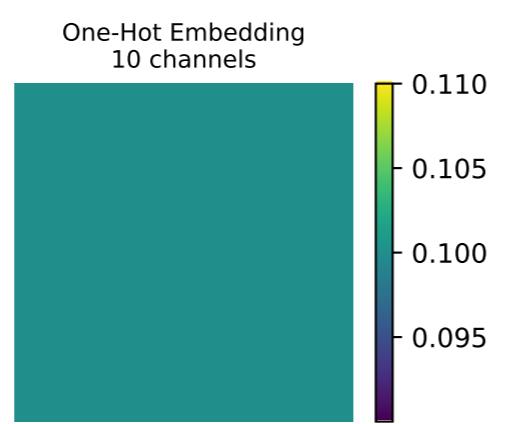
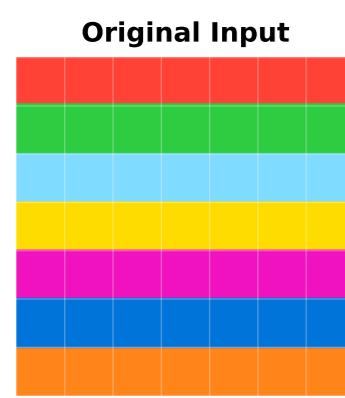
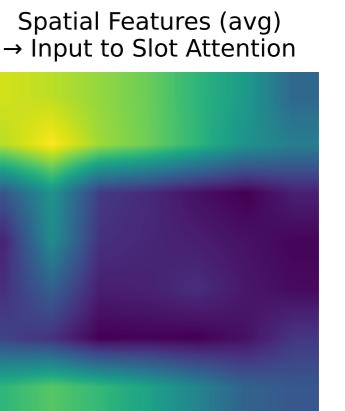
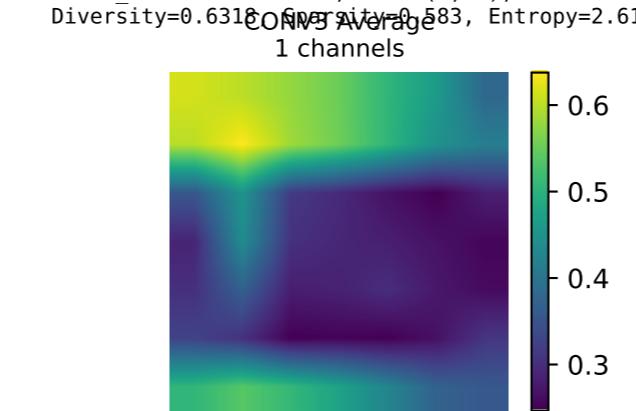
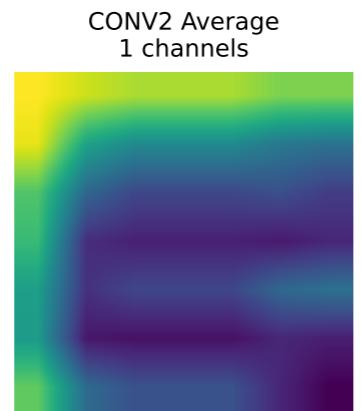
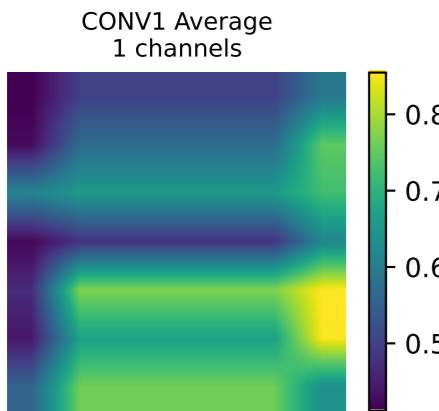


