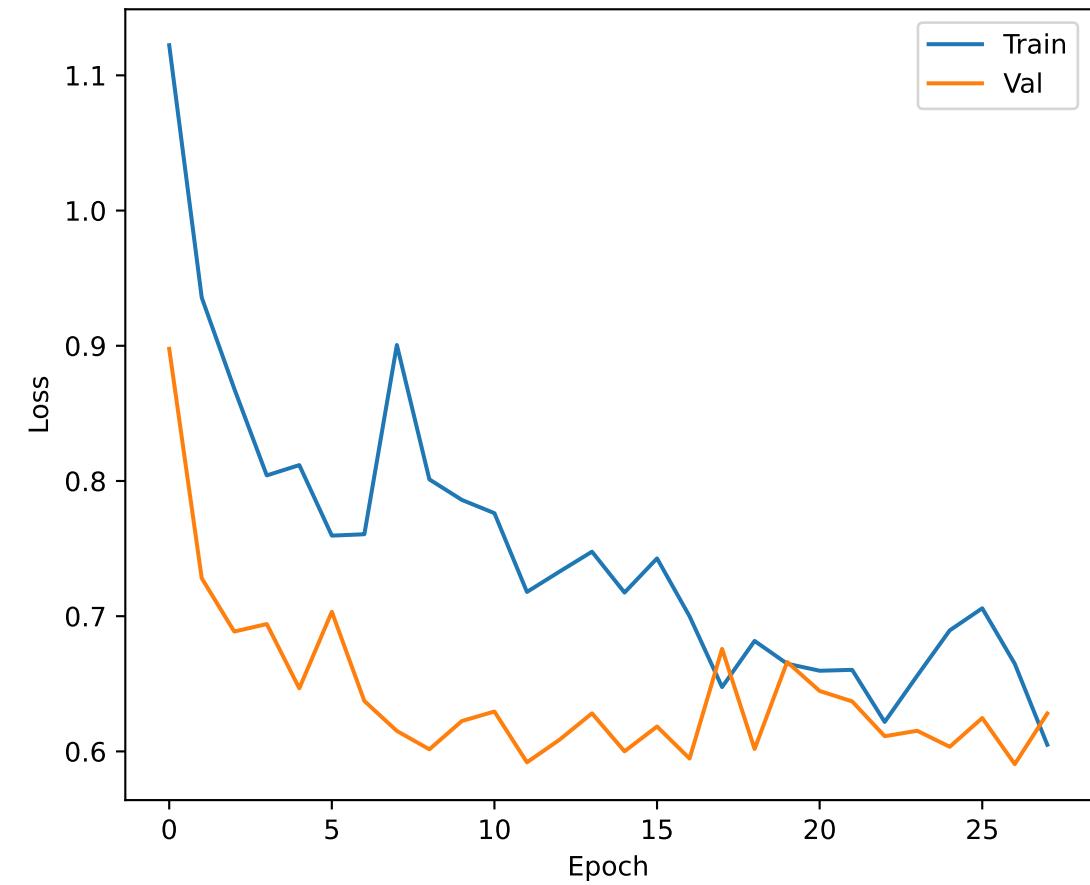
FNO Learning Rate



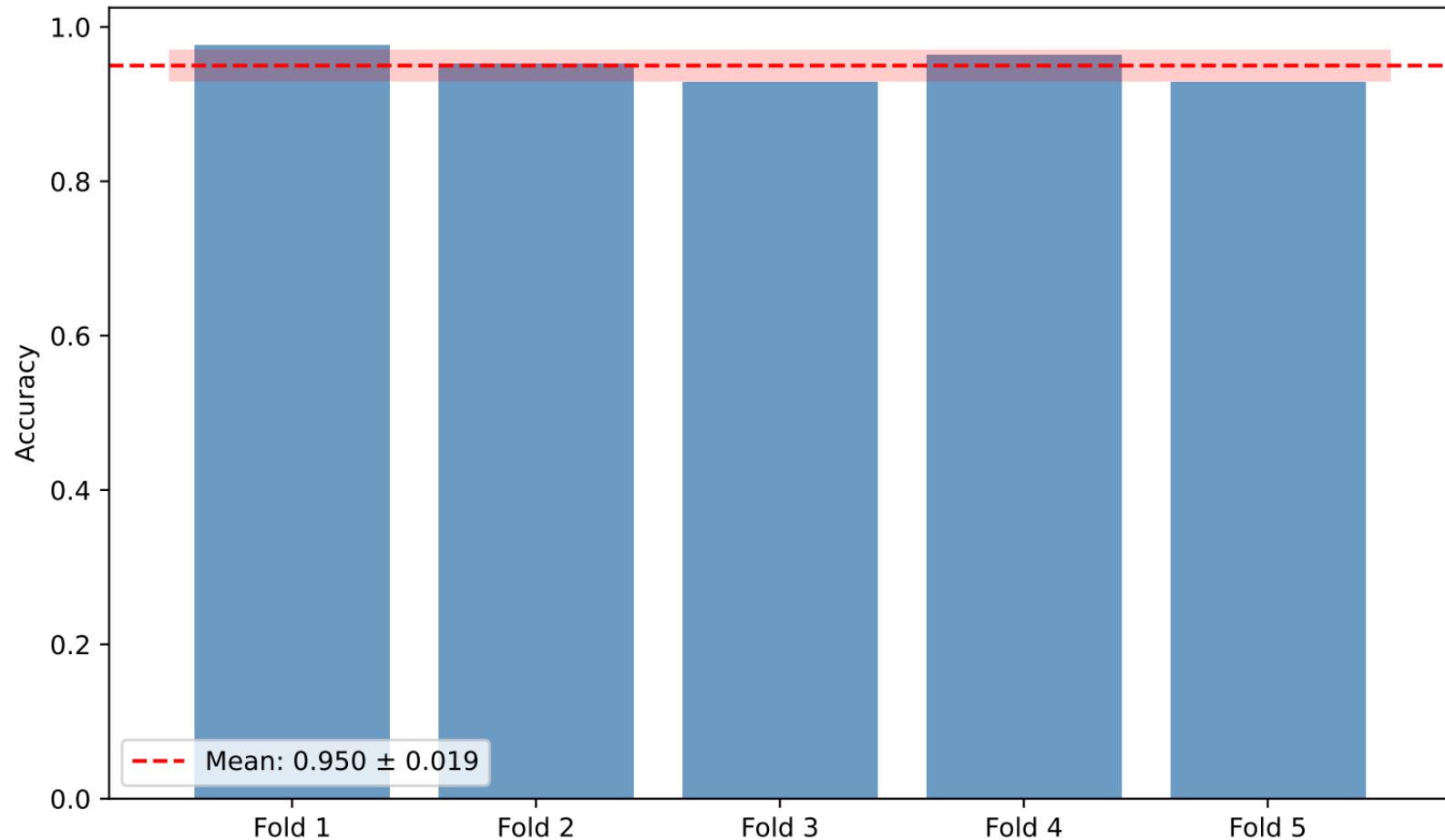
Classifier Accuracy



Classifier Loss



Cross-Validation Results



CLASSIFICATION RESULTS SUMMARY

Overall Accuracy: 0.7375
Macro F1 Score: 0.6646
Cross-Validation: 0.9500 ± 0.0190

Per-Class Performance:

normal:
 Precision: 0.5588
 Recall: 0.9500
 F1: 0.7037
ischemia:
 Precision: 0.5000
 Recall: 0.0500
 F1: 0.0909
arrhythmia:
 Precision: 0.7917
 Recall: 0.9500
 F1: 0.8636
hypertrophy:
 Precision: 1.0000
 Recall: 1.0000
 F1: 1.0000