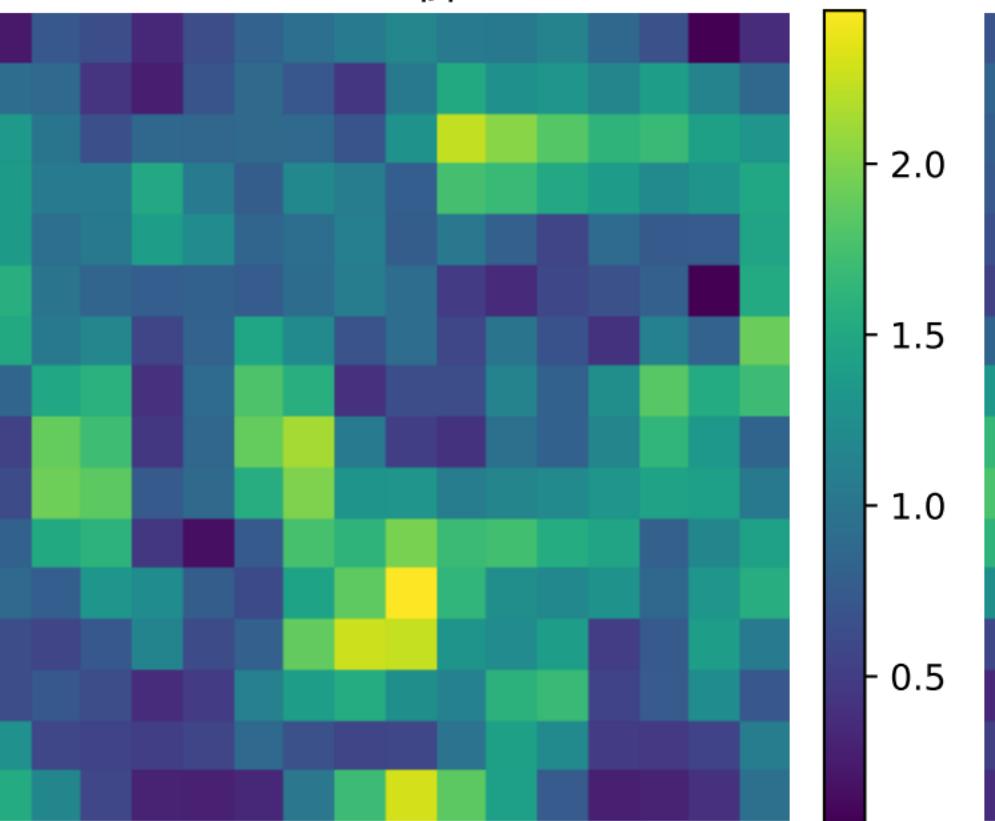
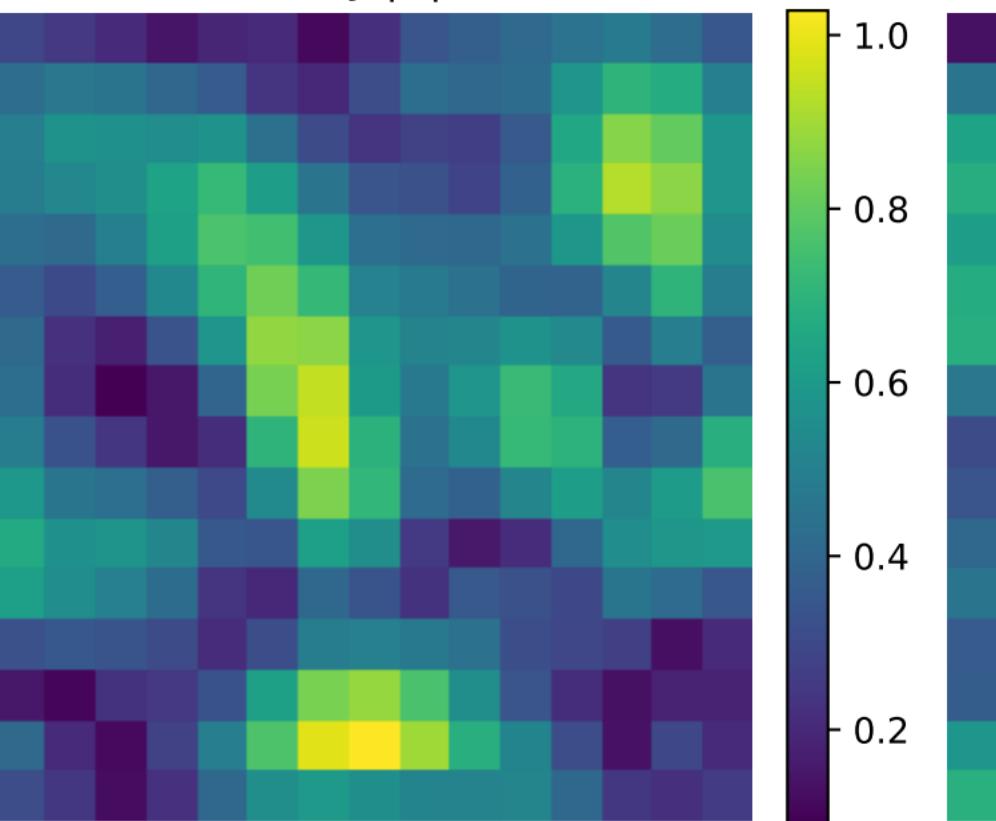
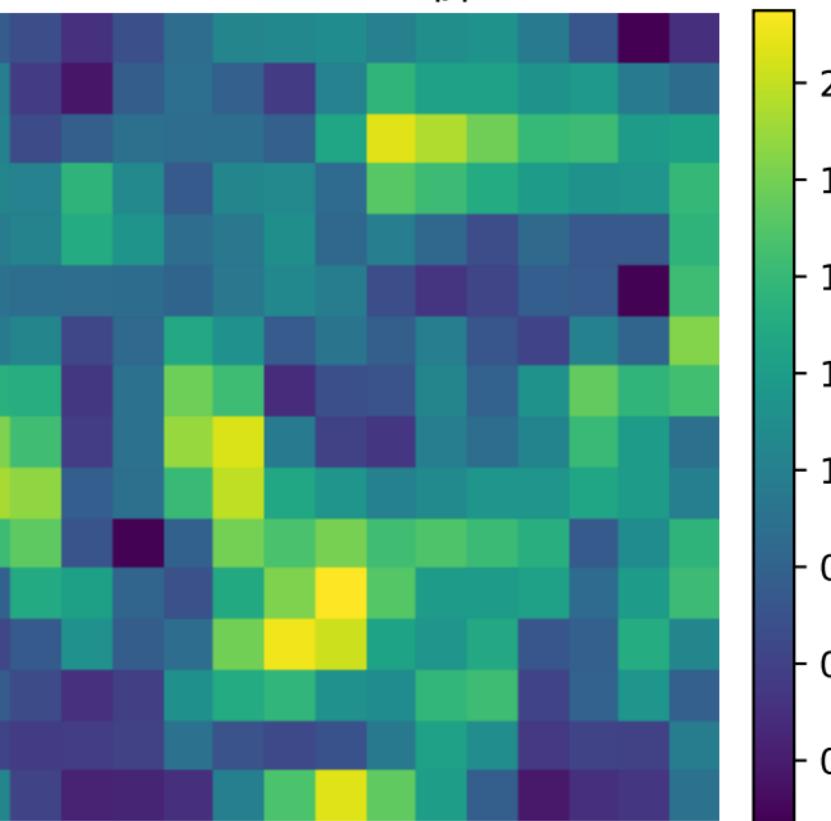
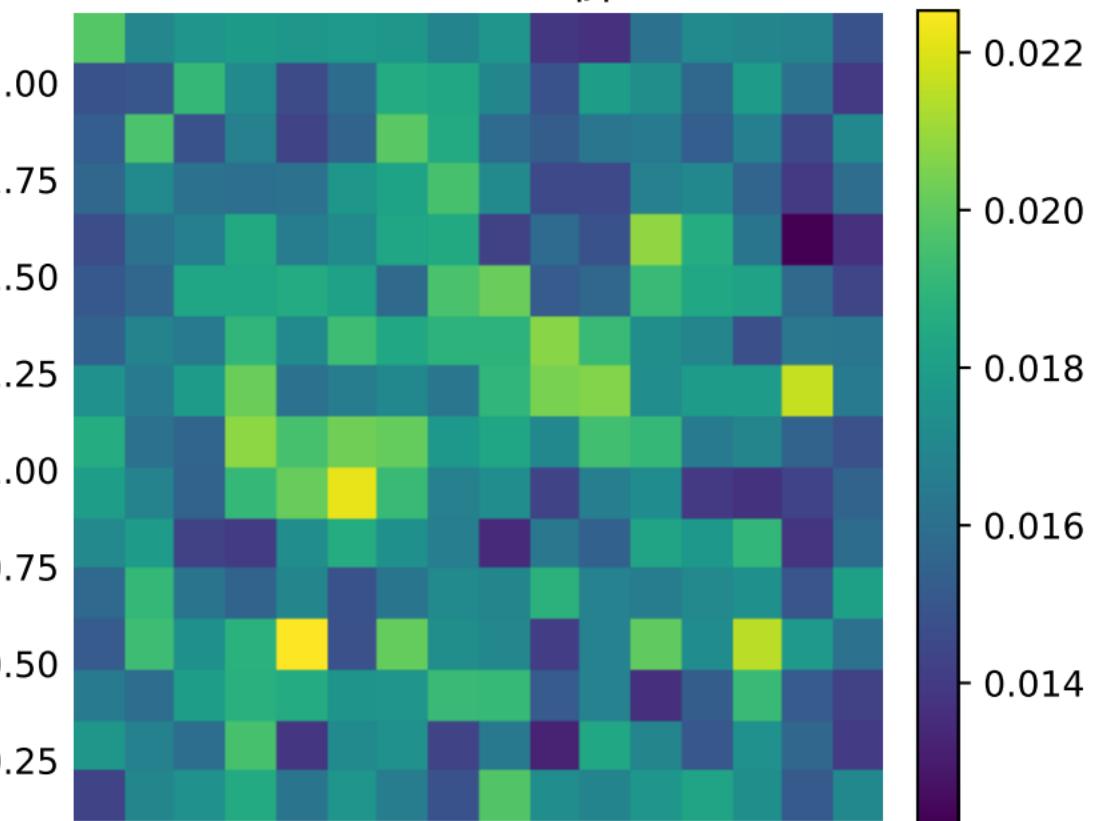
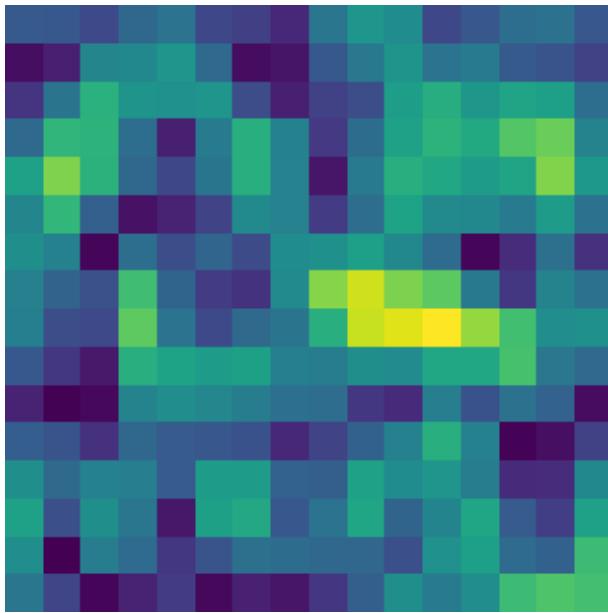


