A_cond (max:1.5e+10 min:1.4e+04)
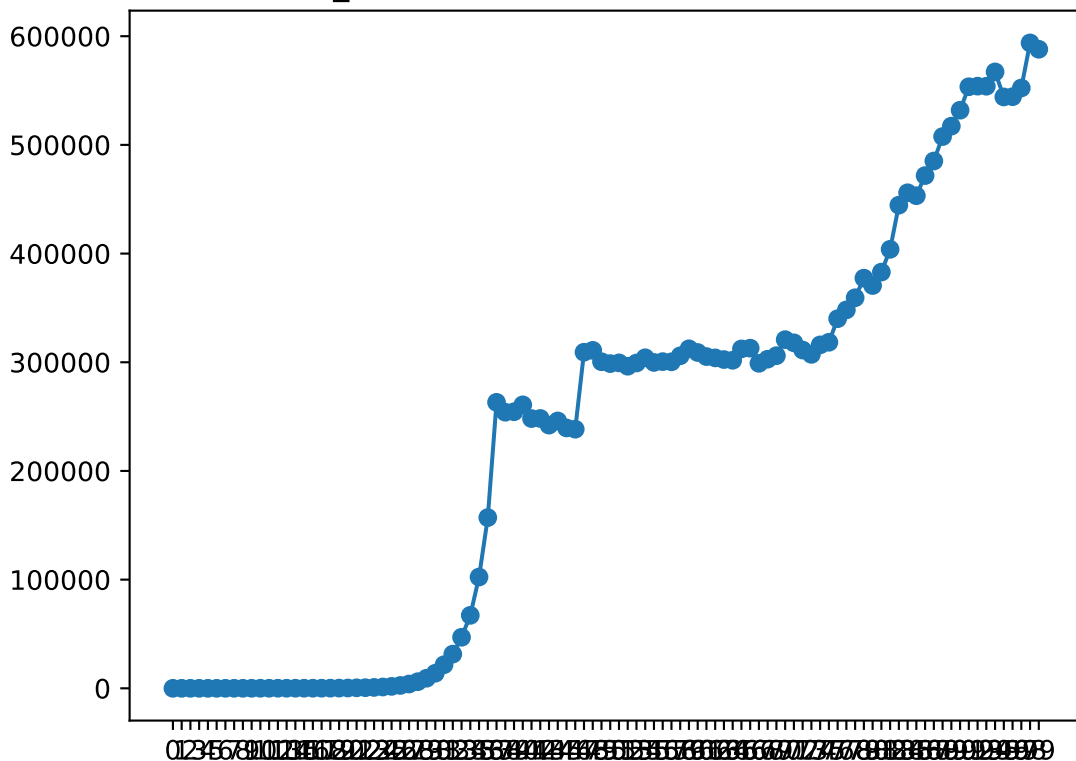