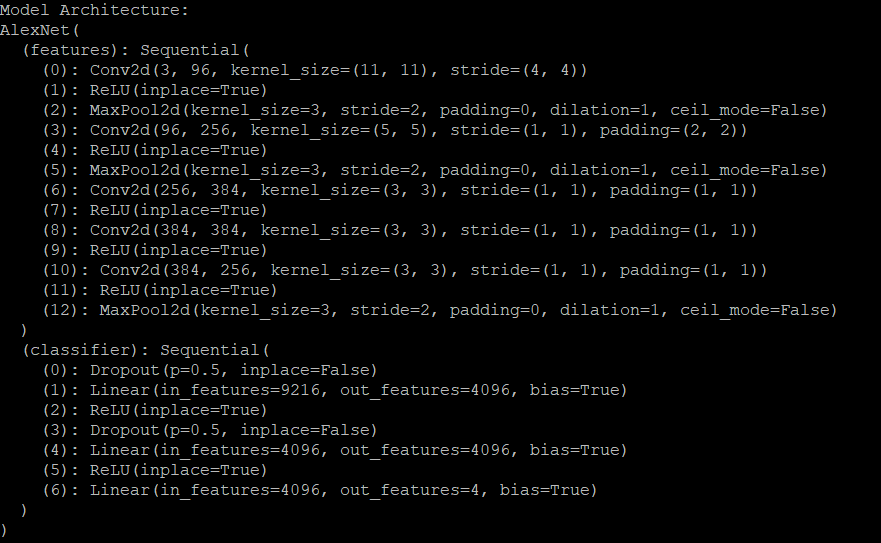
**Part I**

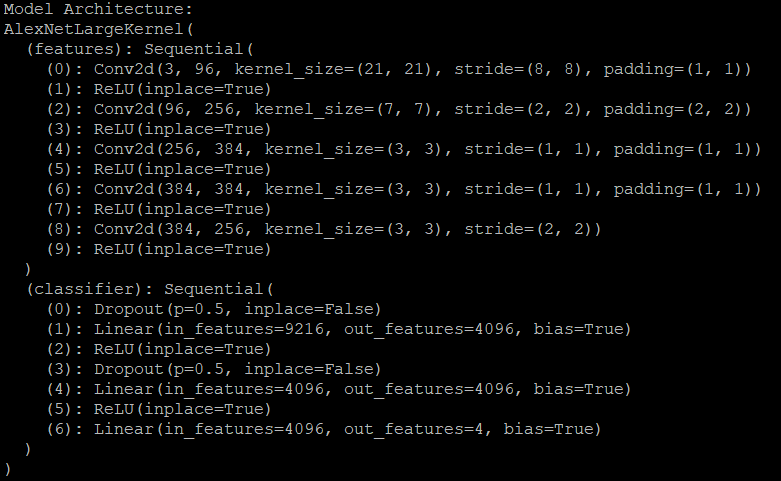


[Epoch 100] train accuracy: 0.9956, loss: 0.0166

[Epoch 100] eval accuracy: 0.9004, loss: 0.7200

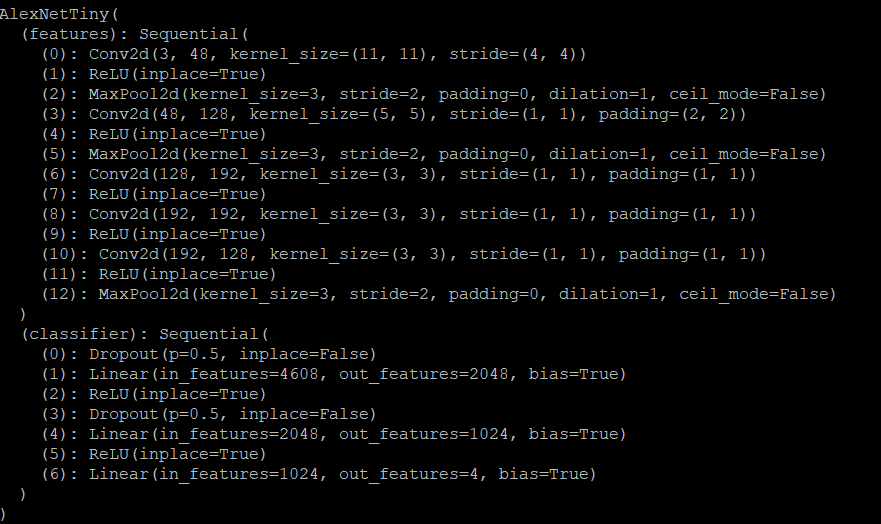
**Part II**

AlexNetLargeKernel:





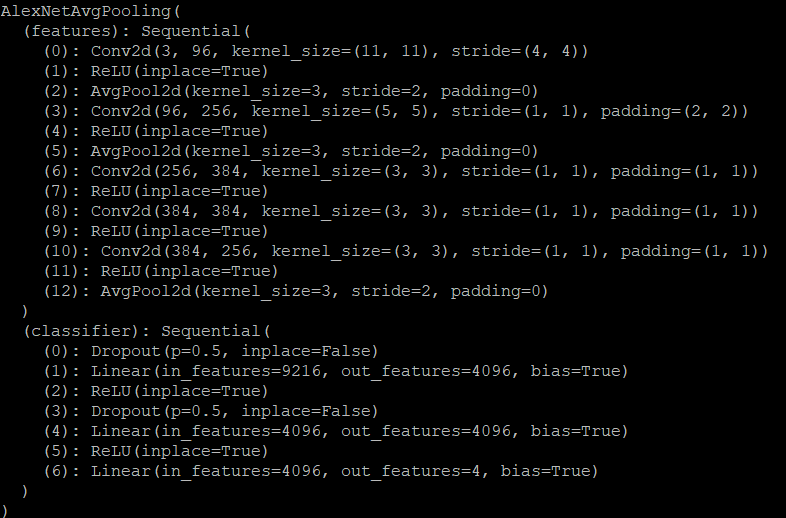
AlexNetTiny:



[Epoch 100] train accuracy: 0.9969, loss: 0.0107

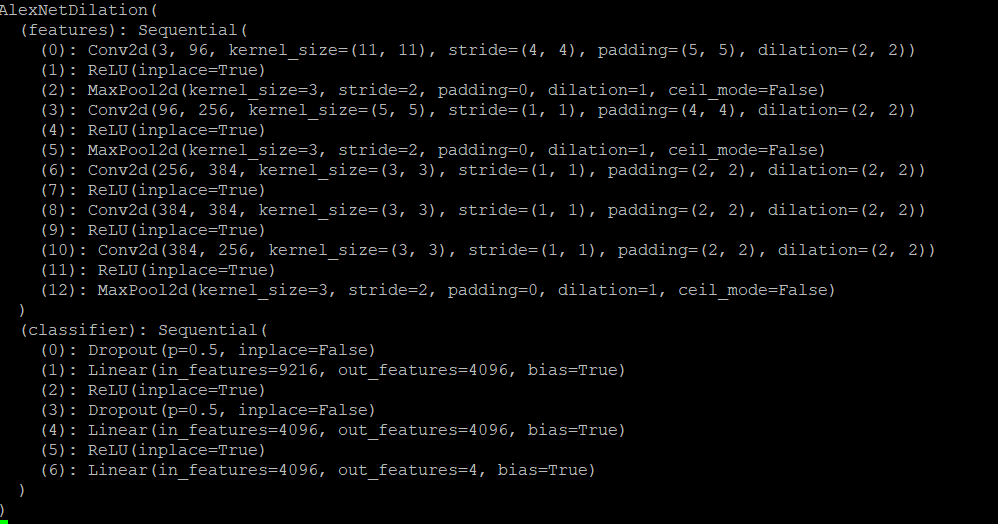
[Epoch 100] eval accuracy: 0.9066, loss: 0.6590

AlexNetAvgPooling:





AlexNetDilation



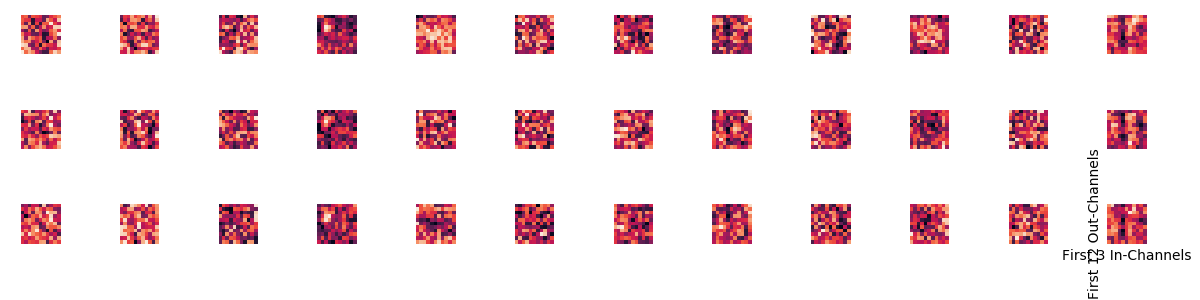
[Epoch 100] train accuracy: 0.9843, loss: 0.0511