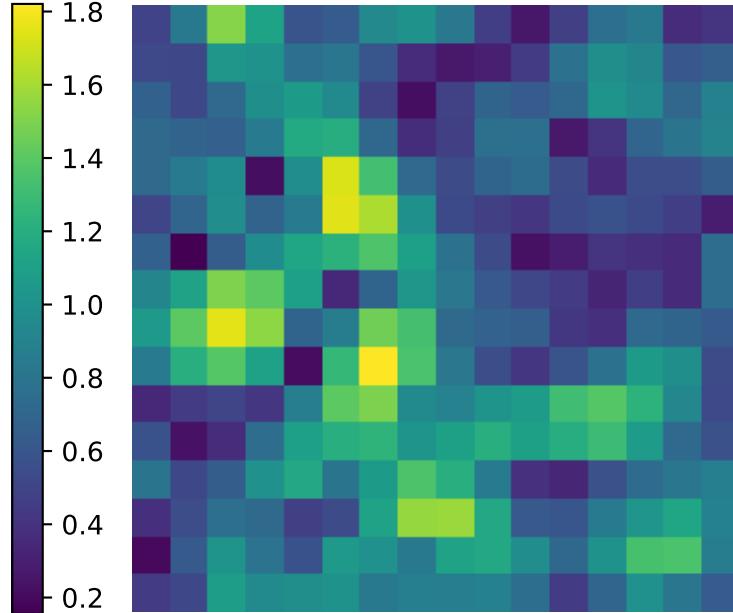
True  $|J|$ Noisy  $|B|$ Recon Mean  $|J|$ Recon Std  $|J|$ 

True  $|J|$  - Axial Slices

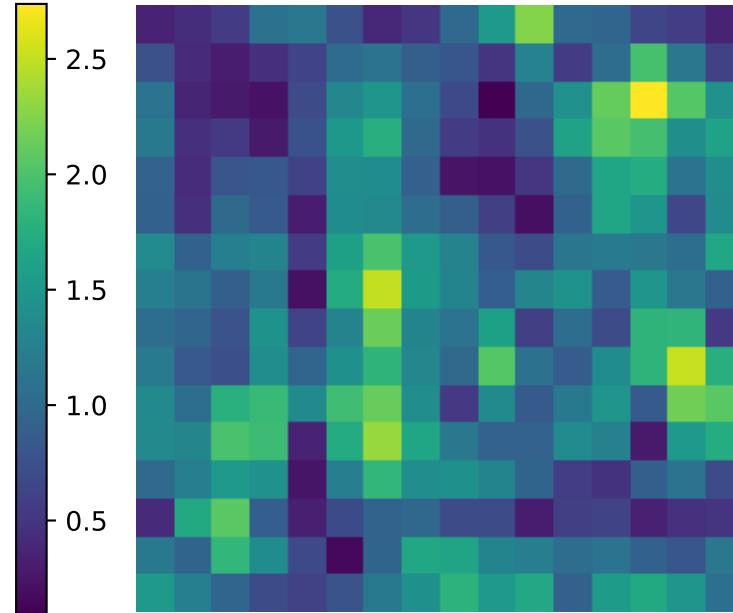
Slice 0



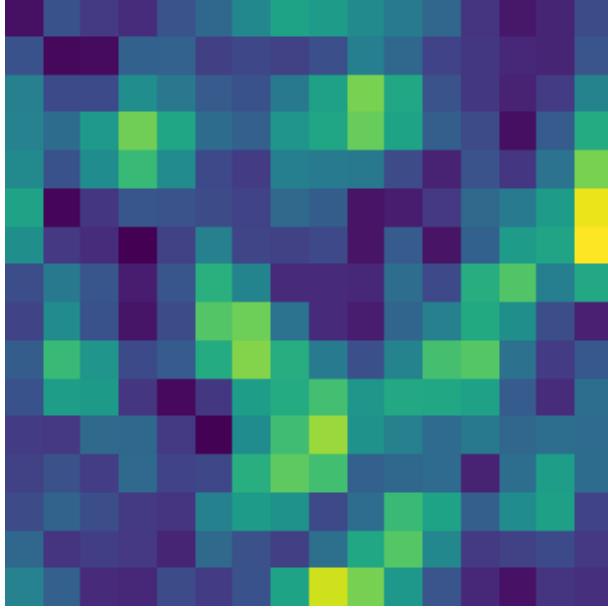
Slice 3



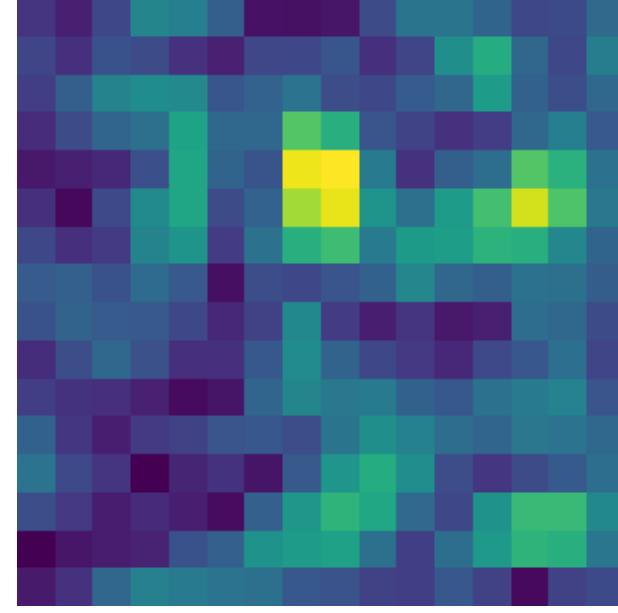
Slice 6



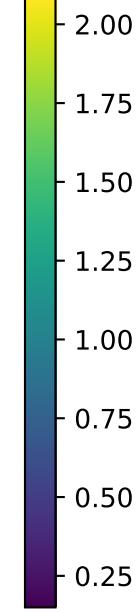
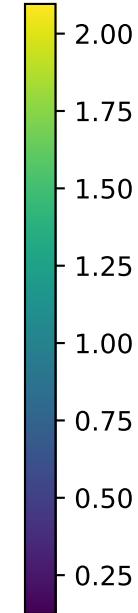
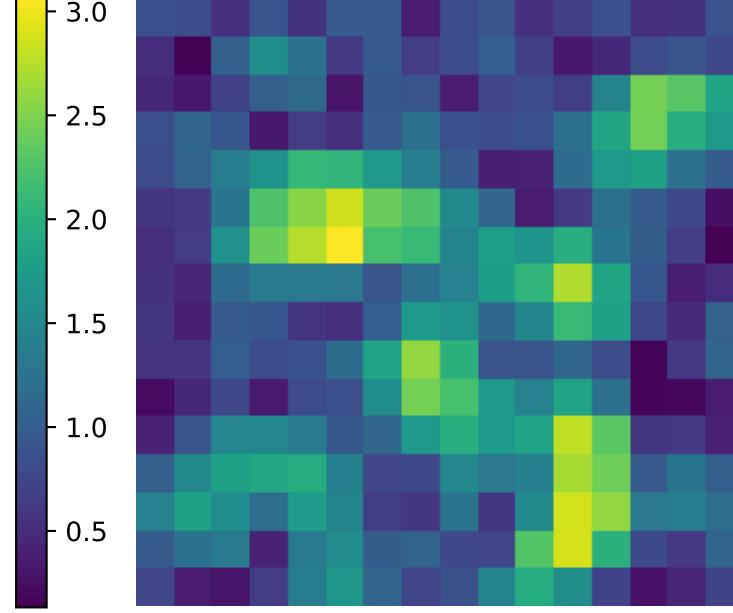
Slice 9



