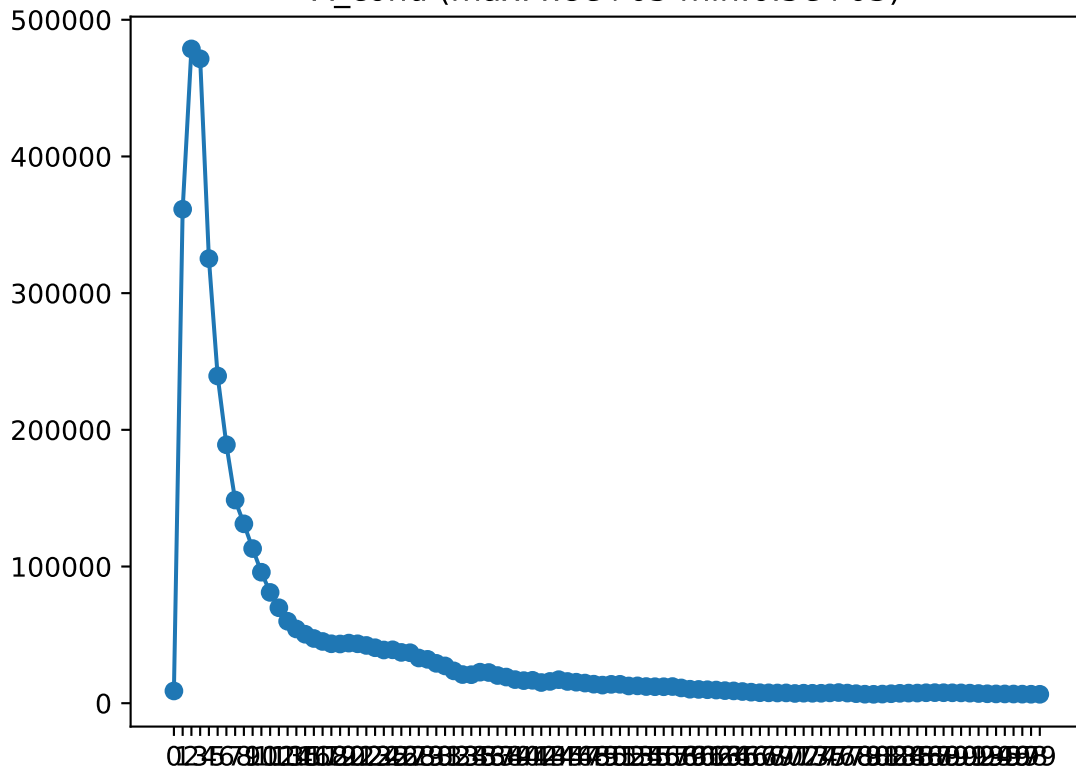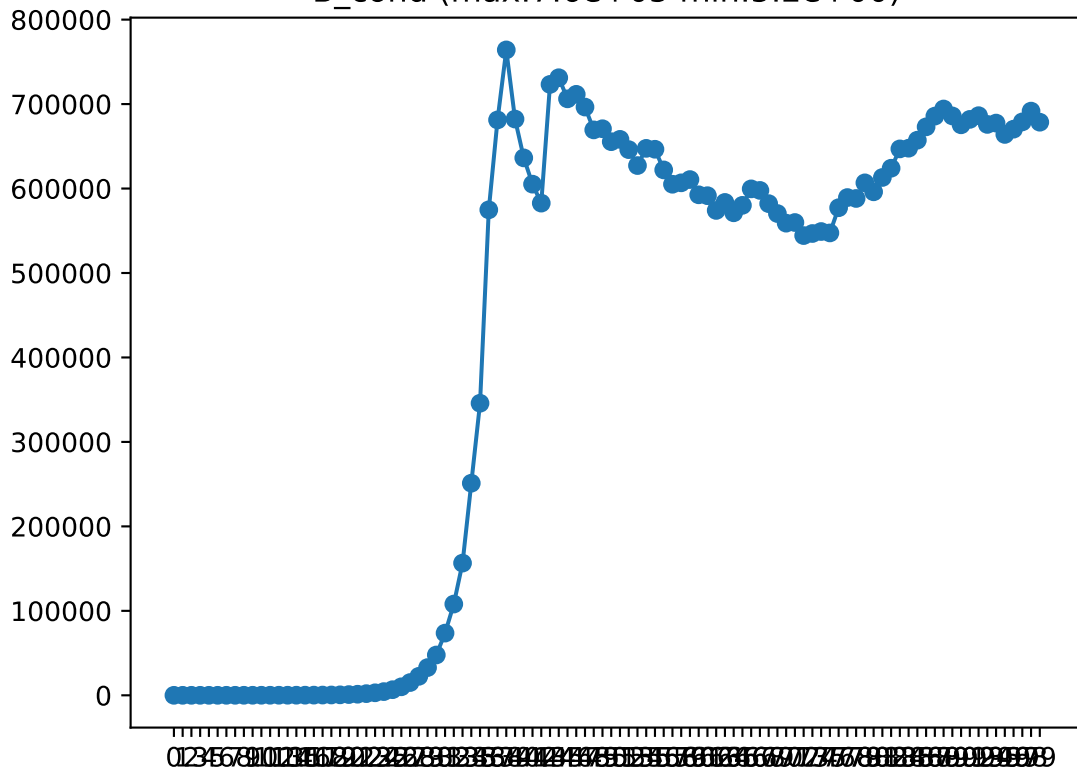