[Epoch 100] eval accuracy: 0.8932, loss: 0.7845

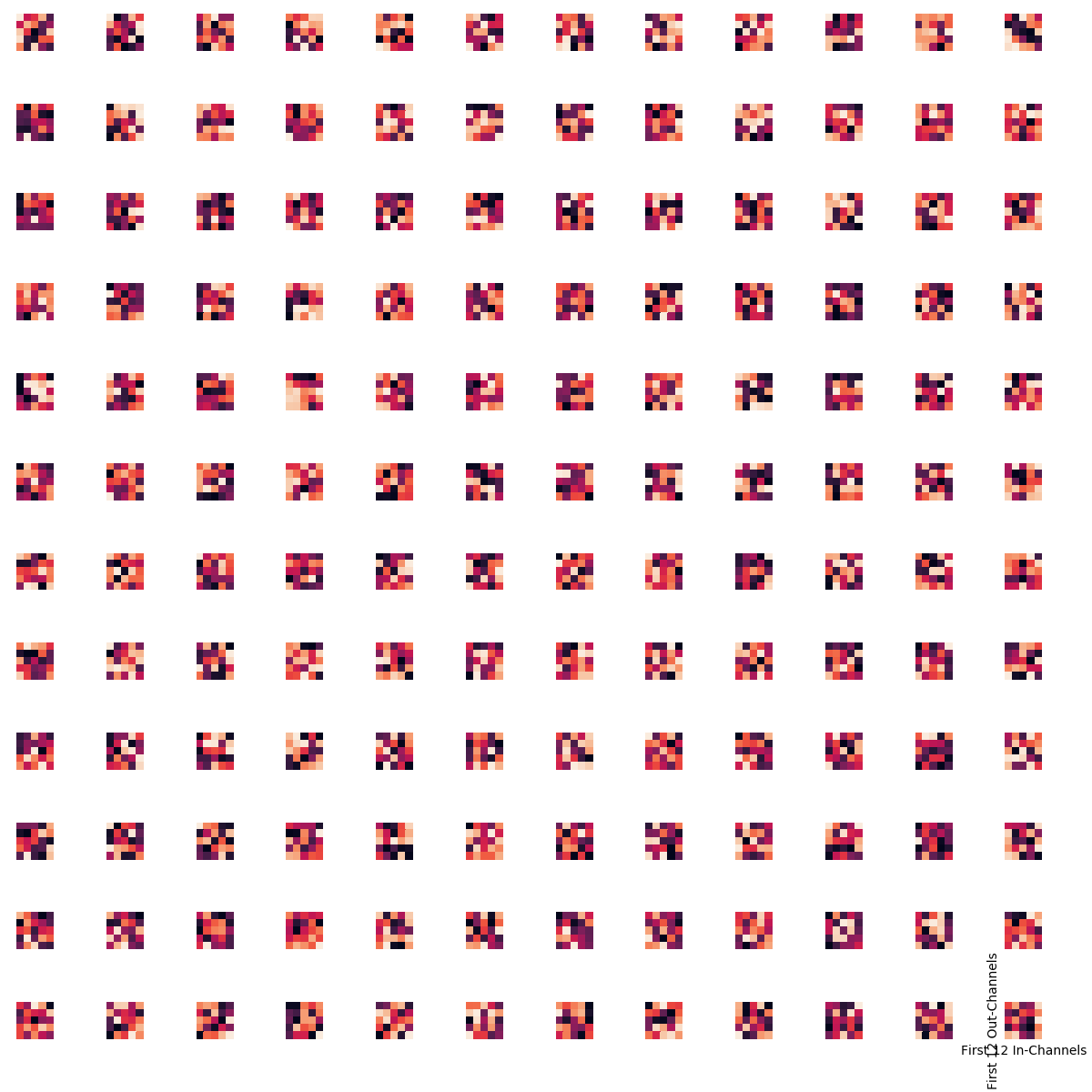
Part III

Domain Kernels:

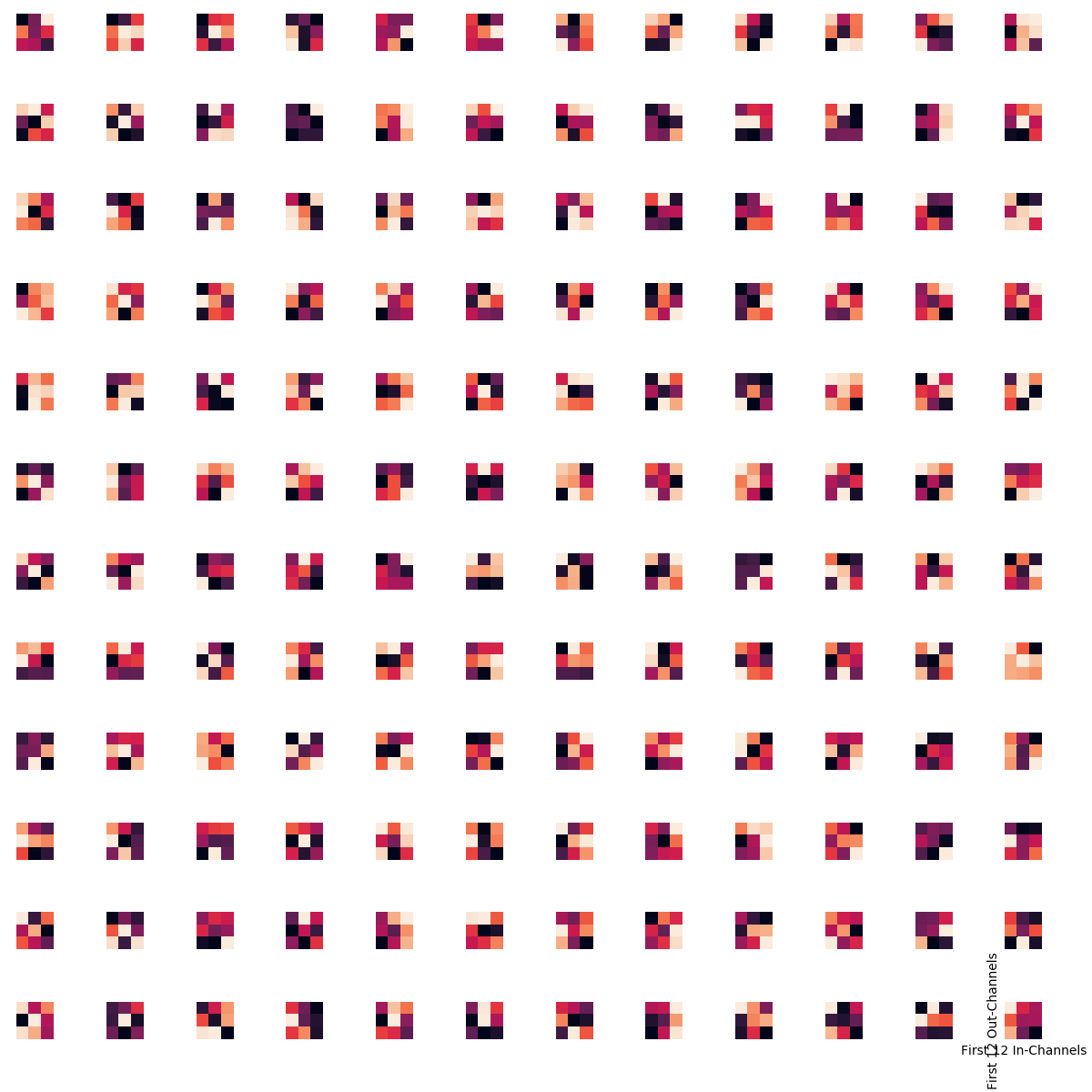
Conv2d-0



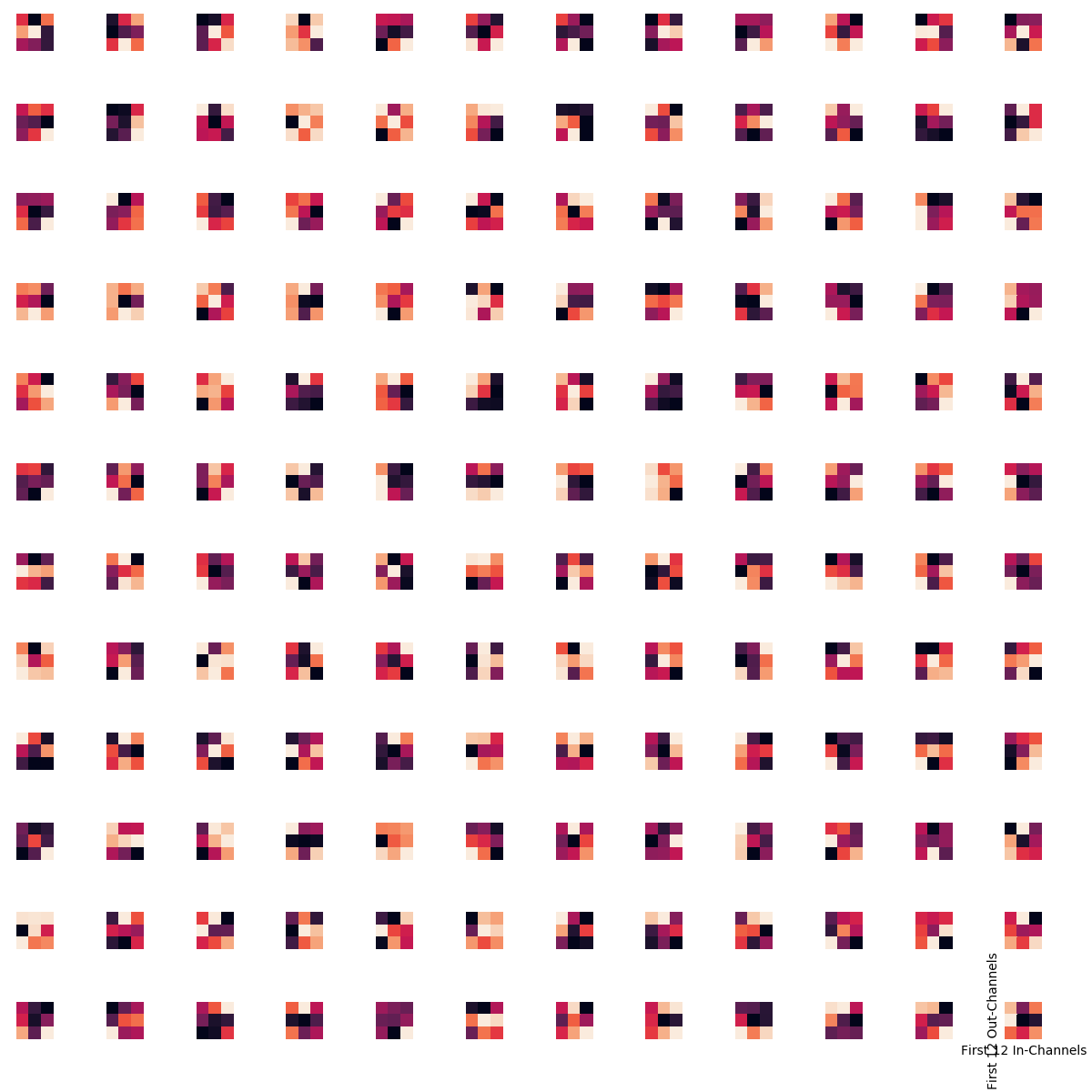