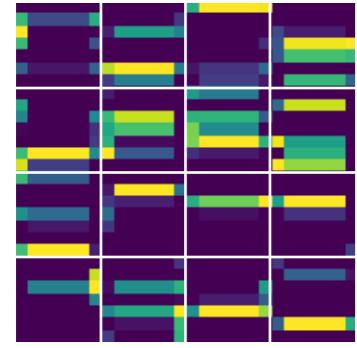
# CNN Feature Analysis: Grid 7x7



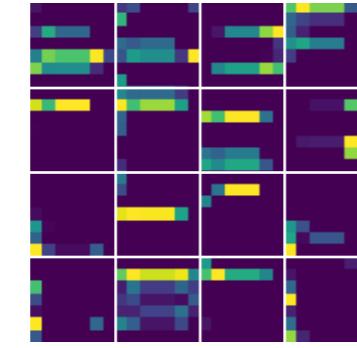
Grid Size: 7x7 | CNN: 3 conv layers | Hidden Dim: 128  
 Layer Statistics:  
 EMBED: Ch=10, Size=(7, 7), Mean=0.100±0.065, Range=[0.00, 1.00]  
 Diversity=0.8571, Sparsity=0.900, Entropy=1.36  
 CONV1: Ch=128, Size=(7, 7), Mean=0.618±0.372, Range=[0.00, 9.21]  
 Diversity=0.7088, Sparsity=0.648, Entropy=2.52  
 CONV2: Ch=128, Size=(7, 7), Mean=0.349±0.284, Range=[0.00, 6.88]  
 Diversity=0.7331, Sparsity=0.718, Entropy=2.25  
 CONV3: Ch=128, Size=(7, 7), Mean=0.386±0.252, Range=[0.00, 4.76]  
 Diversity=0.6318, Sparsity=0.583, Entropy=2.61



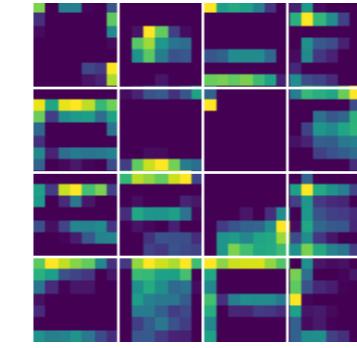
Feature Channels (showing 16/128)



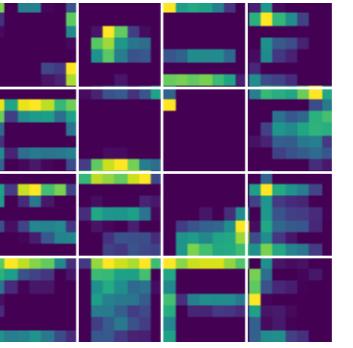
Feature Channels (showing 16/128)



Feature Channels (showing 16/128)



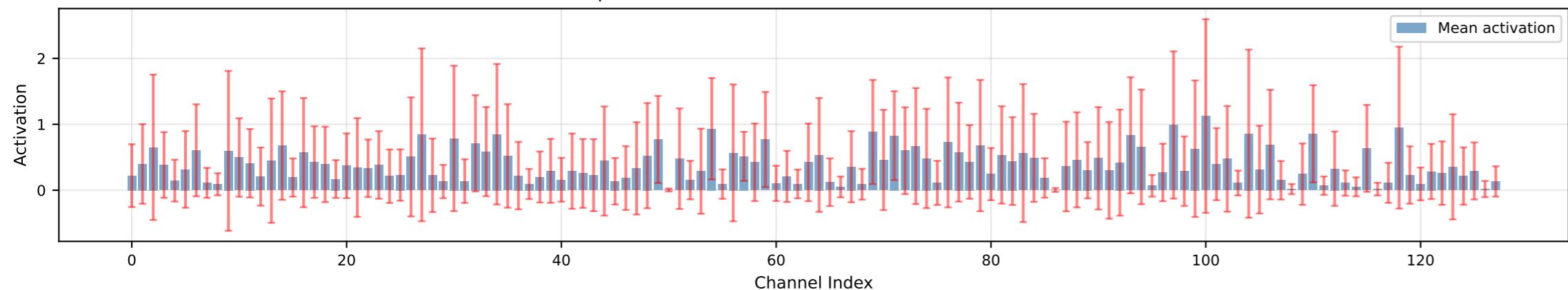
Feature Channels (showing 16/128)



## DIAGNOSIS SUMMARY:

- GOOD DIVERSITY
- △ HIGH SPARSITY: Many dead neurons
- GOOD ENTROPY

Spatial Feature Channel Activations (mean ± std)



Spatial Location Similarity  
(sample of 49 locations)

