READ ME

Group-3

The total execution time takes for **half an hour** because there are 8 graphs that are undergoing n number of simulations and also, we had taken the aging factor and priority function into the consideration.

Ensure every .m file and csv file should be in same folder.

To Execute the File:
matlab -nodesktop -r group3_simulation

Note:

Here we need to use in the CSX server.

In the parameters.csv we have columns names as

lambda, n, k_min, K_max, mu_a_1, mu_a_2, mu_a_3,mu_e_1, mu_e_2, mu_e_3. You can check will differently values in .csv file.

The CSX file will be shown as below if you want to try for different values please the values in that line only.

lambda,n,k_min,k_max,r,mu_a_1,mu_a_2,mu_a_3,mu_e_1,mu_e_2, mu_e_3
0.01,100,5,30,0.016,0.1,0.25,0.5,0.5,0.75,1.0

Every .m file must in CSX server along with parameters.csv when the group3_simulation file is executed.

Each Individual graph for each simulation will be generated as separate PDF.

It may take bit more time because we are running 8 simulations at one go.

Note: All the resultant pdfs will be generated in CSX we need to drag or copy all that generated graphs pdfs to the local to see the output correctly.

Below are the PDFs filenames which will be generated once the single MATLAB file is executed(group3_simulation).

1. gammavsk.pdf
2. gvskprop.pdf
3. lqvsk.pdf
4. lqvskprop.pdf
5. wvskprop.pdf
6. wvsk.pdf
7. wqvsk.pdf
8. wqvskprop.pdf