

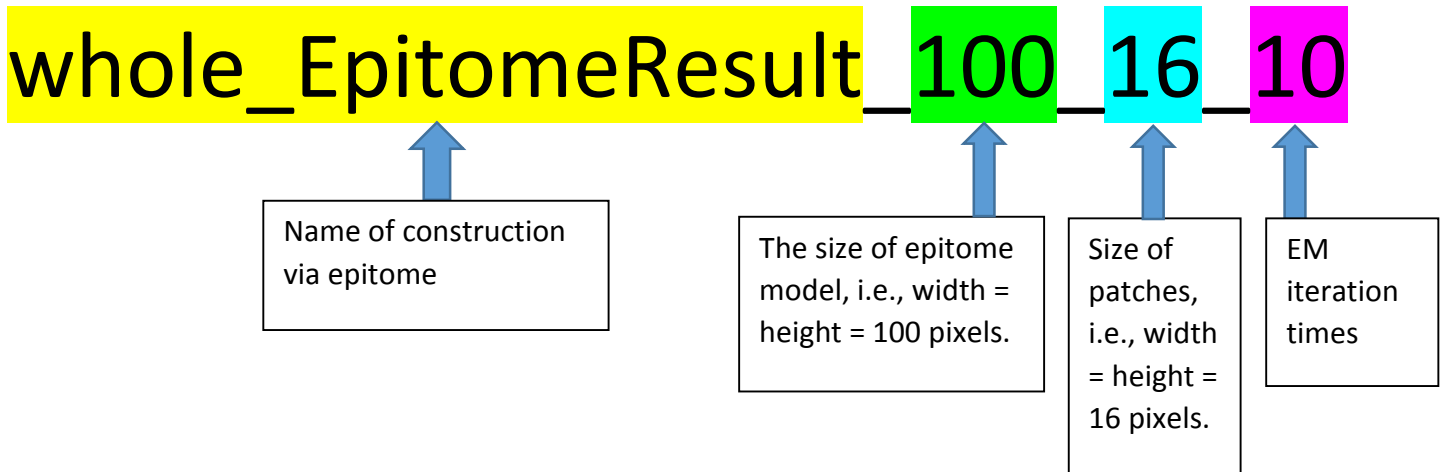
Epitome Results of LFW Database

Sep. 8th, 2014, @Stevens

In this experiment, 5544 images are selected out of the LFW database (<http://vis-www.cs.umass.edu/lfw/>) to learn **ONLY ONE** epitomic model, and based on the model we do the following reconstruction. That means we use one epitome model to reconstruct all the 5544 images, and the result is shown as below.

► Parameters Notation:

e.g.,



► Reconstruction Result:

0) Original Input Images:

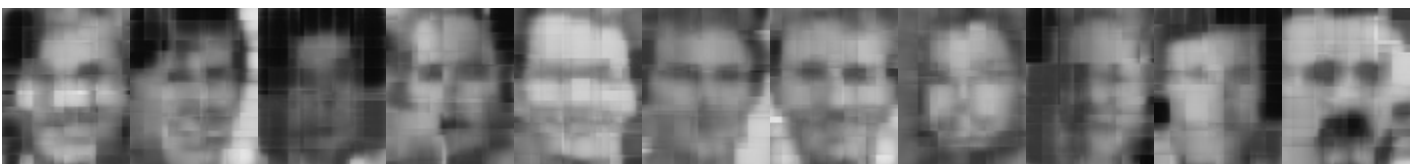


1) whole_EpitomeResult_110_16_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 28.9288 min = 14.46 **mean = 20.9871**



2) whole_EpitomeResult_110_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 35.1543 min = 18.8969 mean = 25.6274



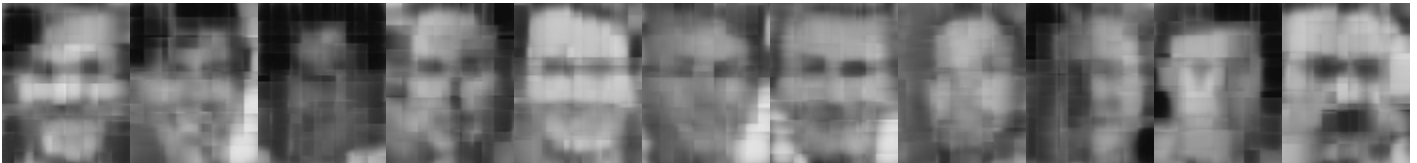
3) whole_EpitomeResult_100_16_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 29.4592 min = 14.4606 mean = 20.8932

reconstructed images:



4) whole_EpitomeResult_100_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 35.0862 min = 18.4745 mean = 25.384



5) whole_EpitomeResult_90_16_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 28.8558 min = 14.533 mean = 20.7667



6) whole_EpitomeResult_90_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 34.3956 min = 18.0845 mean = 25.0032

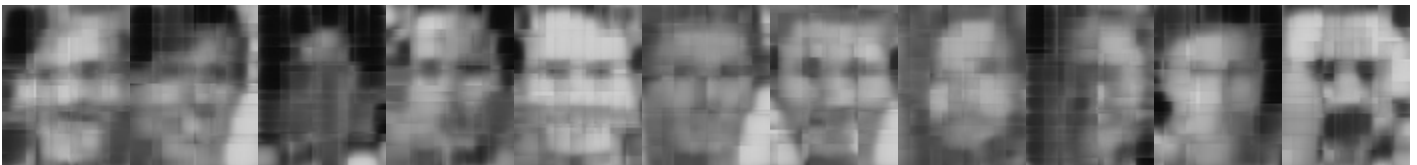


7) whole_EpitomeResult_80_16_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 28.9595 min = 13.6195 mean = 20.6841



8) whole_EpitomeResult_80_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 34.1317 min = 18.0431 mean = 25.0516



9) whole_EpitomeResult_70_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 33.6884 min = 17.9979 mean = 24.8812



10) whole_EpitomeResult_60_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 34.102 min = 17.2719 mean = 24.3945



11) whole_EpitomeResult_50_8_10::

---- recon_lfw-cropped-whole -- psnr:

There are 5544 images, wherein :

max = 32.8229 min = 16.9405 mean = 24.1973

