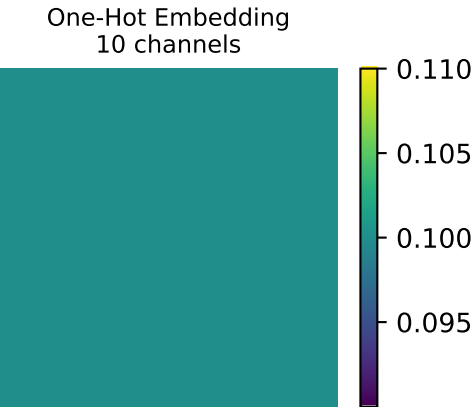
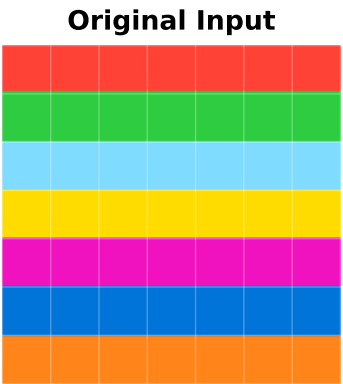


CNN Feature Analysis: Grid 7x7



Grid Size: 7x7 | CNN: 3 conv layers | Hidden Dim: 128

Layer Statistics:

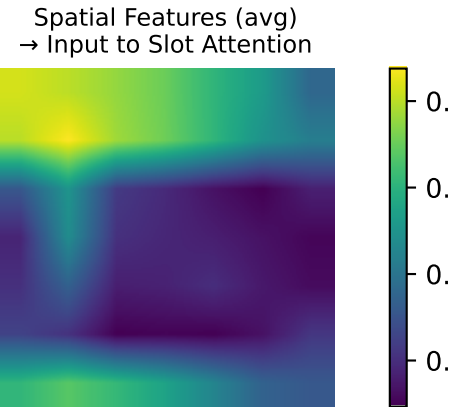
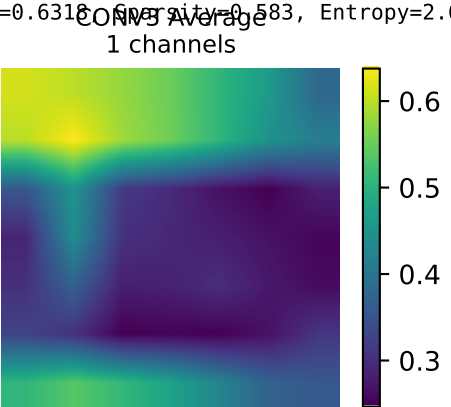
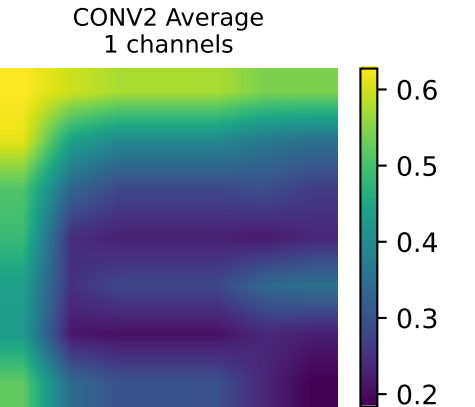
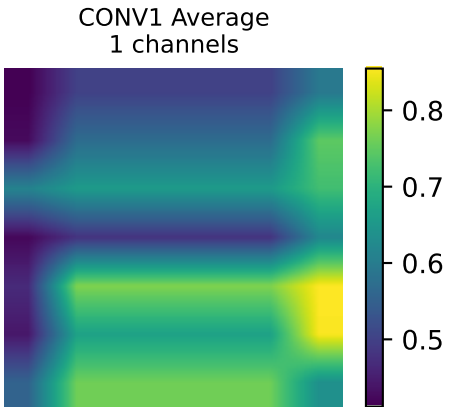
EMBED: Ch=10, Size=(7, 7), Mean=0.100±0.065, Range=[0.00,1.00]
Diversity=0.8571, Sparsity=0.900, Entropy=1.36

