Model

Wodel	
CIFAR-10	MNIST
Input: $32 \times 32 \text{ RGB}$	Input: 28×28 monochrome
3×3 conv. 96 BN LeakyReLU	5×5 conv. 32 ReLU
3×3 conv. 96 BN LeakyReLU	
3×3 conv. 96 BN LeakyReLU	
2×2 max-pooling, stride 2 BN	2×2 max-pooling, stride 2 BN
3×3 conv. 192 BN LeakyReLU	3×3 conv. 64 BN ReLU
3×3 conv. 192 BN LeakyReLU	3×3 conv. 64 BN ReLU
3×3 conv. 192 BN LeakyReLU	
2×2 max-pooling, stride 2 BN	2×2 max-pooling, stride 2 BN
Spatial contrasting criterion	
3×3 conv. 192 BN LeakyReLU	3×3 conv. 128 BN ReLU
1×1 conv. 192 BN LeakyReLU	1×1 conv. 10 BN ReLU
1×1 conv. 10 BN LeakyReLU	global average pooling
global average pooling	
	Input: 32×32 RGB 3×3 conv. 96 BN LeakyReLU 3×3 conv. 96 BN LeakyReLU 3×3 conv. 96 BN LeakyReLU 2×2 max-pooling, stride 2 BN 3×3 conv. 192 BN LeakyReLU 3×3 conv. 192 BN LeakyReLU 3×3 conv. 192 BN LeakyReLU 2×2 max-pooling, stride 2 BN Spatial contrasting criterion 3×3 conv. 192 BN LeakyReLU 1×1 conv. 192 BN LeakyReLU 1×1 conv. 192 BN LeakyReLU 1×1 conv. 10 BN LeakyReLU

10-way softmax