

# ImageNet Classification with Deep Convolutional Neural Networks

Krizhevsky *et al.*

2012

## 1 Preprocessing

1. Down-sample to fixed resolution  $256 \times 256$ .
2. If rectangular, first rescale the image such that the shorter side is 256, then crop out the central  $256 \times 256$  patch.
3. Subtract the mean activity over training set from each pixel.

## 2 Architecture