I was admittedly a little confused on this homework. I followed the link, implemented the code in the link and it ran fine. It uses a bunch of TensorFlow libraries which have been depreciated, but they all still function perfectly well. I had an idea to maybe cut out the depreciated library calls and update them, but I figured that would take a lot of reading pages on GitHub and not getting the data I’d like. I also submitted the code but seeing as its essentially the original code it’s not that interesting.

Instead of digging through documentation, I opted to adjust the parameters on the autoencoder and graph the results. I again changed the data output to semicolon delimited for ease in porting things into Excel, but an original data readout can be found in the “autoencodebasecase.txt” file. Now, for the graphs:

From this and the last assignment, it looks like the Adam optimizer is the best one in Tensorflow.