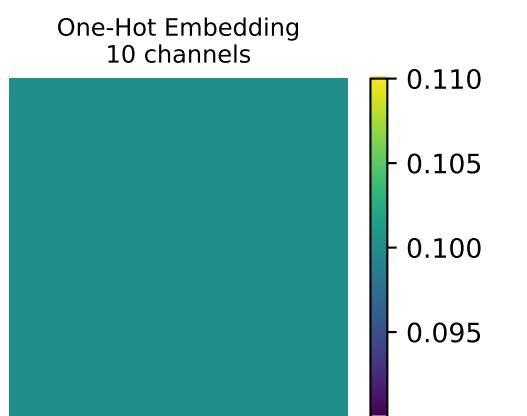
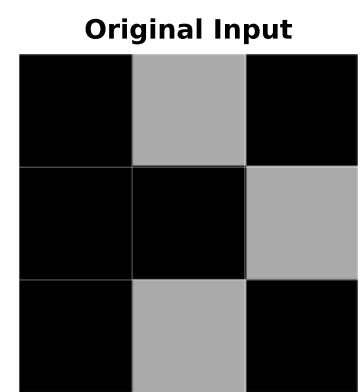
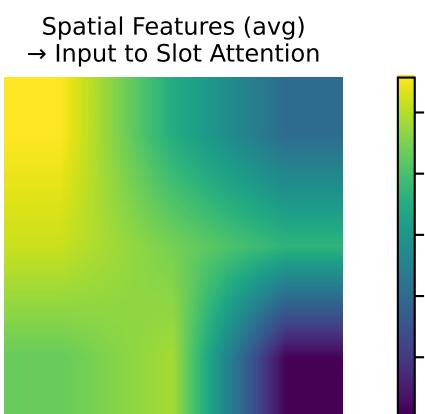
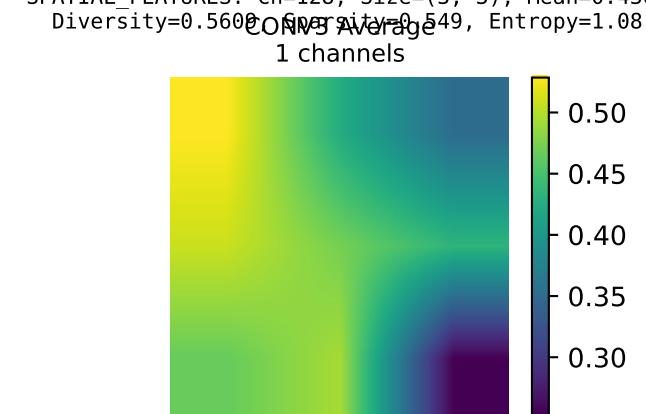
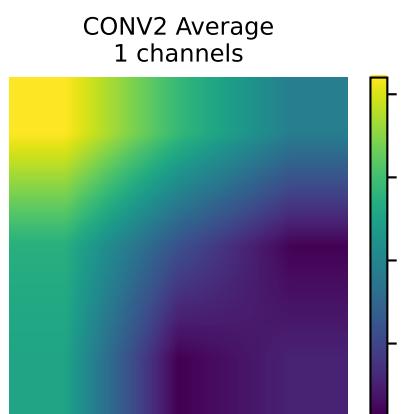
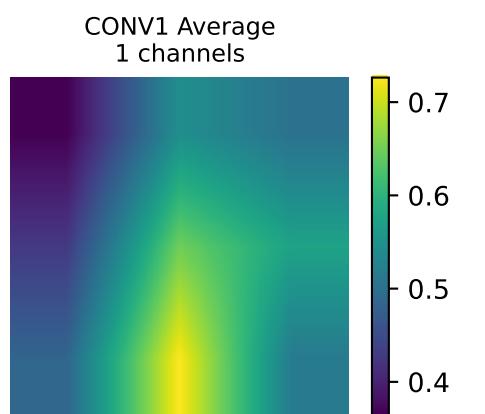


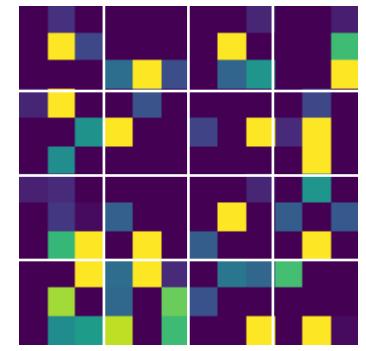
# CNN Feature Analysis: Grid 3x3



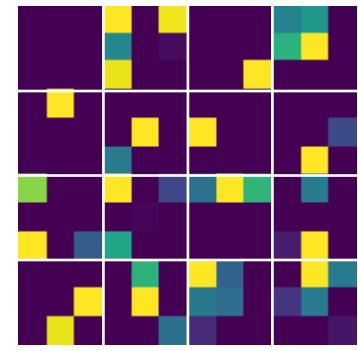
Grid Size: 3x3 | CNN: 3 conv layers | Hidden Dim: 128  
 Layer Statistics:  
 EMBED: Ch=10, Size=(3, 3), Mean=0.100±0.213, Range=[0.00, 1.00]  
 Diversity=0.4444, Sparsity=0.900, Entropy=0.29  
 CONV1: Ch=128, Size=(3, 3), Mean=0.531±0.334, Range=[0.00, 5.47]  
 Diversity=0.6579, Sparsity=0.615, Entropy=0.96  
 CONV2: Ch=128, Size=(3, 3), Mean=0.379±0.334, Range=[0.00, 5.83]  
 Diversity=0.6814, Sparsity=0.684, Entropy=0.77  
 CONV3: Ch=128, Size=(3, 3), Mean=0.436±0.335, Range=[0.00, 4.10]  
 Diversity=0.5609, Sparsity=0.549, Entropy=1.08  
 SPATIAL\_FEATURES: Ch=128, Size=(3, 3), Mean=0.436±0.335, Range=[0.00, 4.10]  
 Diversity=0.5609, Sparsity=0.549, Entropy=1.08



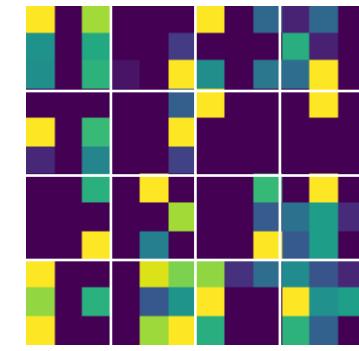
Feature Channels (showing 16/128)



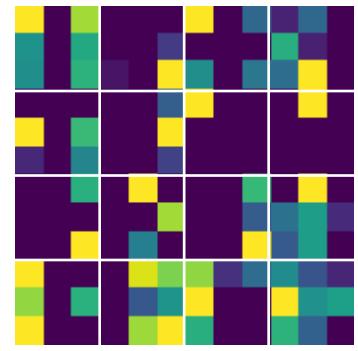
Feature Channels (showing 16/128)



Feature Channels (showing 16/128)



Feature Channels (showing 16/128)



## DIAGNOSIS SUMMARY:

- GOOD DIVERSITY
- △ HIGH SPARSITY: Many dead neurons
- △ LOW ENTROPY: Low information