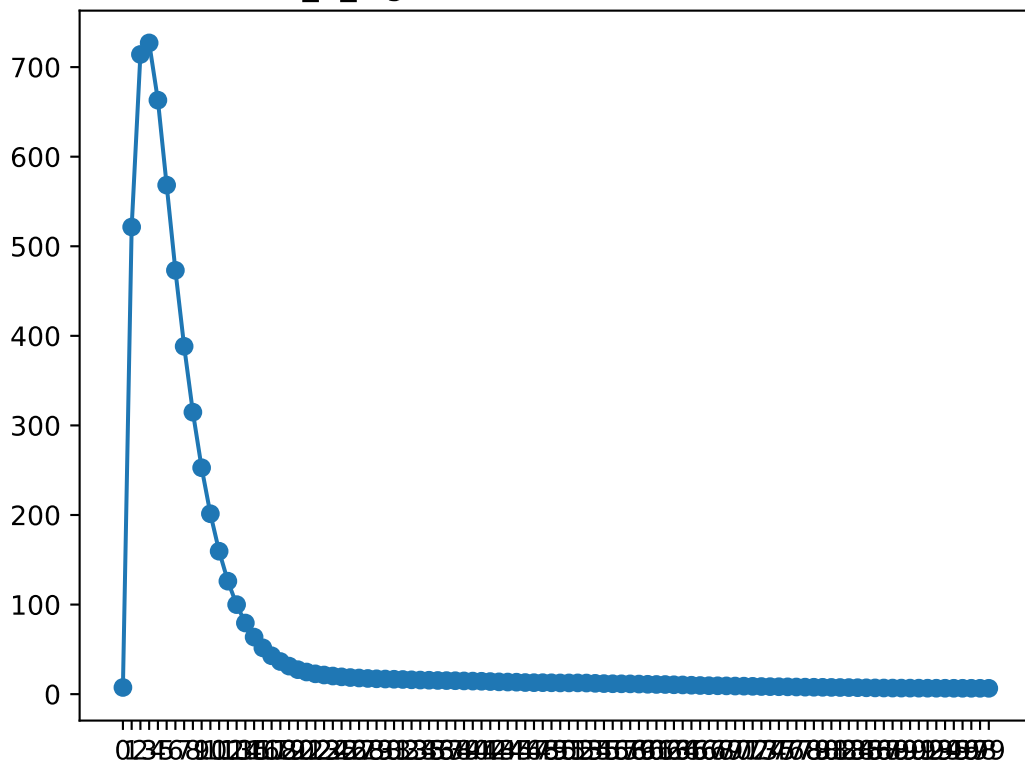A_cond (max:4.8e+05 min:6.5e+03)

