LA model

Data\_fitting.m shows the full data over the time.

LA\_fit.m fits the LA model with the experimented data and find optimum parameters that fits LA model using MATLAB packages “Multistart” and “fmincon”.

model\_simulation.m solves LA model using best parameters found in LA\_fit.m and shows the convergence towards equilibrium.

delay\_eqn\_b.m solves LA model for different initial values of and for other parameters, it uses best parameter found in LA\_fit.m.

delay\_eqn\_aa.m solves the LA model for different initial values of and uses the best parameter found in LA\_fit.m.