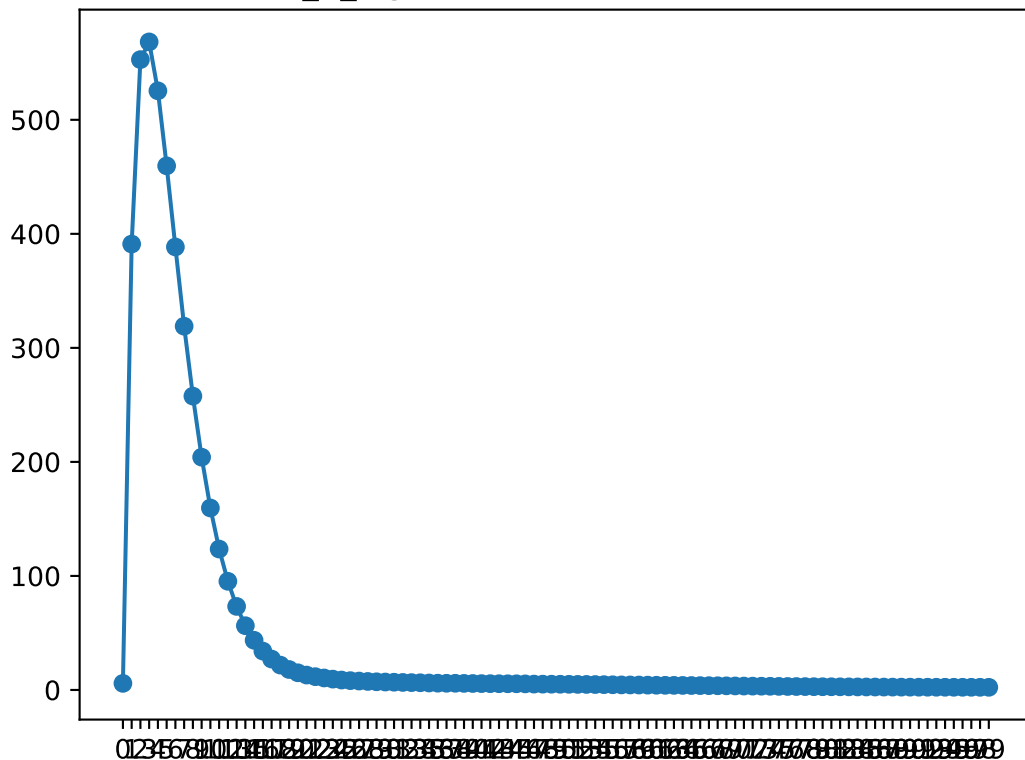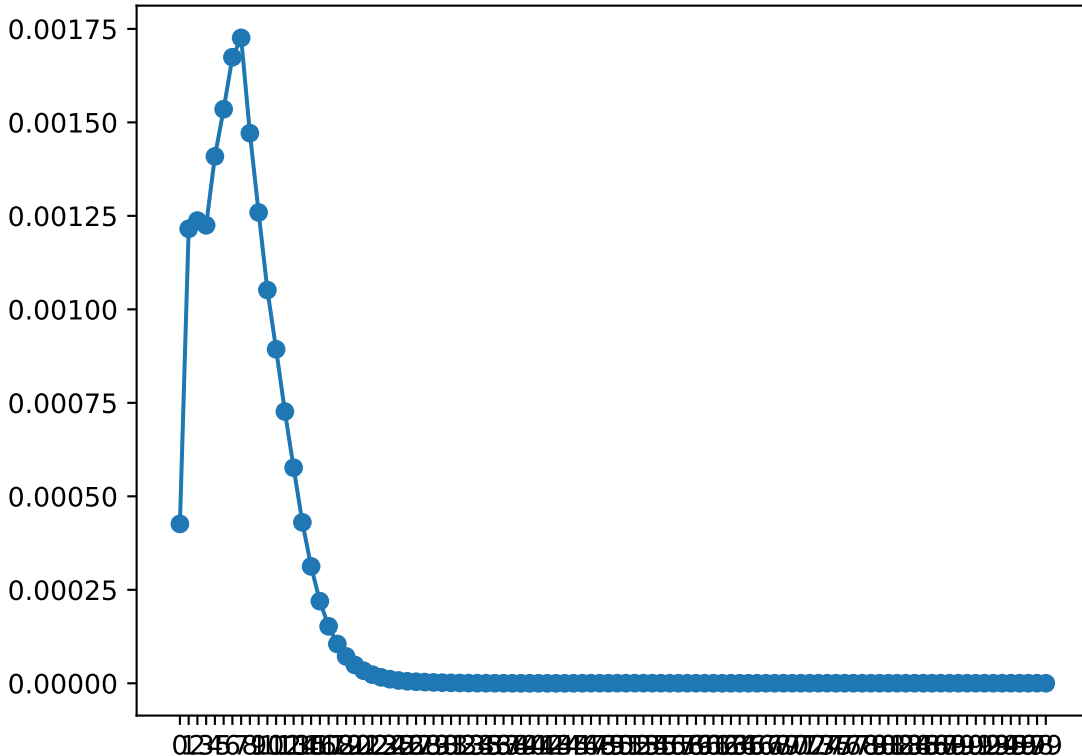