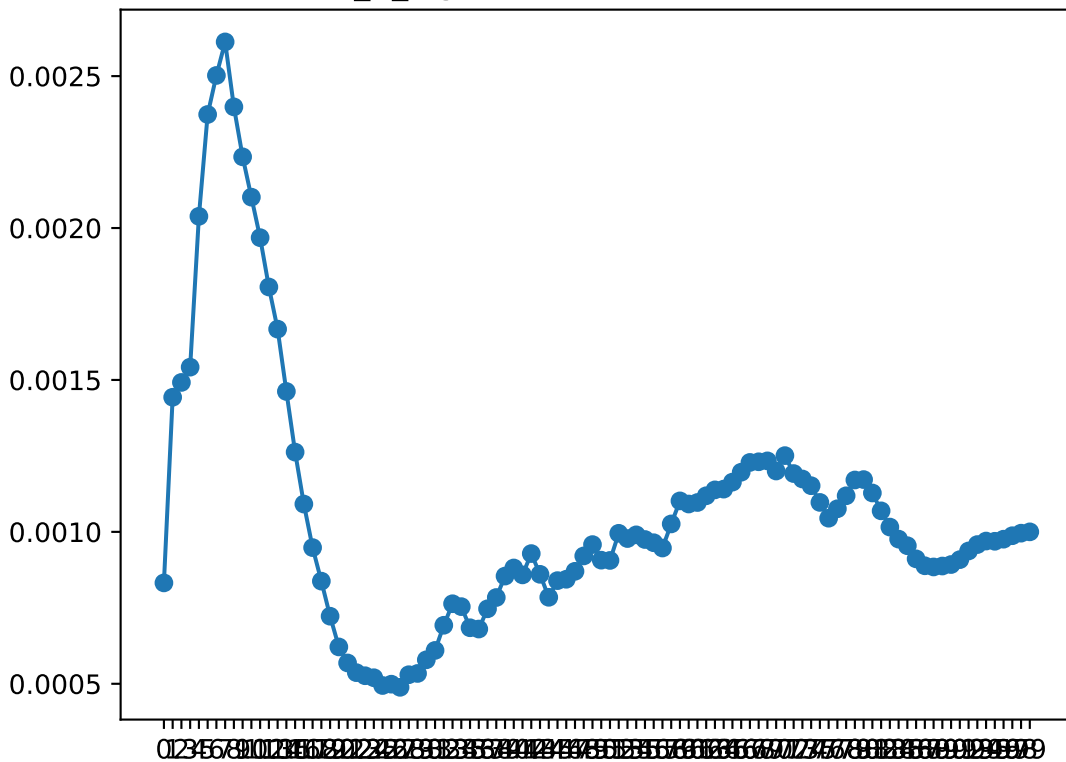B_cond (max:7.6e+05 min:5.2e+00)