Slice 12

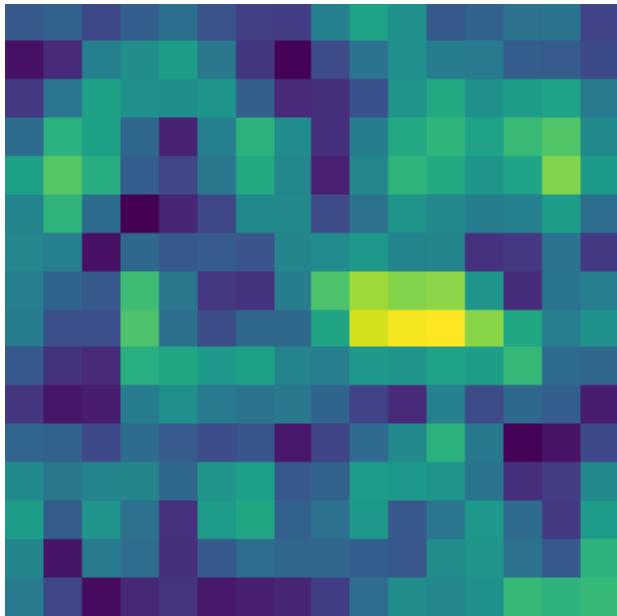


Slice 15

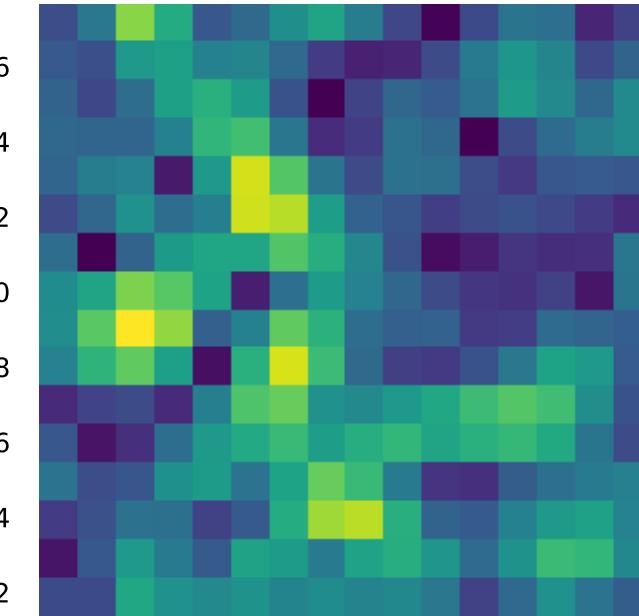


# Reconstructed Mean $|J|$ - Axial Slices

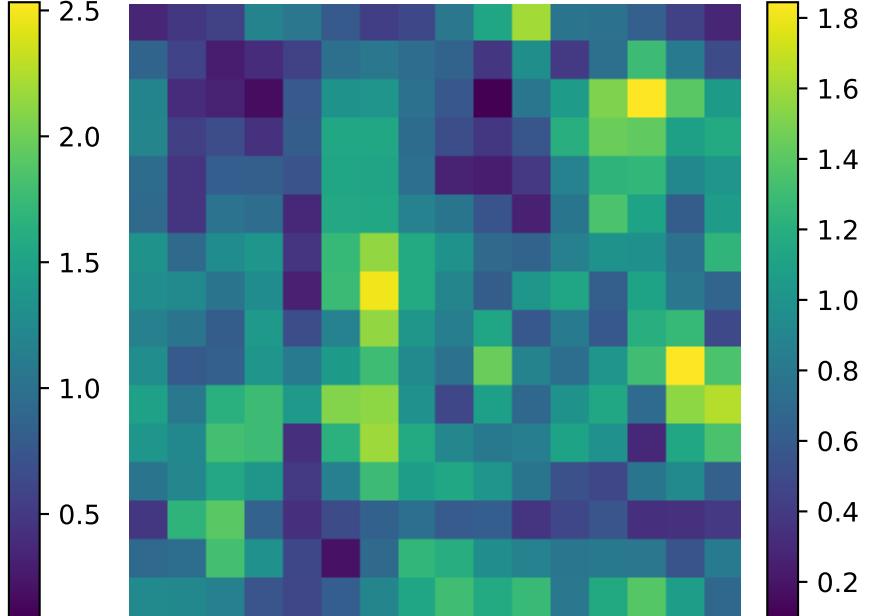
Slice 0



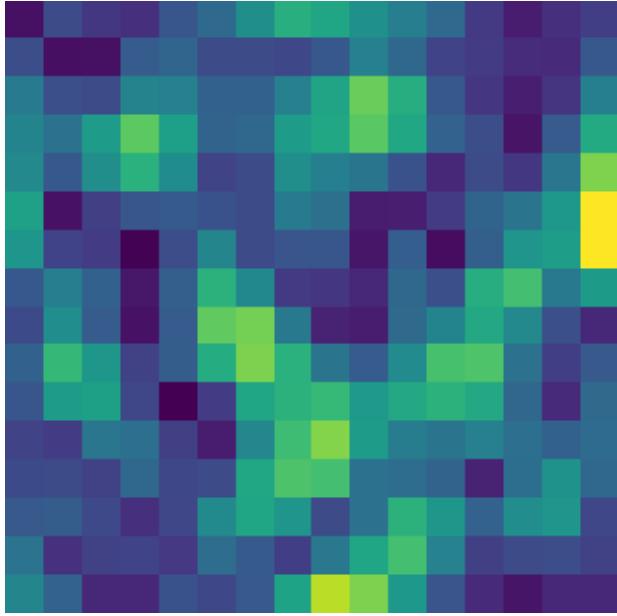
Slice 3



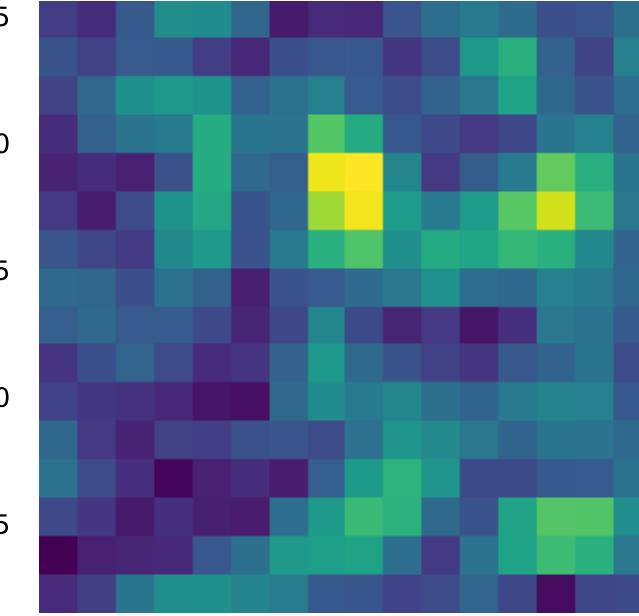
Slice 6



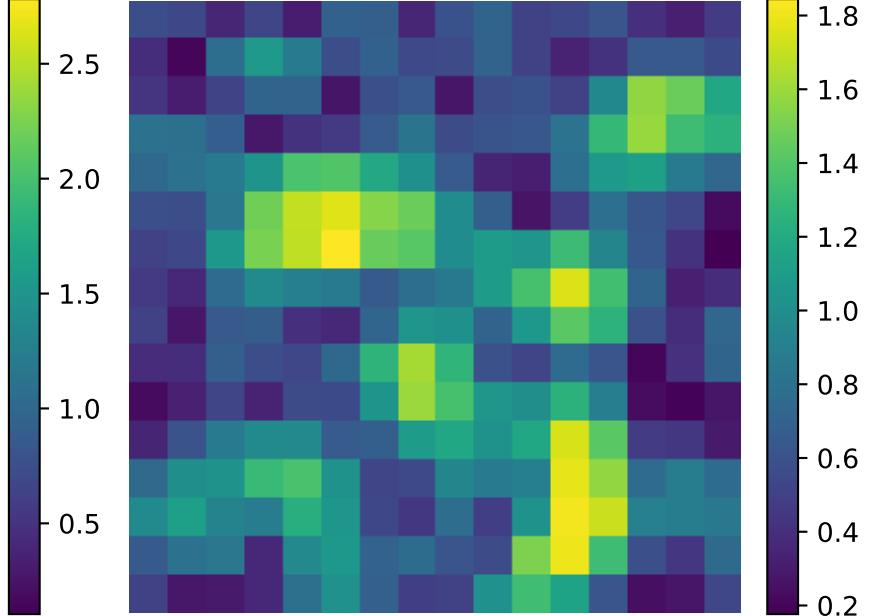
Slice 9



Slice 12

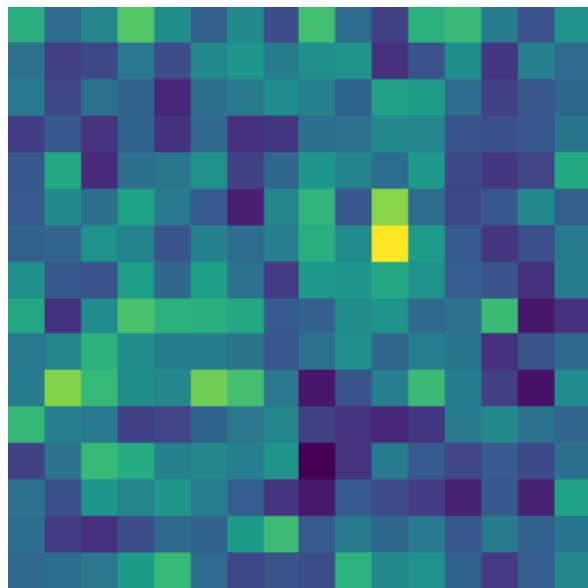


Slice 15

