Instructions for running the figures

Figure 1A2: python3 ins_Fig1A2.py
Figure 1B: python3 ins_Fig1B.py
Figure 3: python3 ins_Fig3.py
Figure 4B: python3 ins_Fig4B.py
Figure 5BC: python3 ins_Fig5BC.py
Figure 6: python3 ins_Fig6.py
Figure 7:
For running the simulations: python3 ins_run_sims_Fig7.py # (# here is the number of connectivity matrix, goes from 0 to 29). You will need to change the parameter "gsin" and "fsin" to the desired values
For creating the figure 7A: python3 ins_Fig7A.py
For creating the figure 7BC: python3 ins_Fig7BC.py
Figure 8:
For creating the figure 8A: python3 ins_Fig8A.py
For running the simulations for figure 8B: python3 ins_run_sims_Fig8B.py
For creating the figure 8B: Run in R the script plot_rose.R
For creating the figure 8C: python3 ins_Fig8C.py
Figure S1: python3 ins_FigS1.py
Figure S2: python3 ins_FigS2.py
Figure S3: python3 ins_FigS3.py
Figure S4:
For running the simulations: python3 ins_run_sims_FigS4.py # (# here is the number of connectivity matrix, goes from 0 to 29).
For creating the figure S4: python3 ins_FigS4.py
Figure S5:
For running the simulations: python3 ins_run_sims_FigS5.py # (# here is the number of connectivity matrix, goes from 0 to 29).
For creating the figure S5: python3 ins_FigS5.py