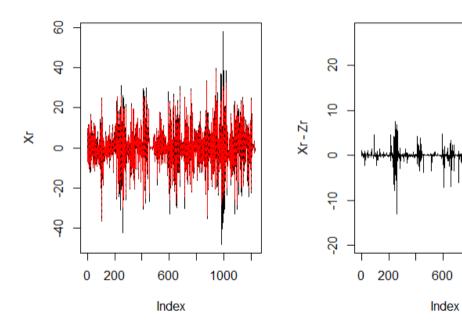
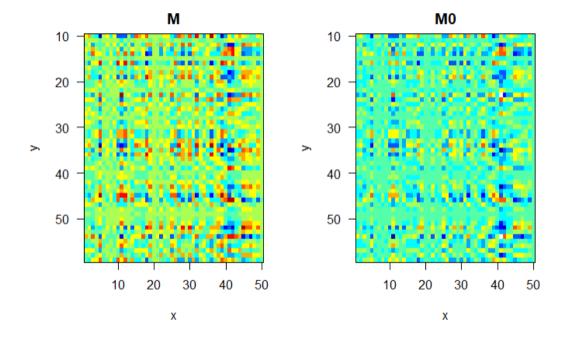
Homework 5 July 27th, 2021

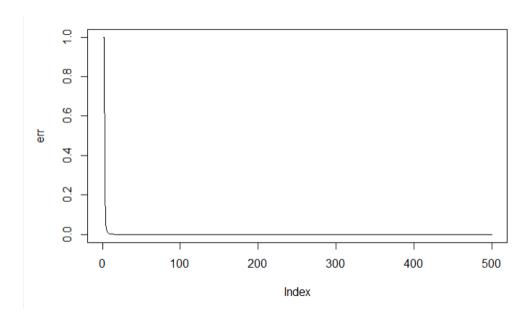
1000

3.

Provided are the results of matrix completion:







We can see that our relative construction error yields to be extremely low = 0.19, meaning that our projected matrix closely resembles our original matrix, with the benefit of a much more reduced feature space / dimensionality.