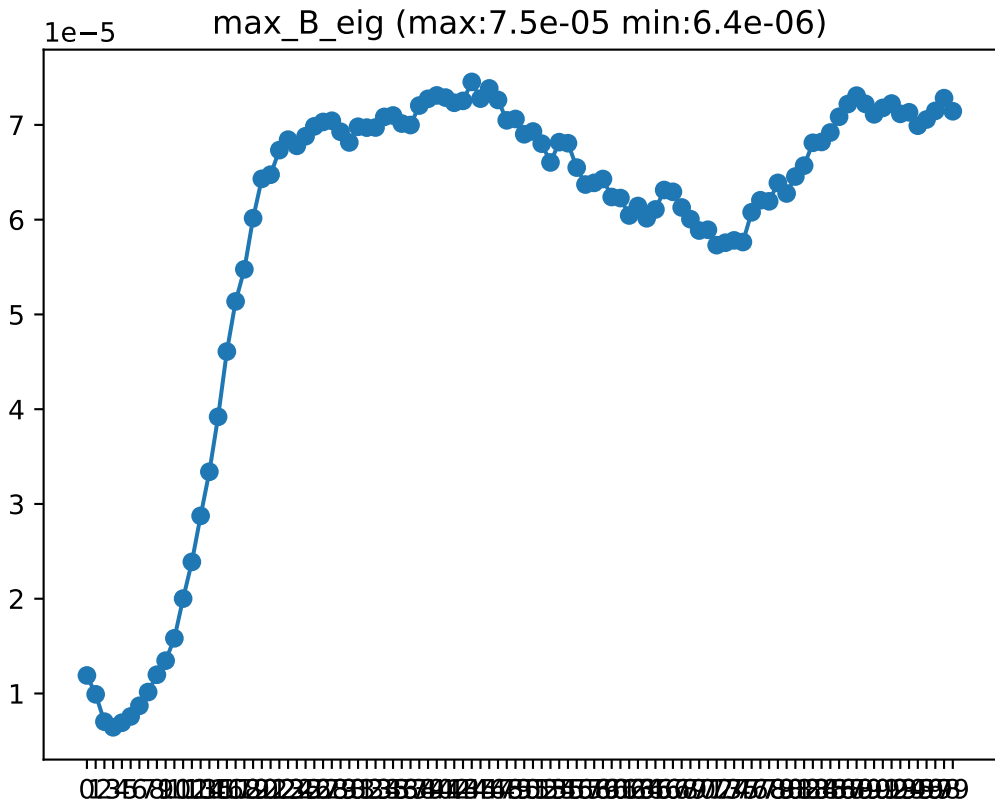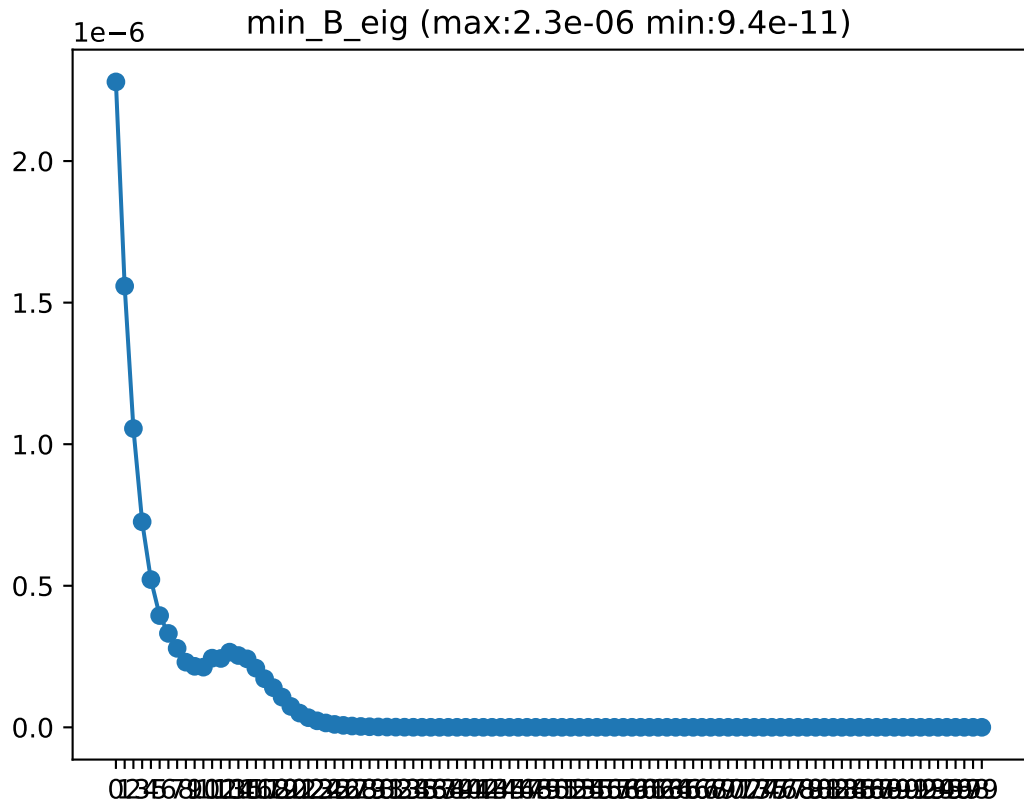max_A_eig (max:7.3e+02 min:6.5e+00)