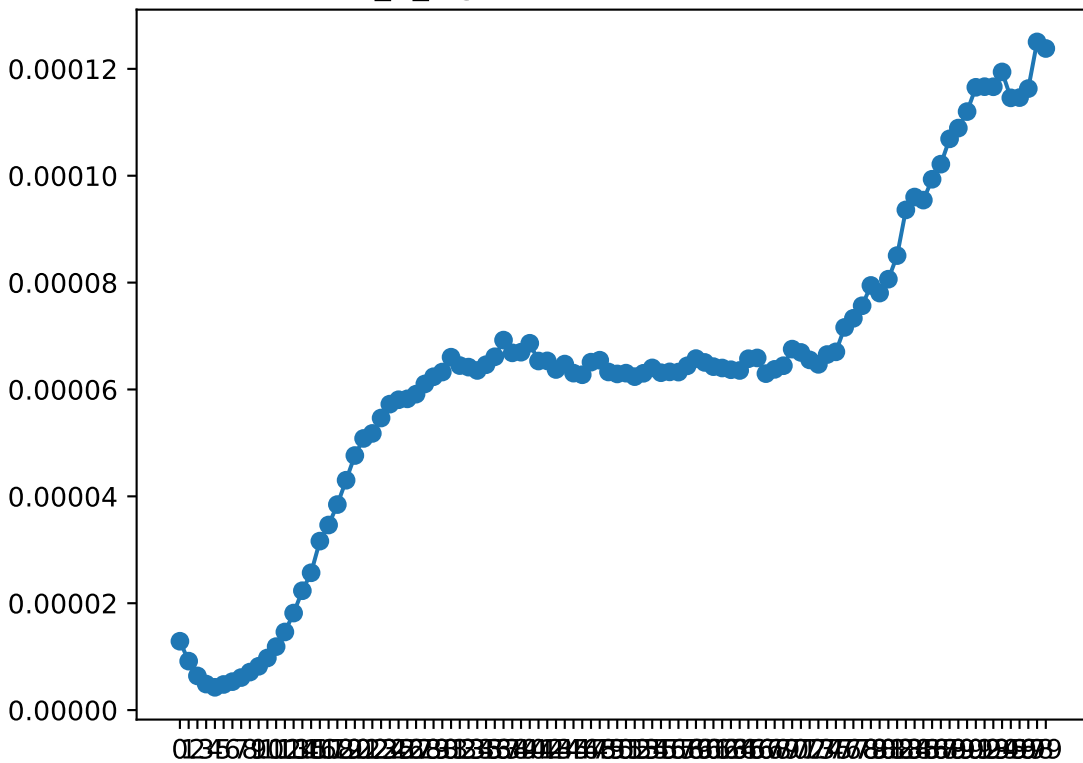
B_cond (max:5.9e+05 min:6.2e+00)