Conv2d-3



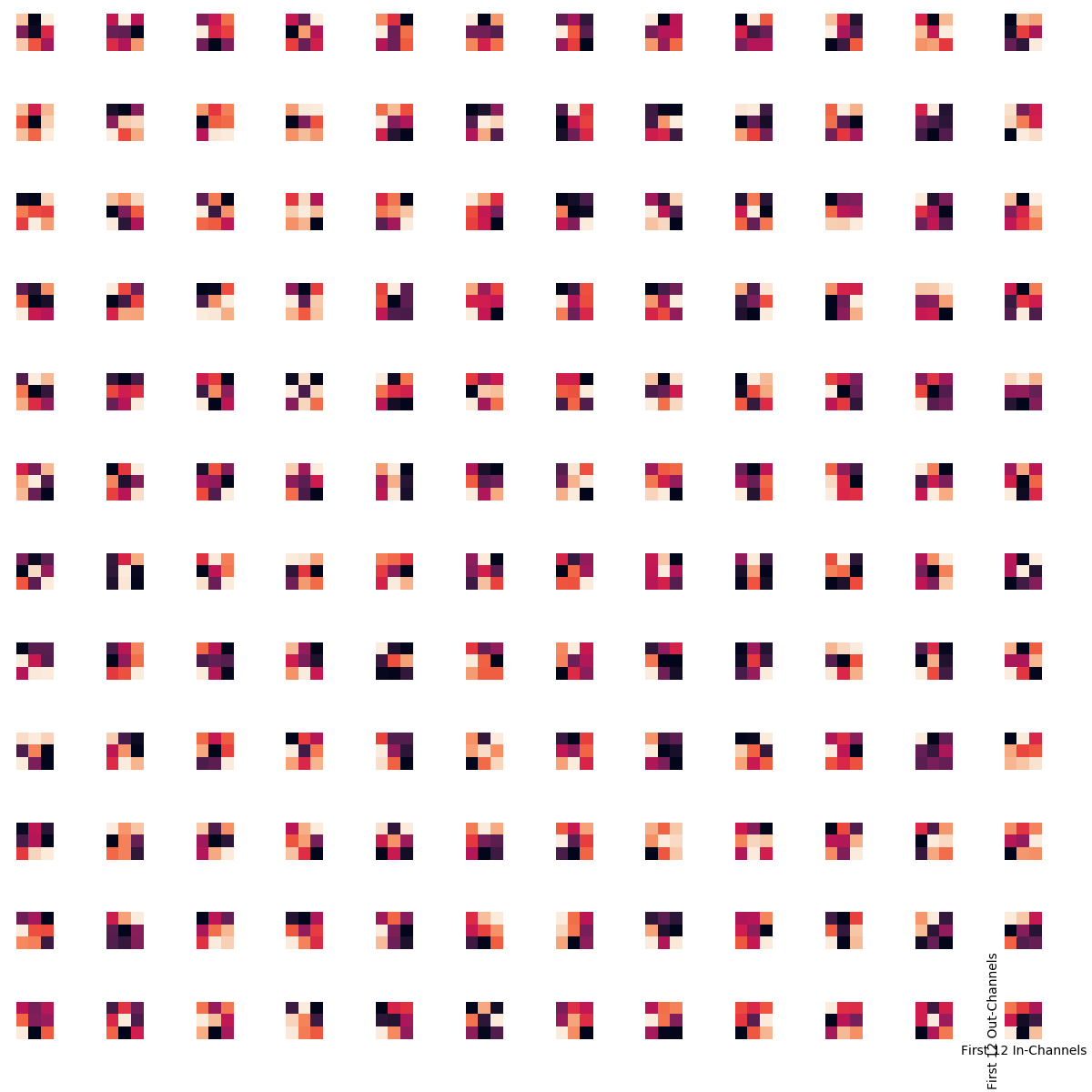
Conv2d-6



Conv2d-8

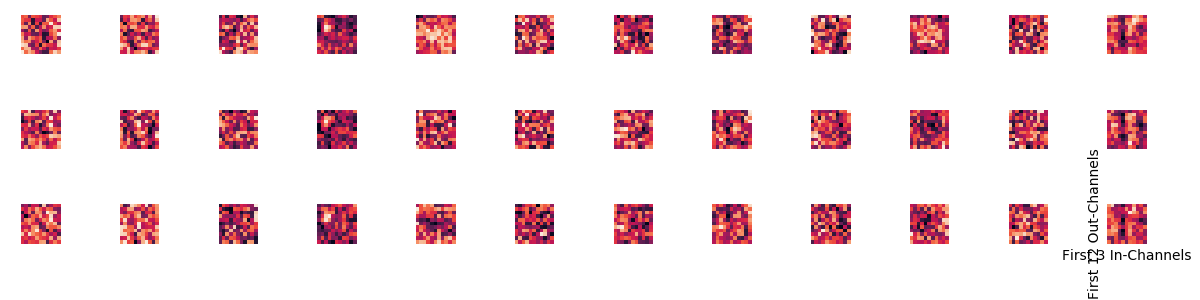