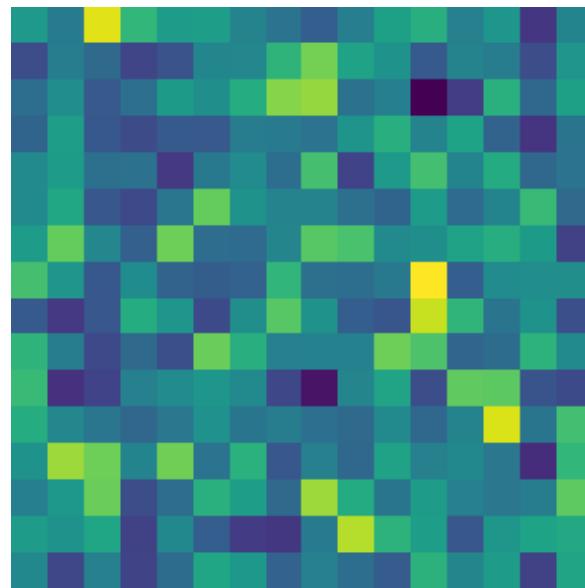


## Reconstruction Uncertainty - Axial Slices

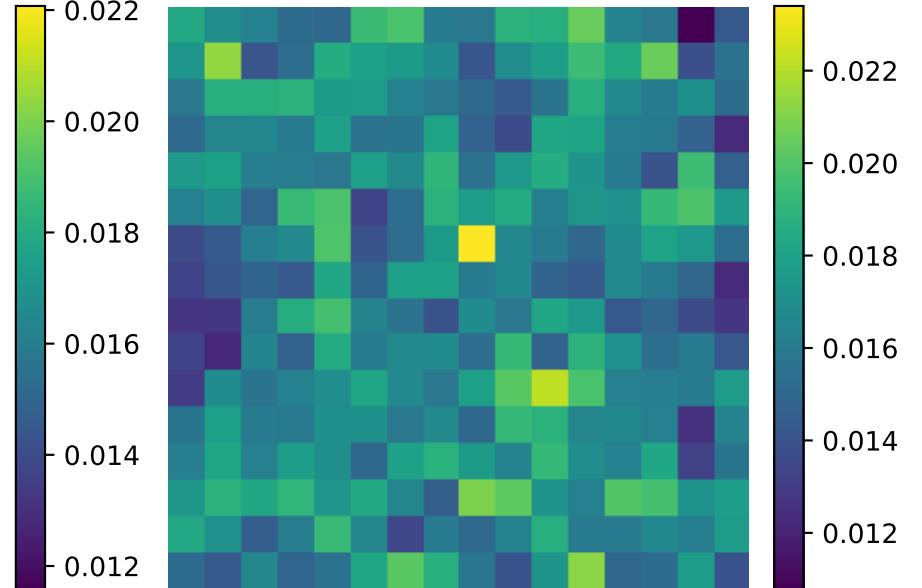
Slice 0



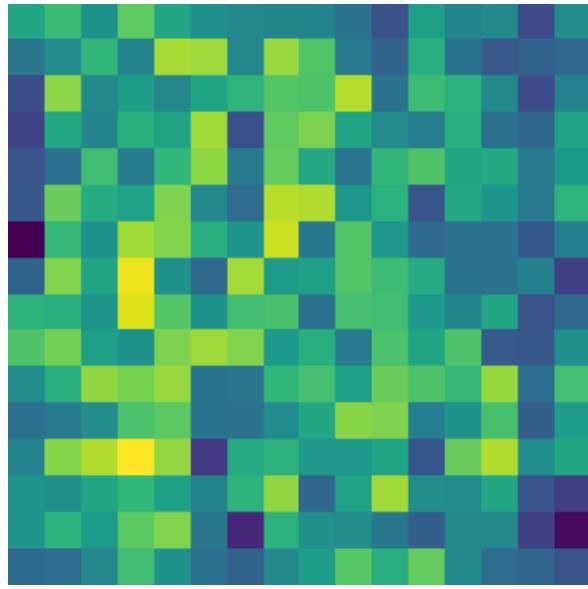
Slice 3



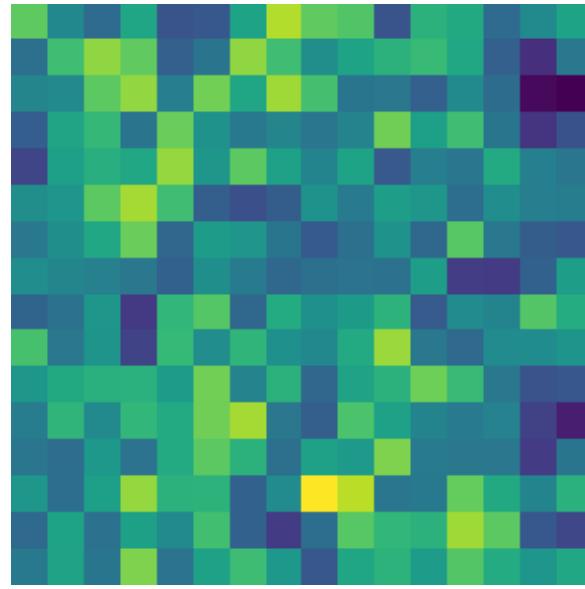
Slice 6



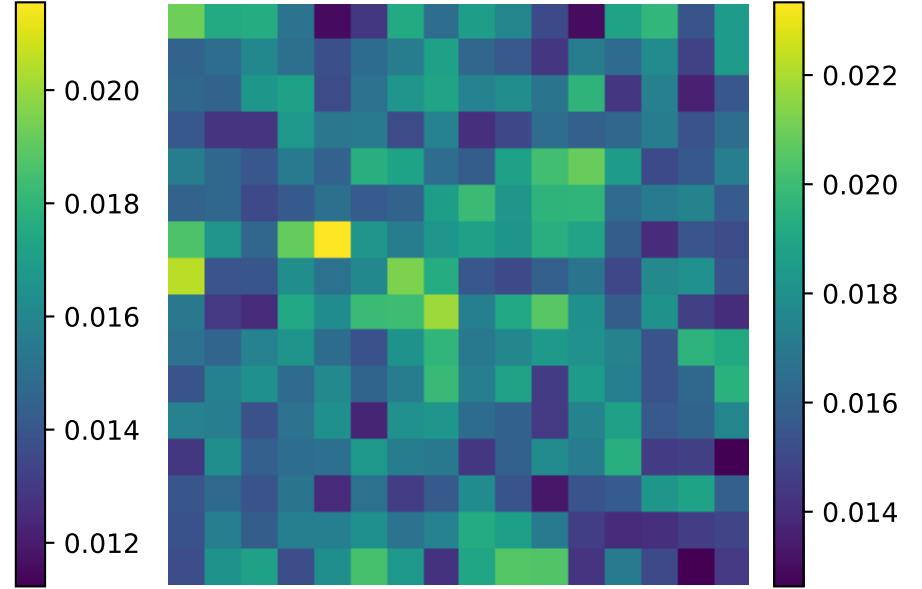
Slice 9



Slice 12

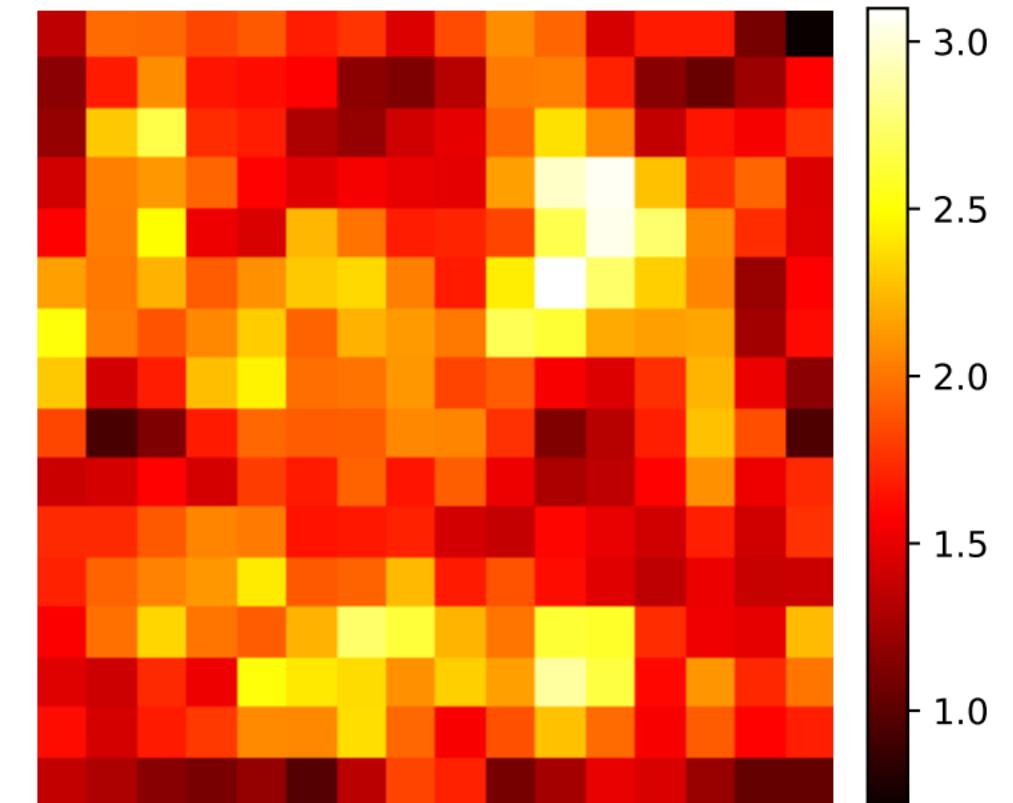


Slice 15

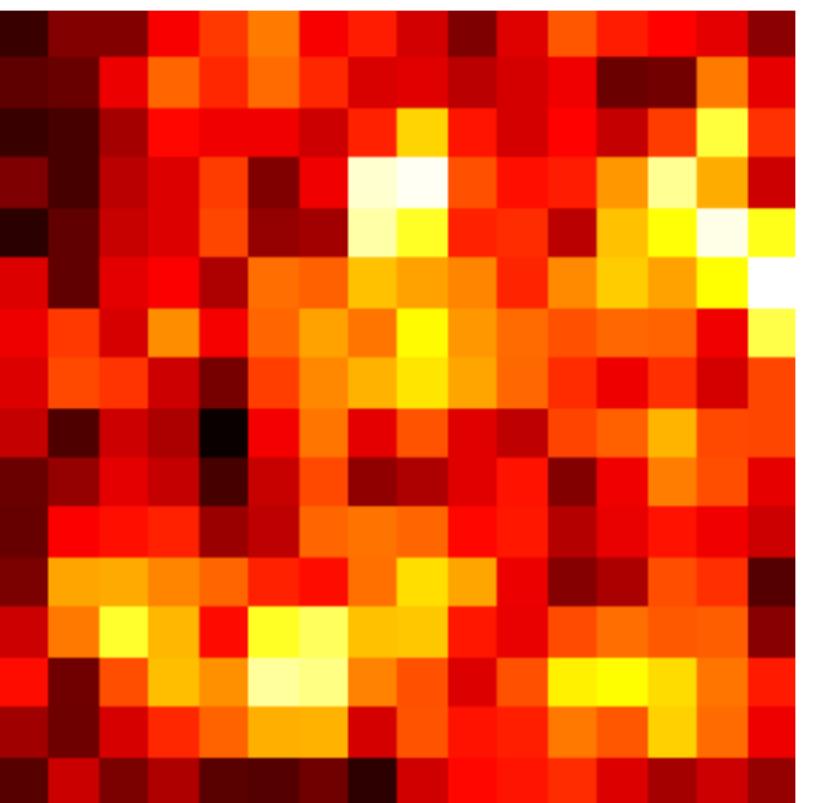


True  $|J|$  - MIP

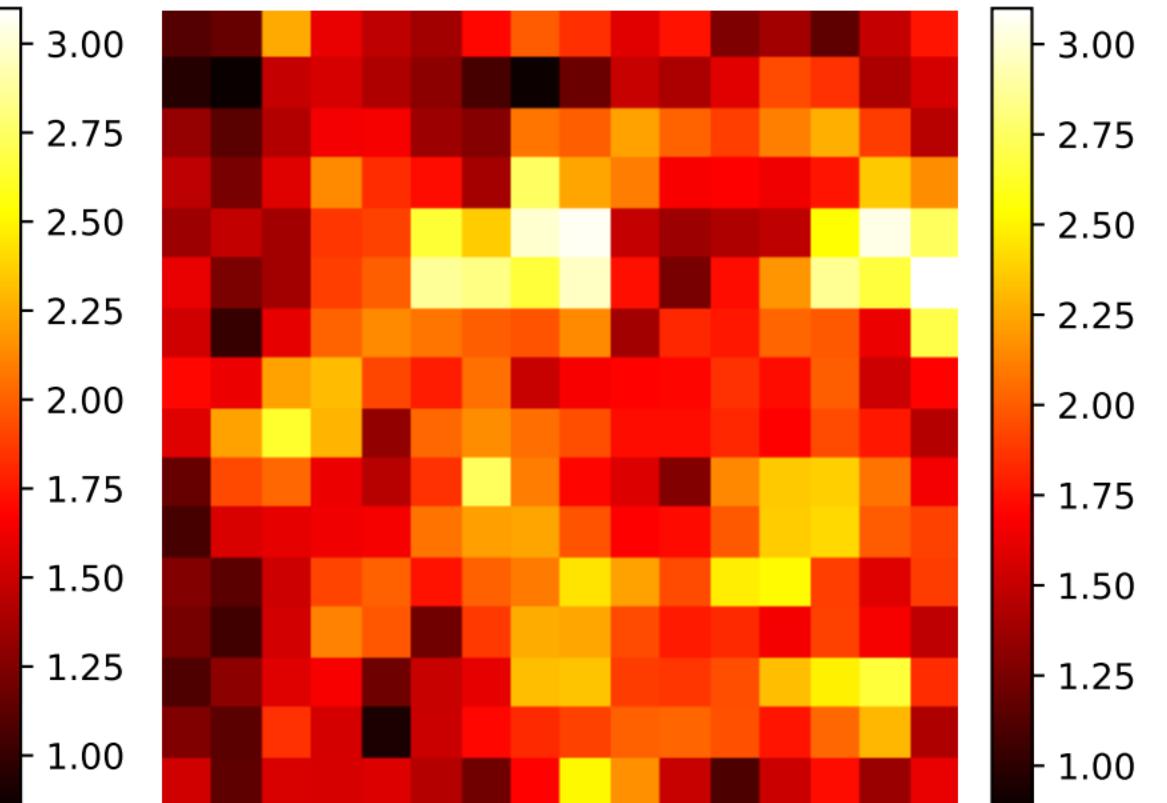
