*Instruction for use*

The code provides the required scripts to regenerate the simulations shown in Figures. Each script’s name contains the related Figure name. To simulate the plots shown in Figures simply run the related script. Expected run time for the scripts is less than one minute on a normal computer (4 CPUs, 8GB RAM, Windows 10). The experimental dataset is provided as

*Software*   
For model’s simulations we used MATLAB 2022a with MEX compiler.

*Systems requirement*

4 CPUs, 8GB RAM, Windows 10

*Installation guide*

To install MATLAB 2022a and MEX compiler please see https://www.mathworks.com/help/install/install-products.html