Conv2d-10

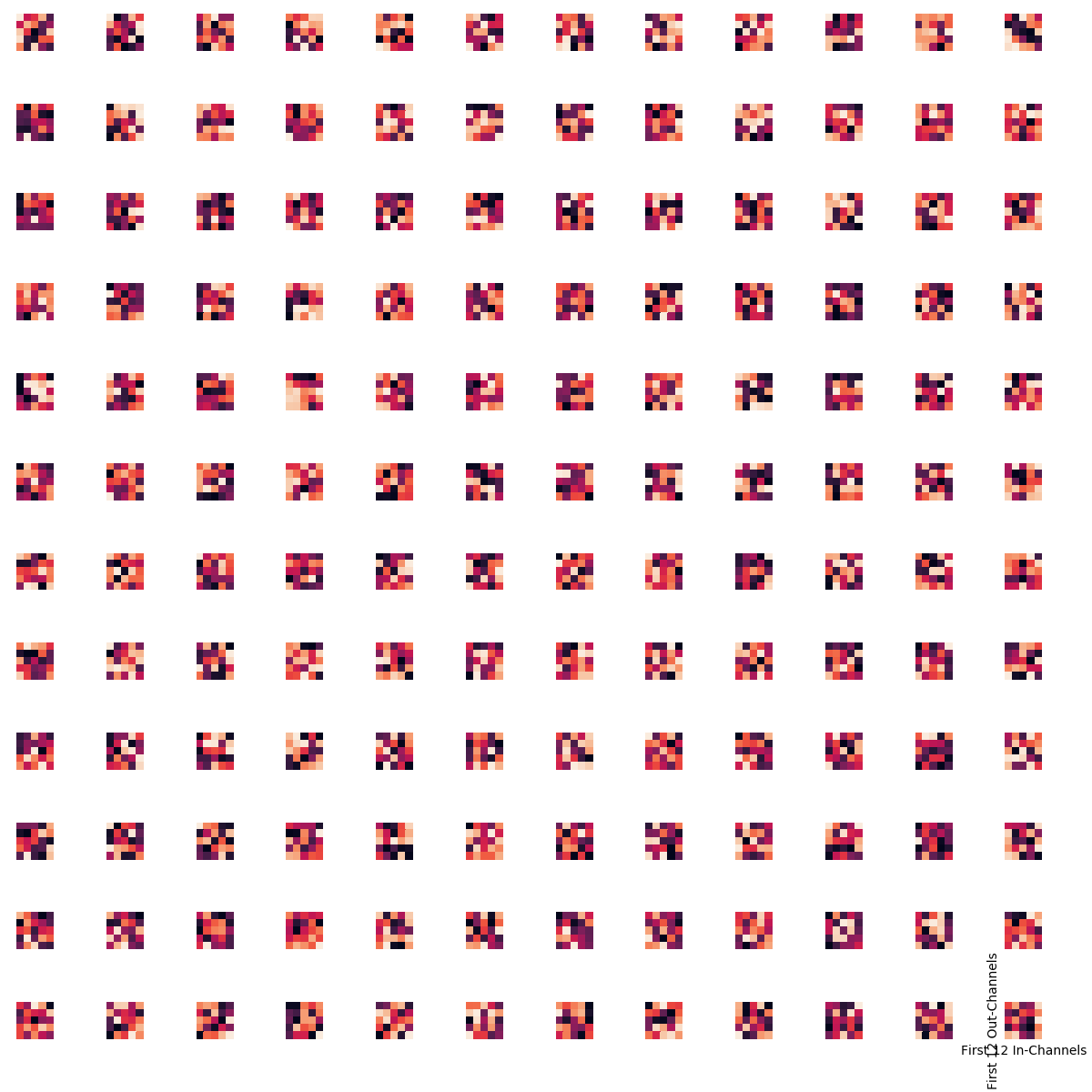


Category Kernels:

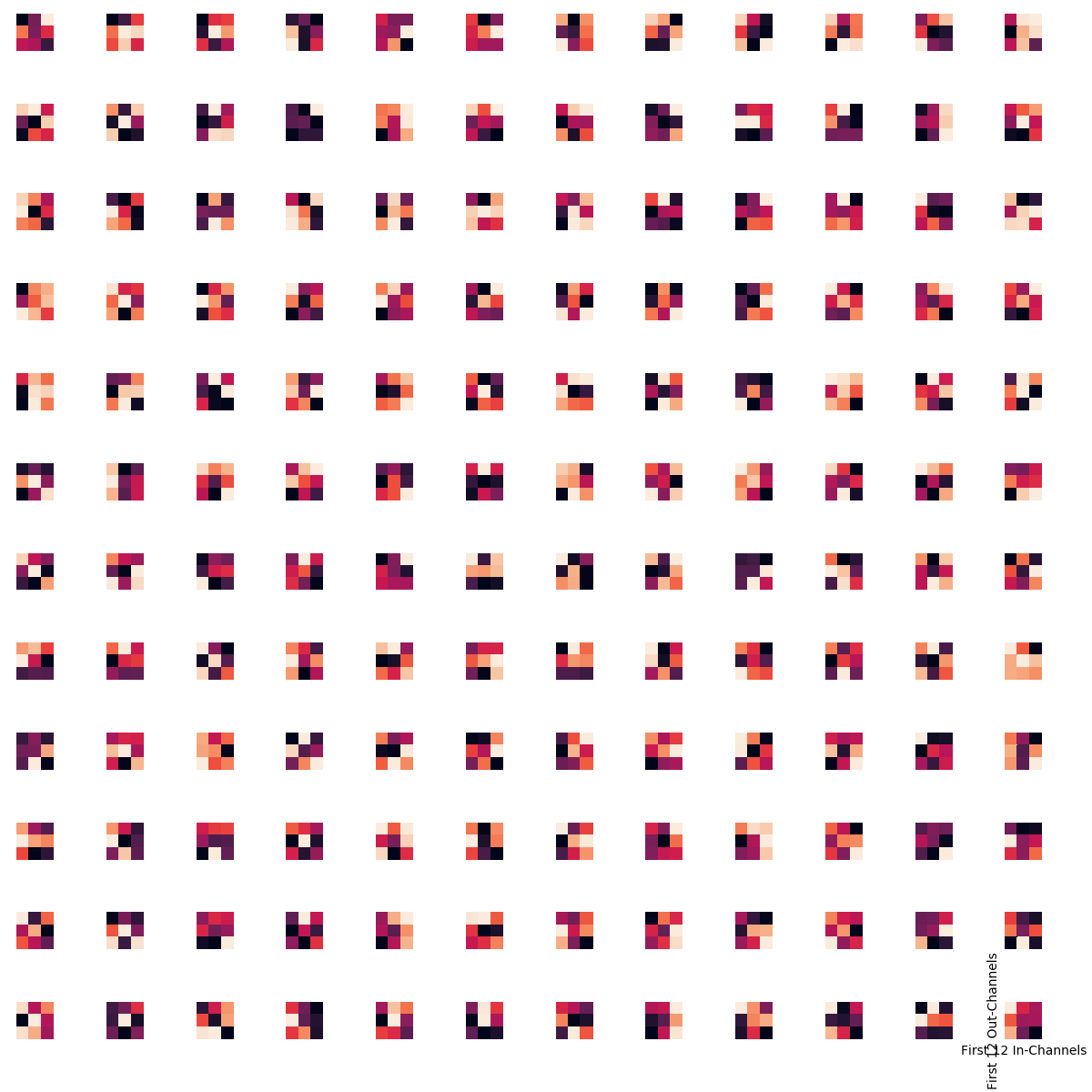
Conv2d-0