max_A_eig (max:5.7e+02 min:2.3e+00)

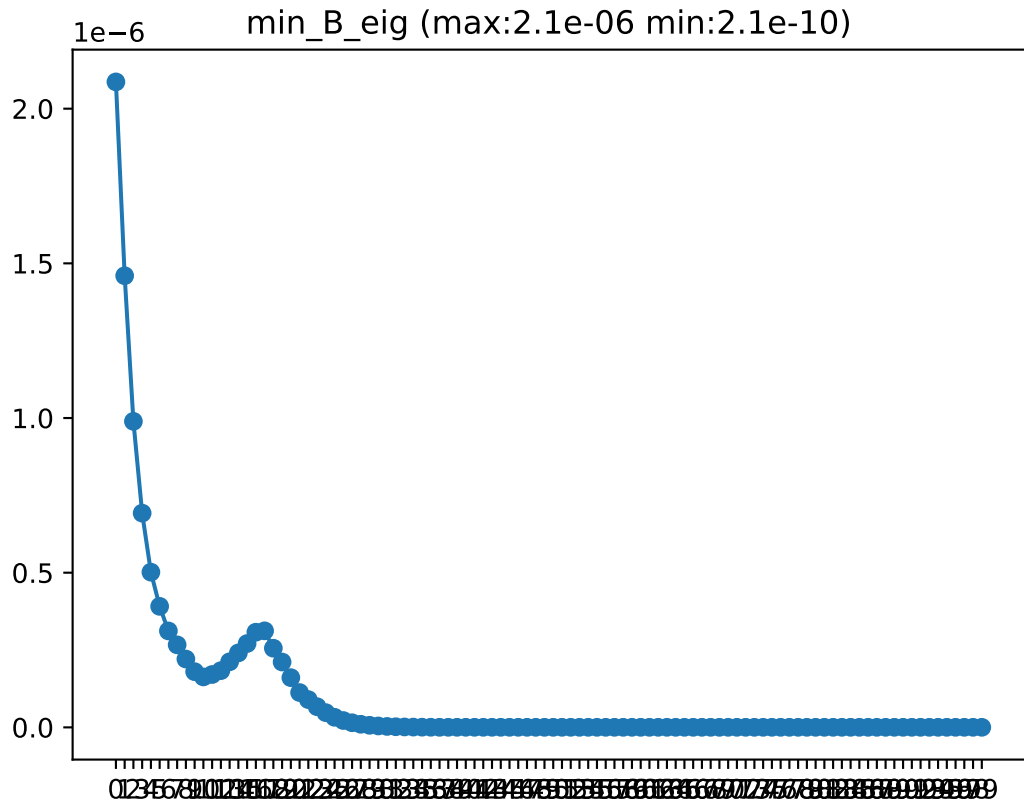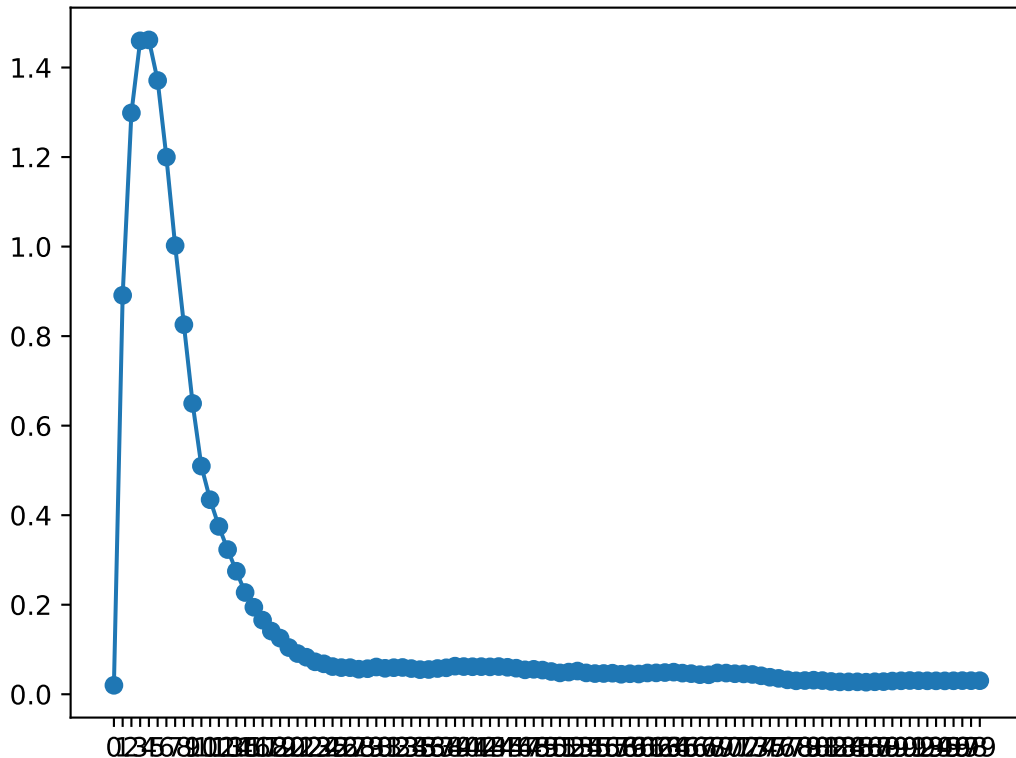min_A_eig (max:1.7e-03 min:3.7e-10)

max_B_eig (max:1.3e-04 min:4.3e-06)

min_B_eig (max:2.1e-06 min:2.1e-10)

max_A (max:1.5e+00 min:2.0e-02)

min_A (max:1.2e-02 min:1.9e-18)

max_B (max:6.6e-05 min:1.5e-06)

min_B (max:-1.5e-07 min:-7.2e-06)