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

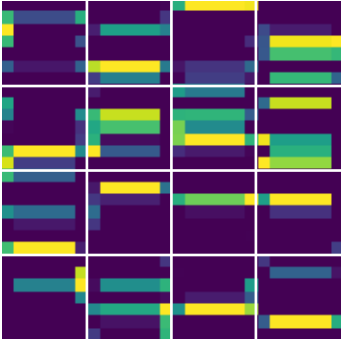
CONV2: Ch=128, Size=(7, 7), Mean=0.349±0.284, Range=[0.00,6.88]
Diversity=0.7331, Sparsity=0.718, Entropy=2.25

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

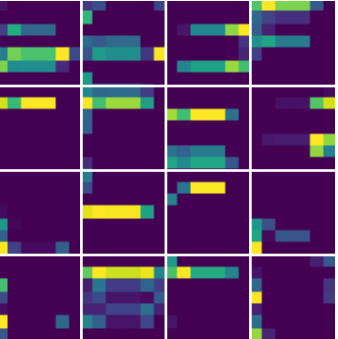
SPATIAL FEATURES: Ch=128, Size=(7, 7), Mean=0.386±0.252, Range=[0.00,4.76]
Diversity=0.6318, Sparsity=0.583, Entropy=2.61



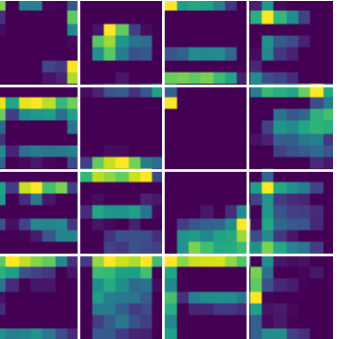
Feature Channels (showing 16/128)



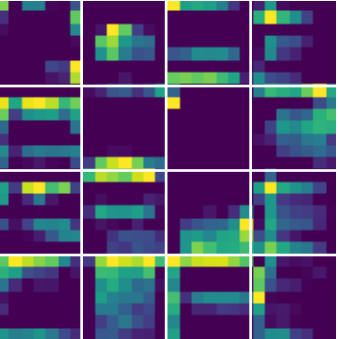
Feature Channels (showing 16/128)



Feature Channels (showing 16/128)



Feature Channels (showing 16/128)



DIAGNOSIS SUMMARY:

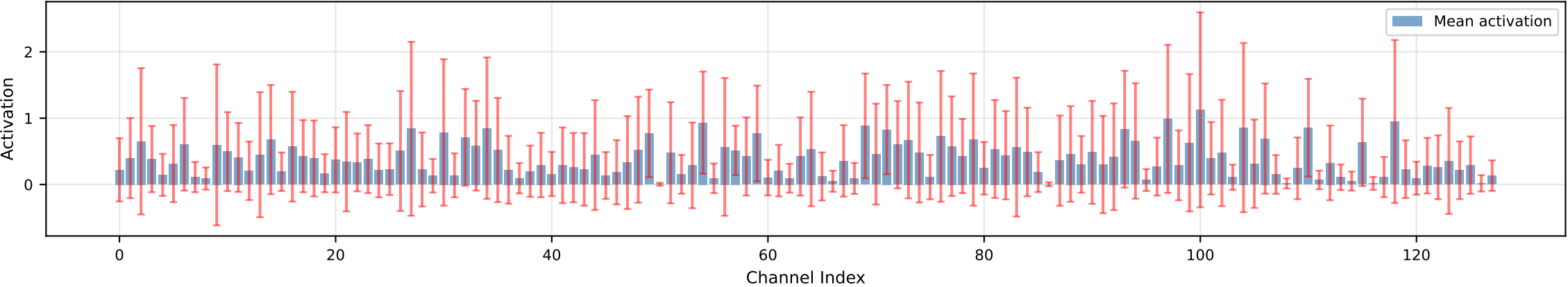
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☐ GOOD DIVERSITY

△☐ HIGH SPARSITY: Many dead neurons

☐ GOOD ENTROPY

Spatial Feature Channel Activations (mean ± std)



Spatial Location Similarity
(sample of 49 locations)