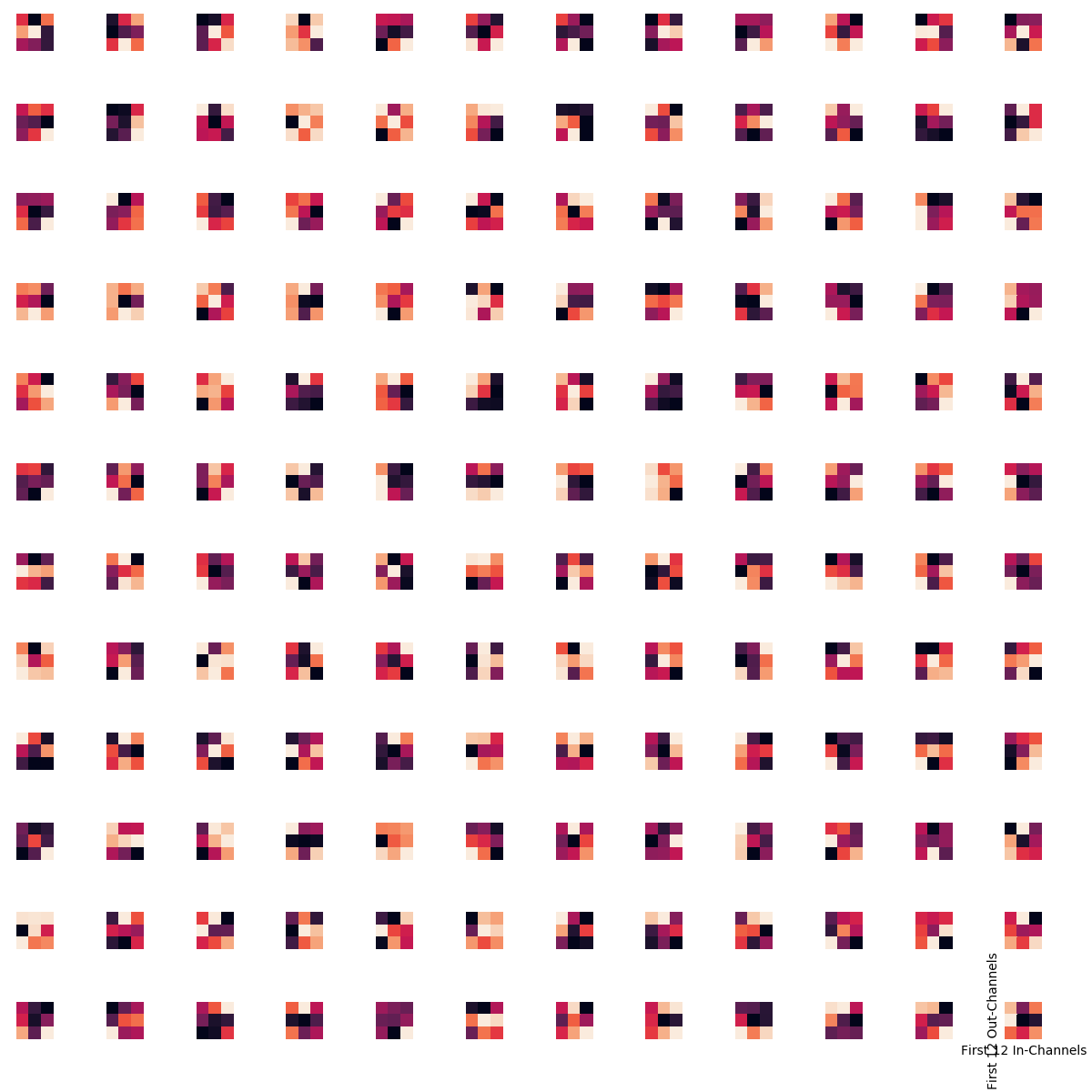
Conv2d-3



Conv2d-6



Conv2d-8



Conv2d-10