MIP along X



MIP along Y

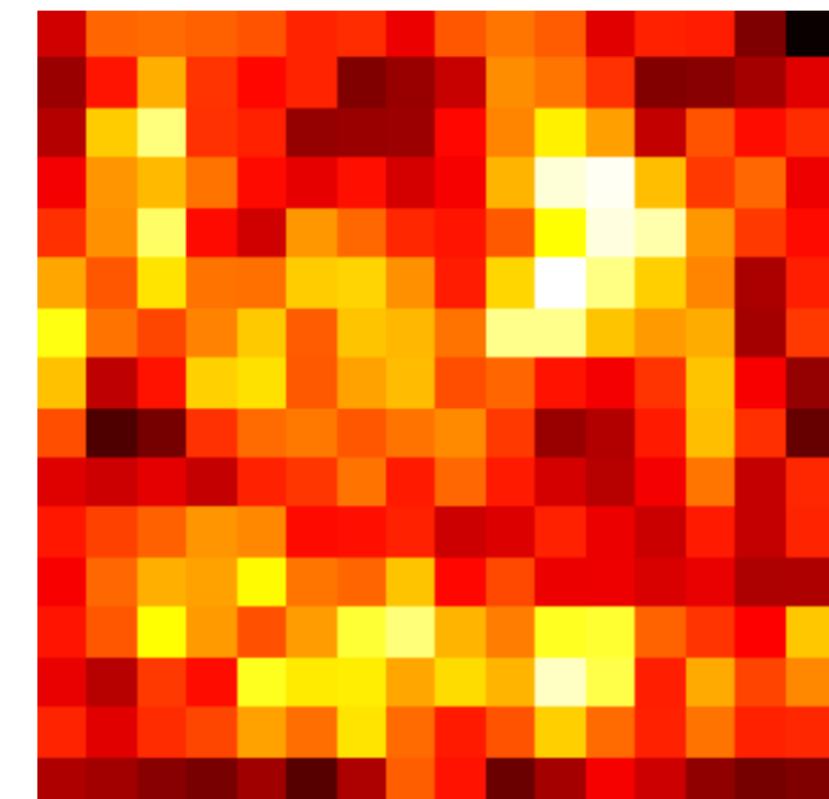


MIP along Z

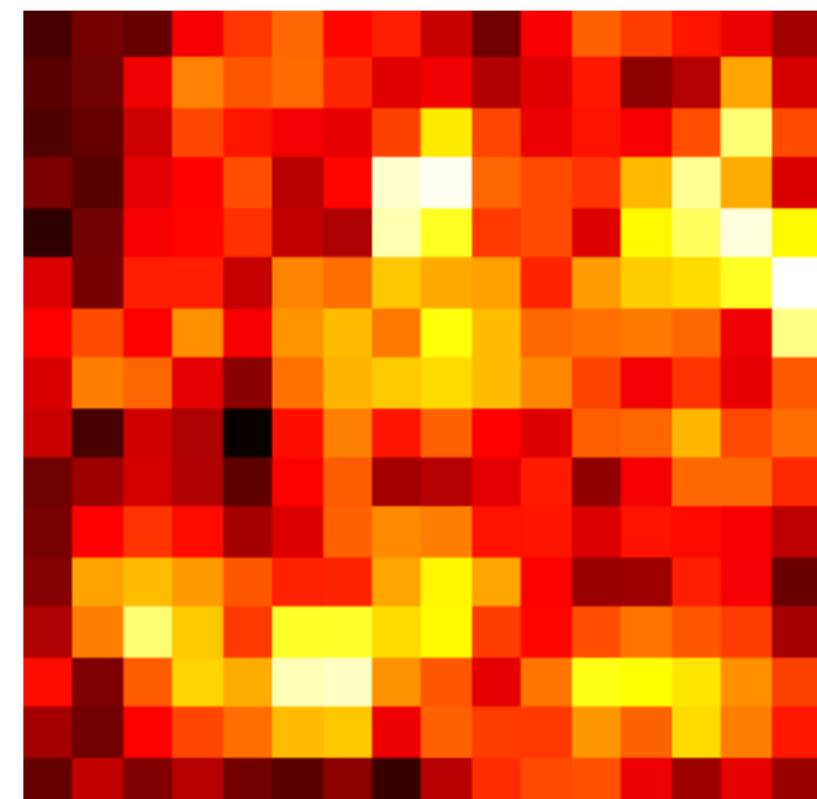


Reconstructed Mean  $|J|$  - MIP

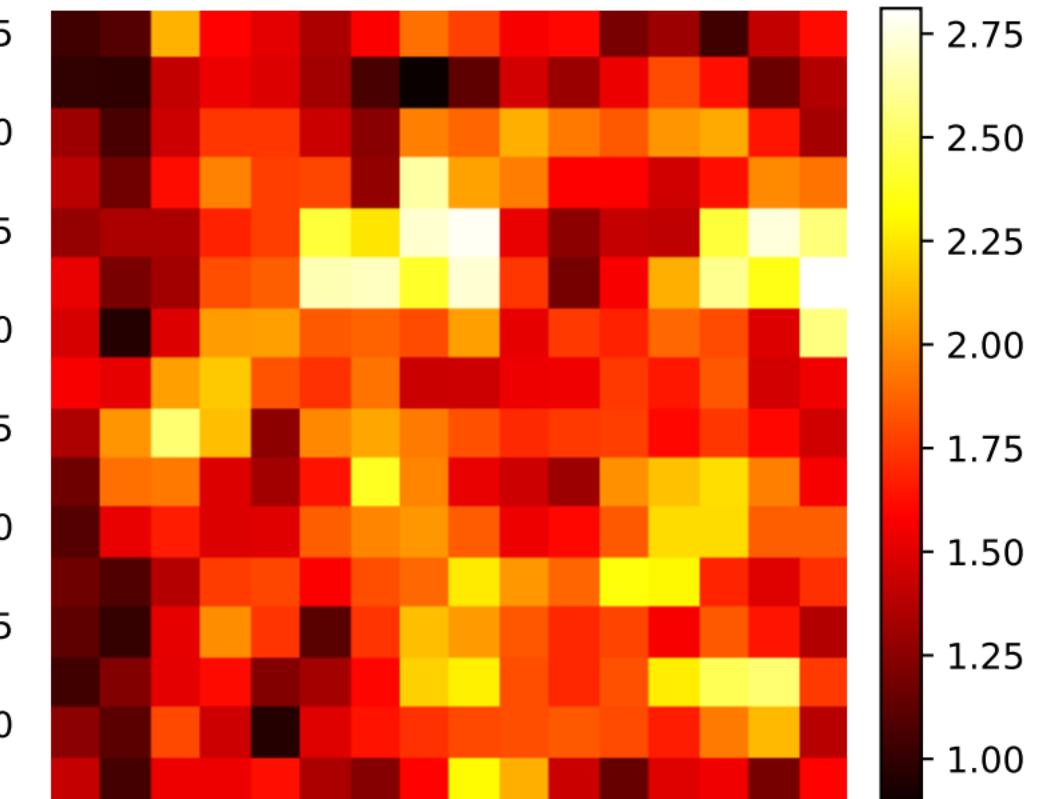
MIP along X



MIP along Y

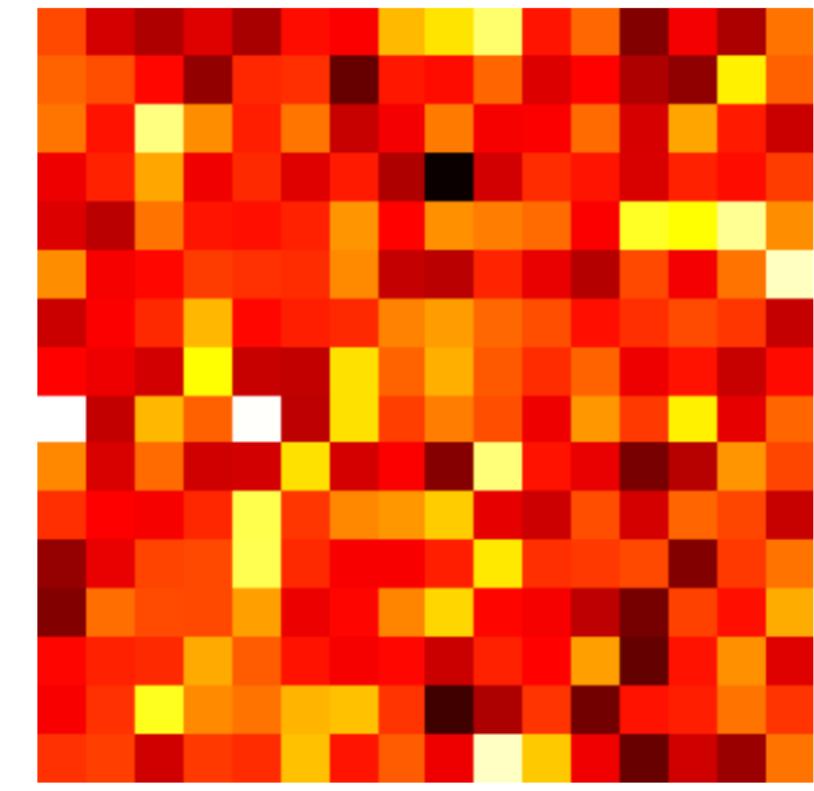


MIP along Z

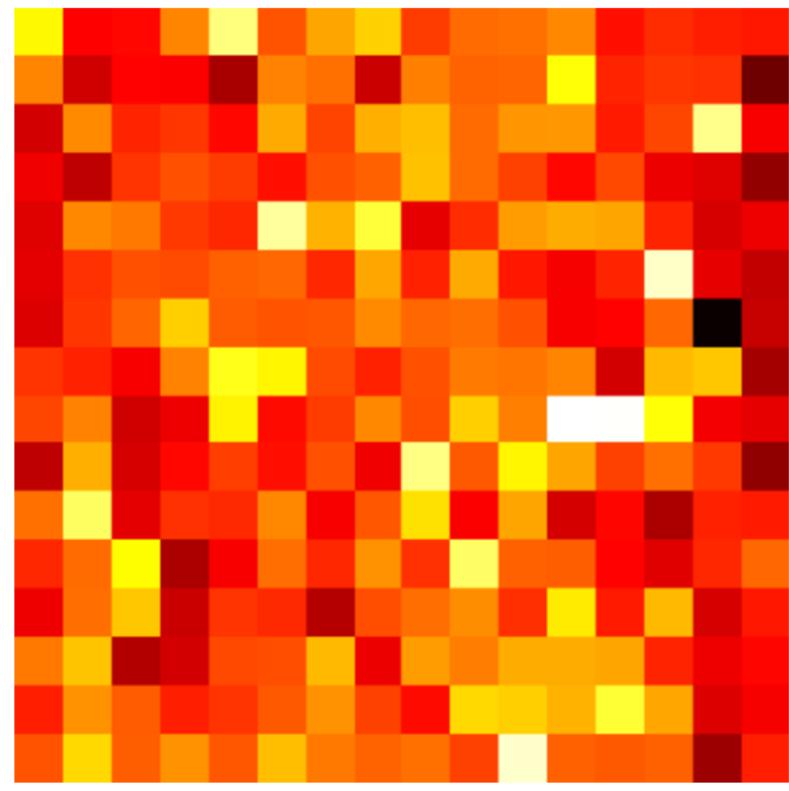


# Reconstruction Uncertainty - MIP

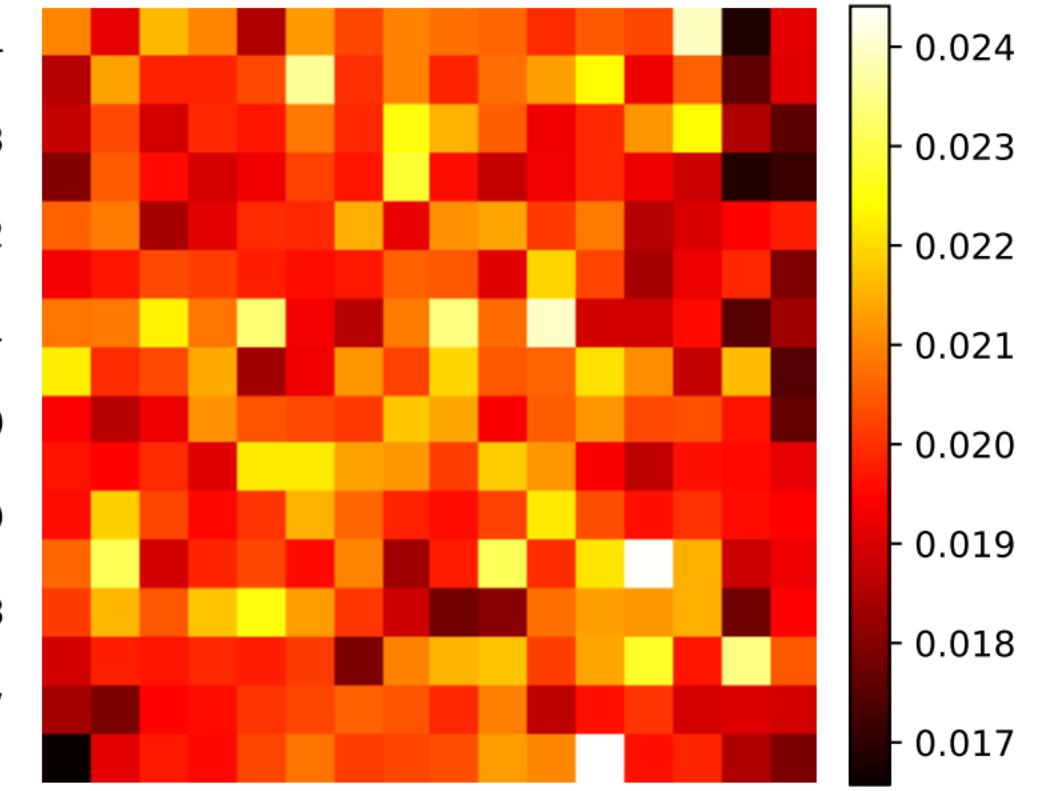
MIP along X



