1. CheXNet
   - 121 layer Dense convolutional neural network
   - Weights initialized with weights from pretrained model of ImageNet
   - Adam optimizer with standard parameters

2.
   - Decaf implementation of CNN
   - PiCoDes descriptor
   - Classification - SVM

3.
   - Classification - non-linear multiclass SVM
   - Image Retrieval - L1 distance
   - Region of Interest Retrieval - Visual words

4.
   - Two dimensional Daubechies wavelet transform

5.
   - GoogLeNet CNN

6.
   - Densely Connected Networks (DenseNet)

7.
   - DenseNet16 - baseline NN architecture
   - PairWise Error loss
   - 6 levels of cascading cross-entropy and PWE loss

8.
   - Attention Guided Convolutional Neural Networks
   - Global and local branch & fusion branch