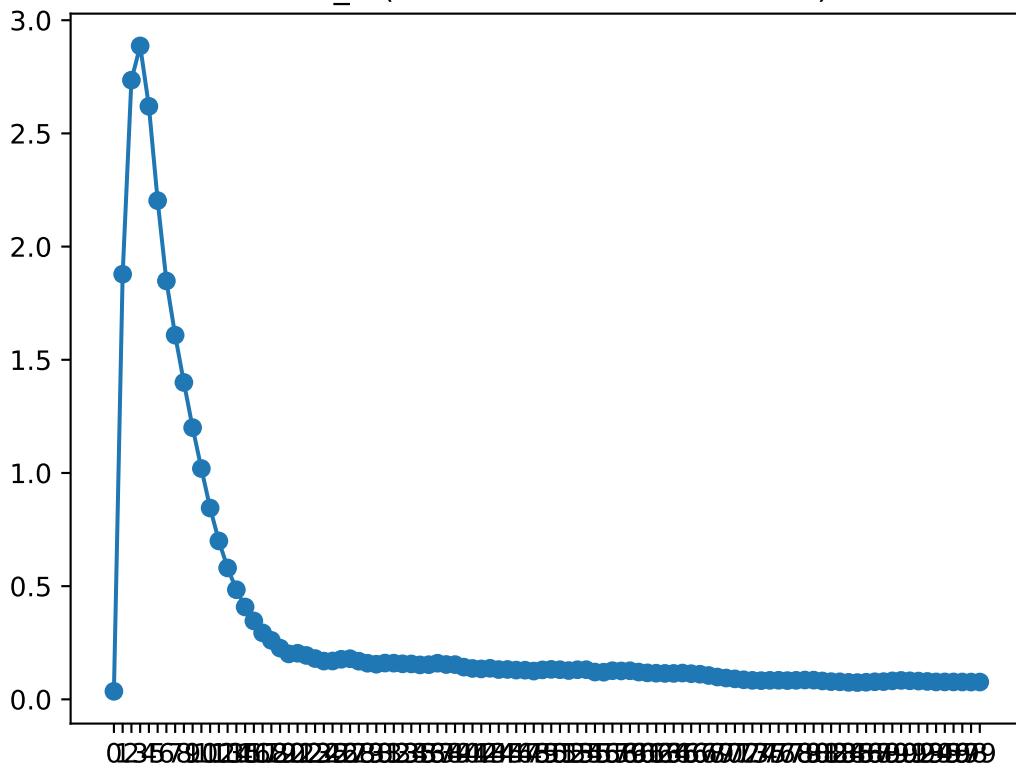min_A_eig (max:2.6e-03 min:4.9e-04)

max_B_eig (max:7.5e-05 min:6.4e-06)

min_B_eig (max:2.3e-06 min:9.4e-11)

max_A (max:2.9e+00 min:3.5e-02)

min_A (max:3.8e-02 min:3.8e-04)

max_B (max:3.2e-05 min:1.8e-06)

min_B (max:-1.9e-07 min:-3.9e-06)