MIP along Y

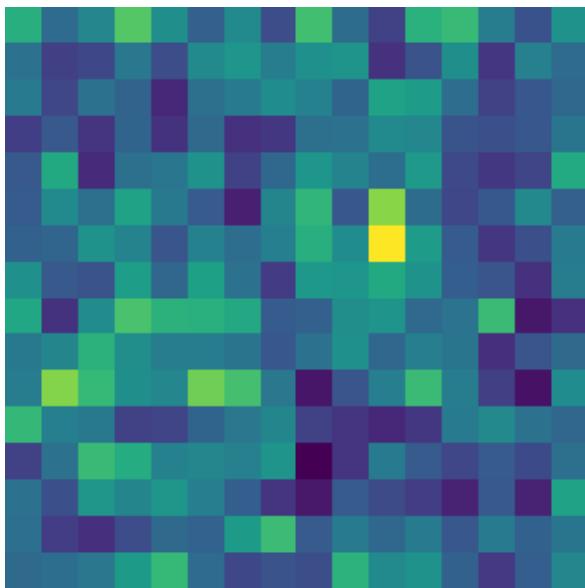


MIP along Z

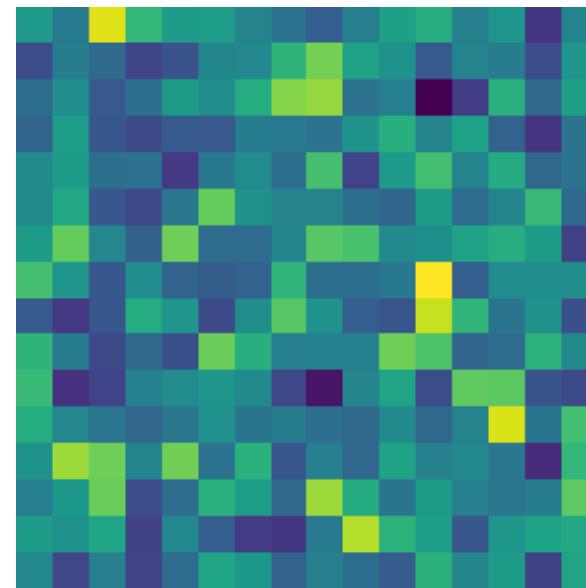


# 95% Credible Interval Width

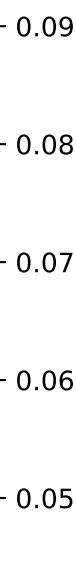
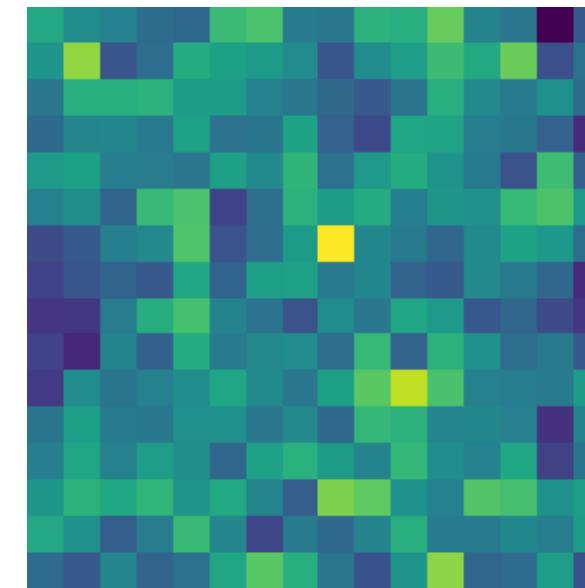
Slice 0



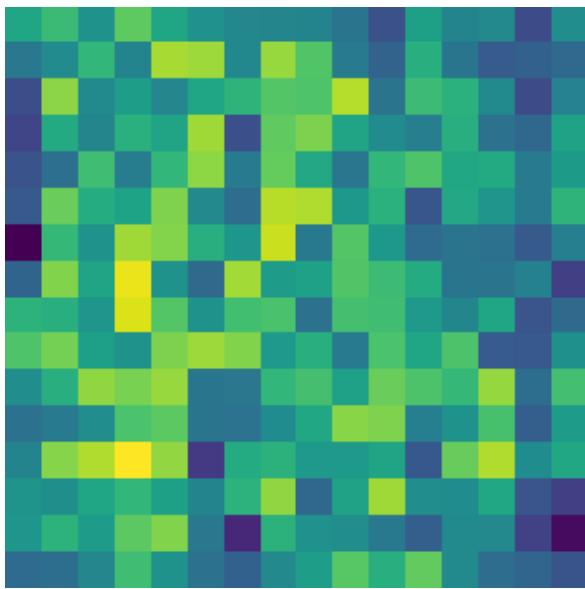
Slice 3



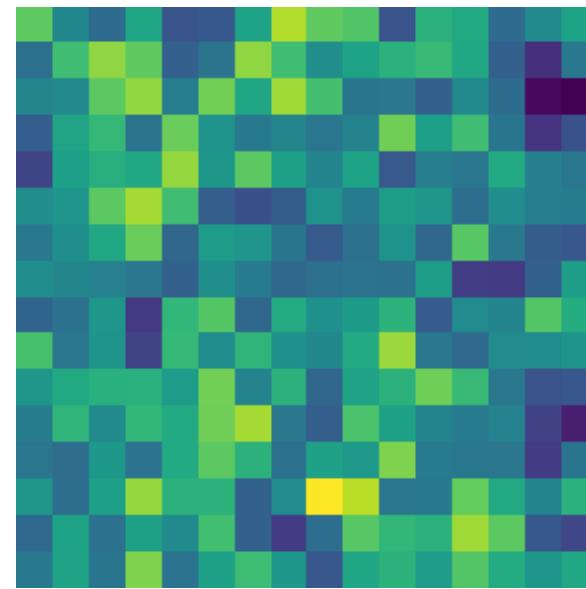
Slice 6



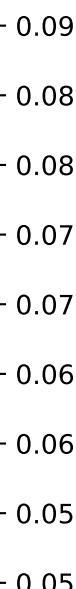
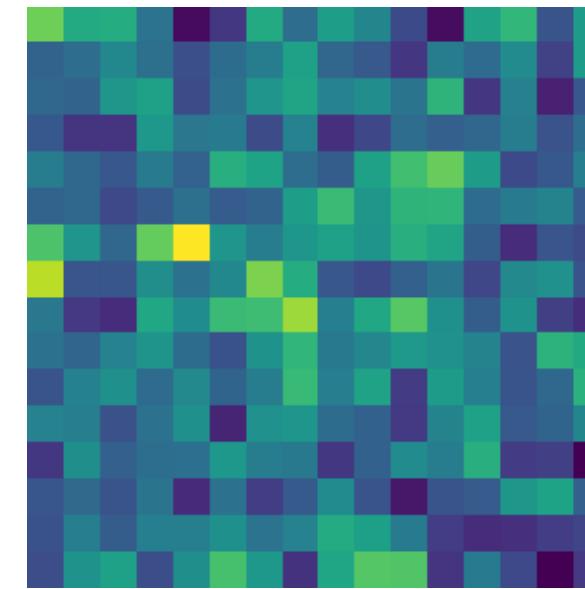
Slice 9



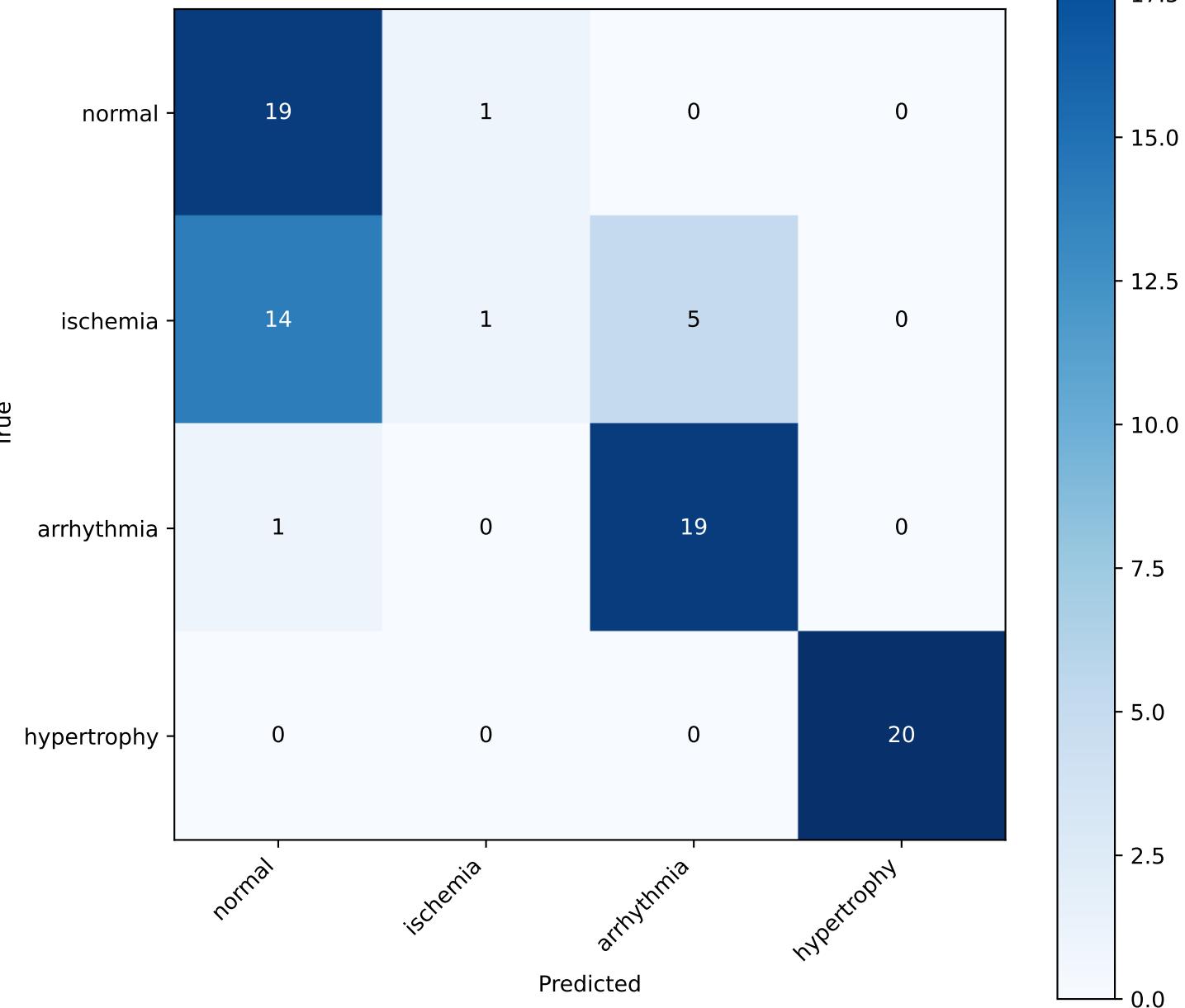
Slice 12



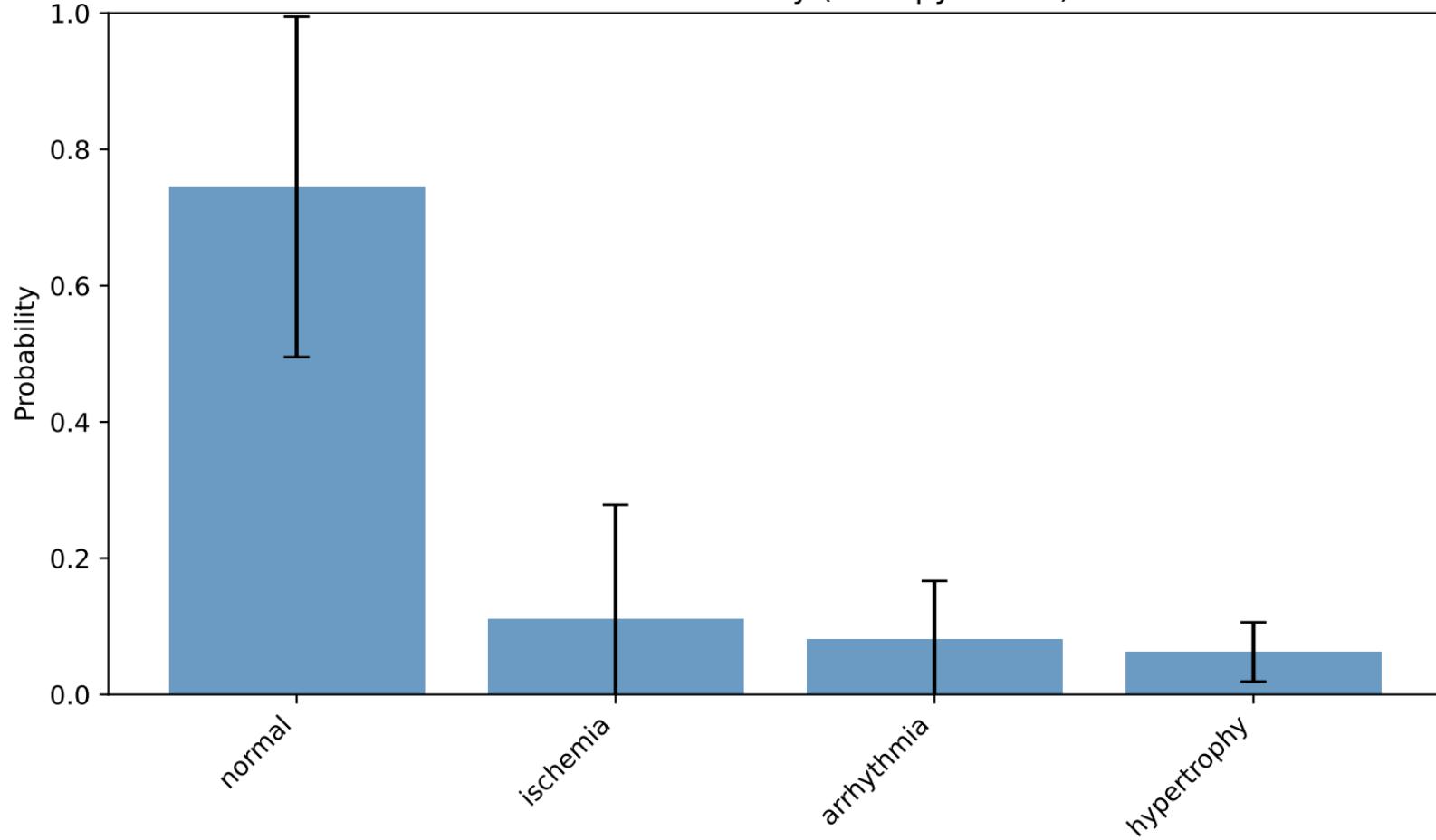
Slice 15



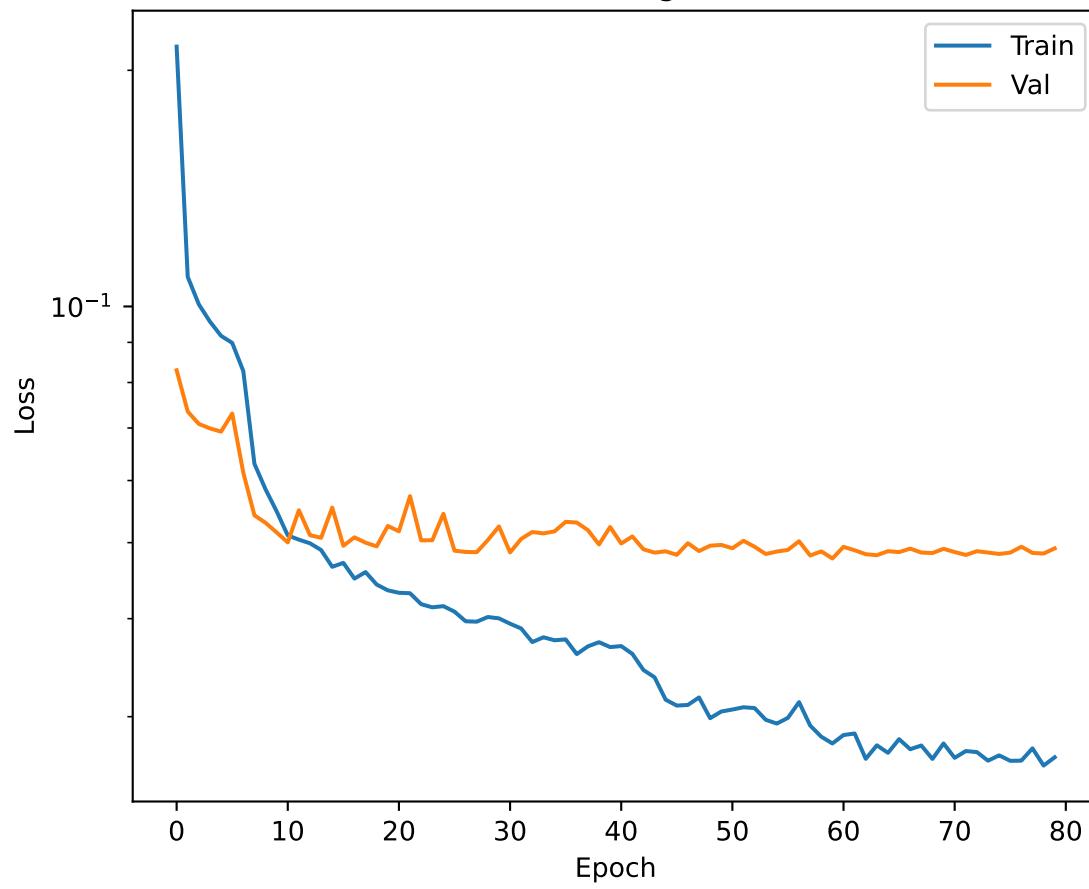
Confusion Matrix



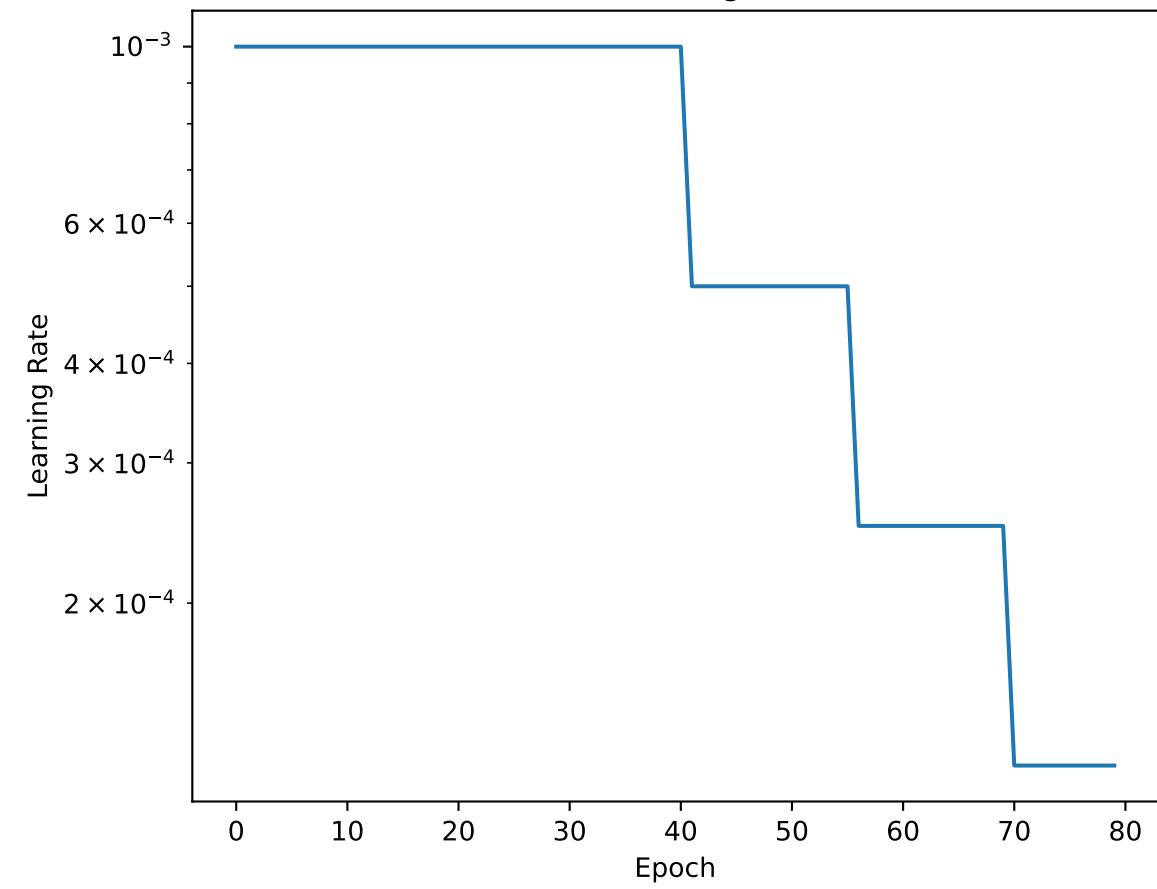
### Classifier Uncertainty (Entropy: 0.841)



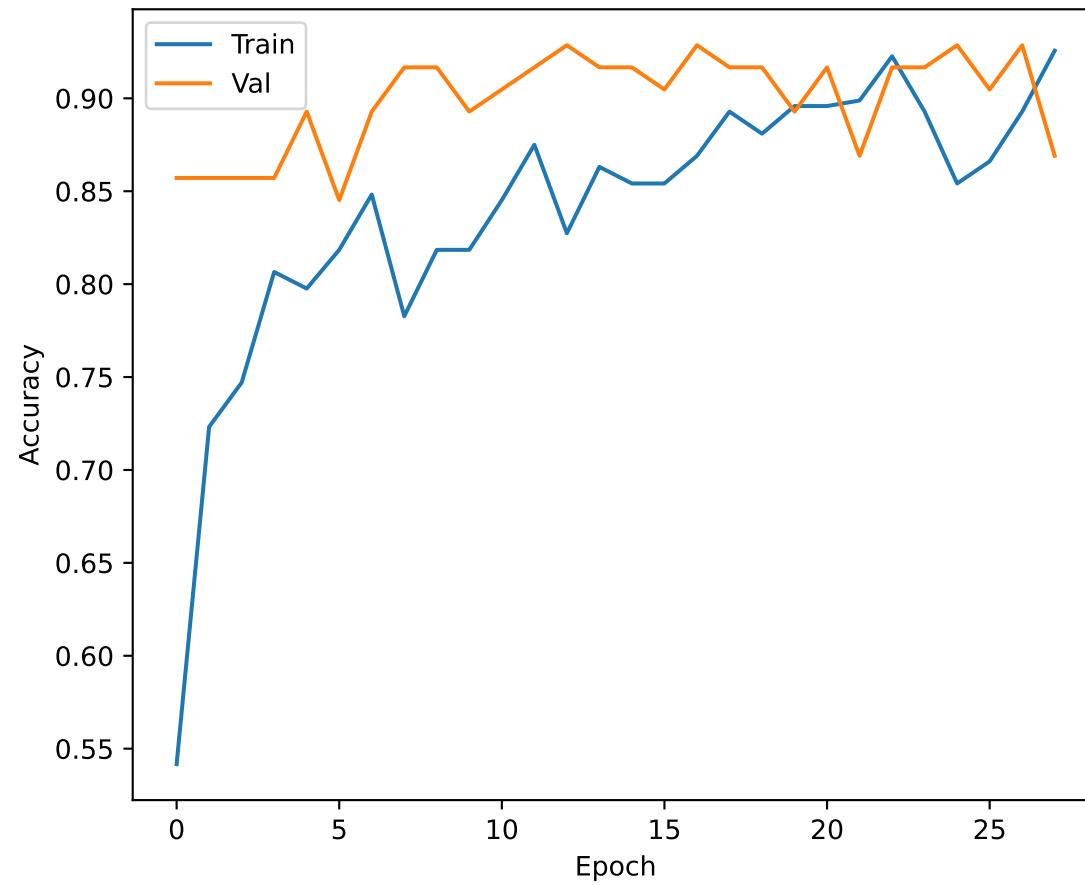
FNO Training Loss



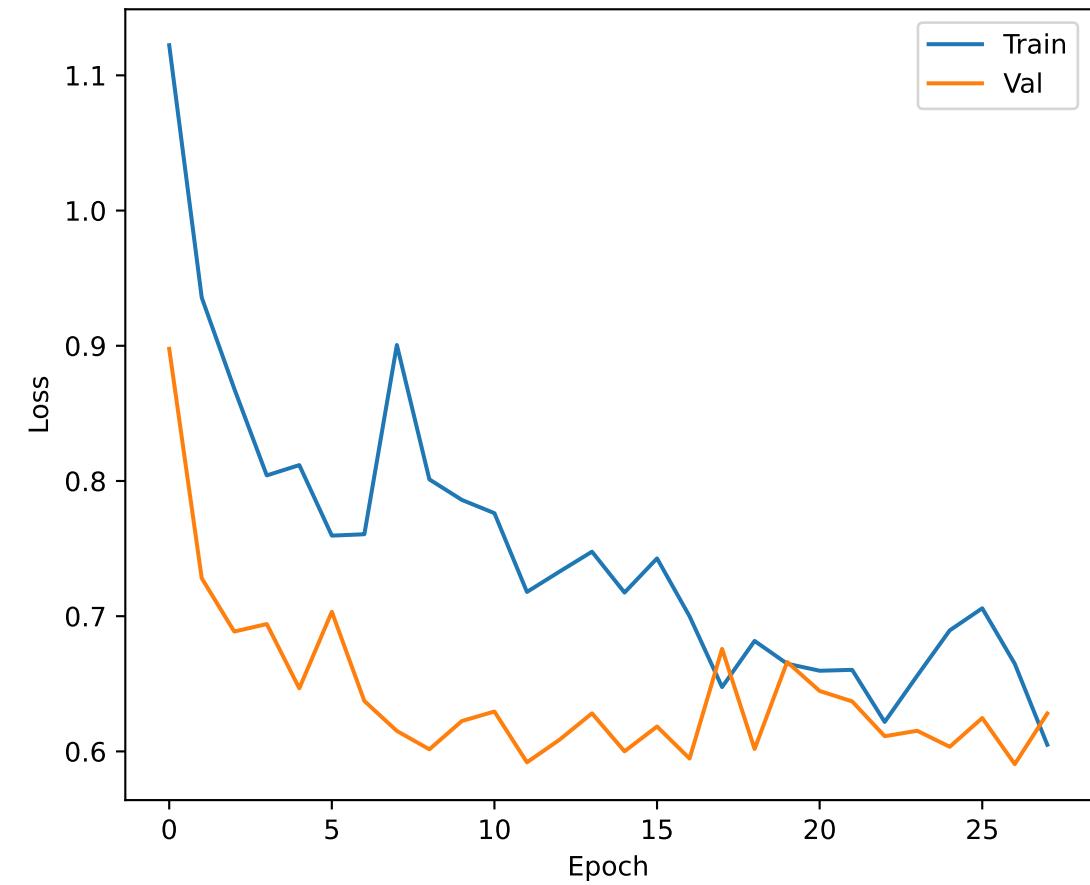
FNO Learning Rate



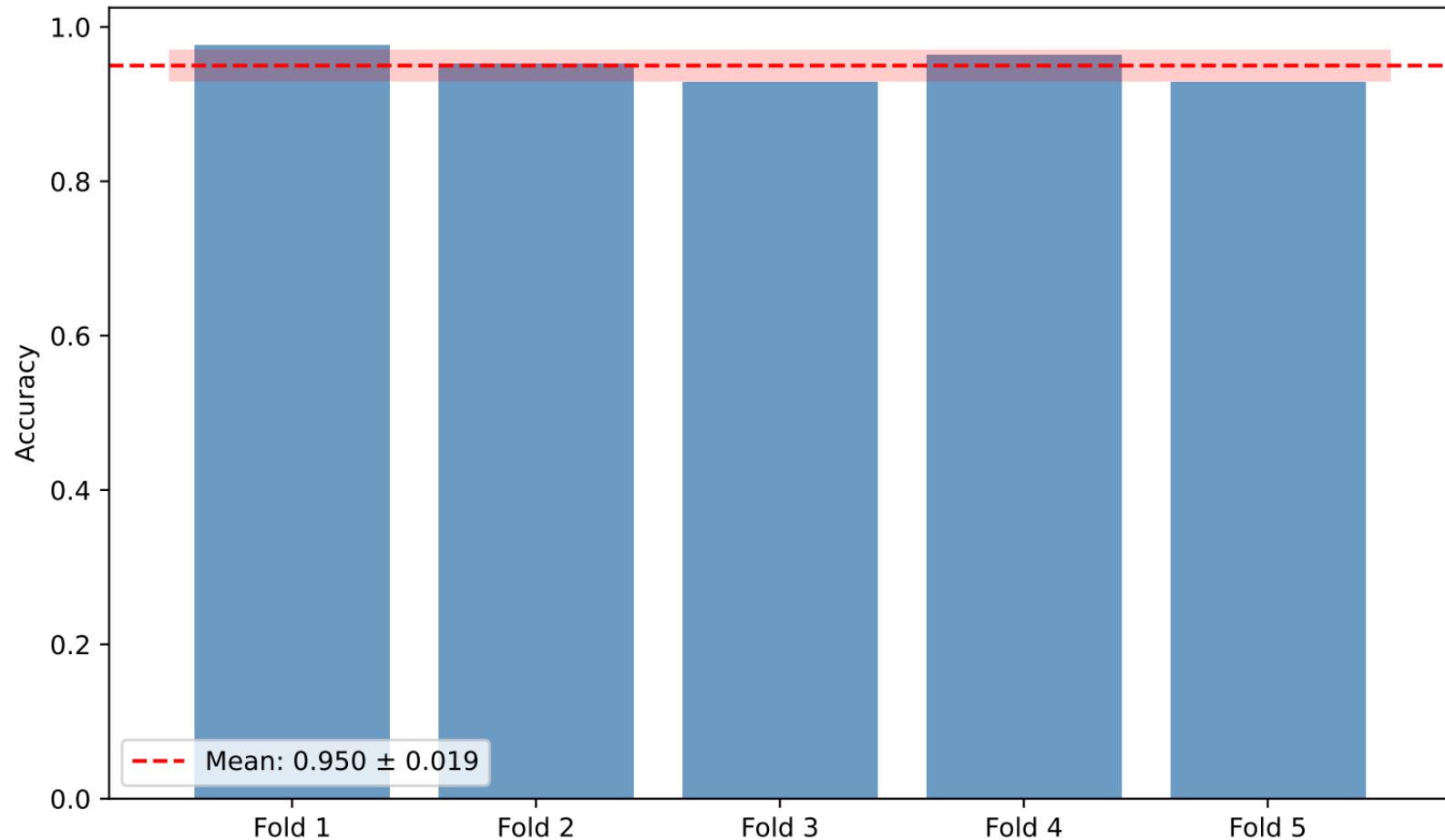
Classifier Accuracy



Classifier Loss



### Cross-Validation Results



## CLASSIFICATION RESULTS SUMMARY

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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