A_cond (max:1.7e+09 min:1.6e+04)
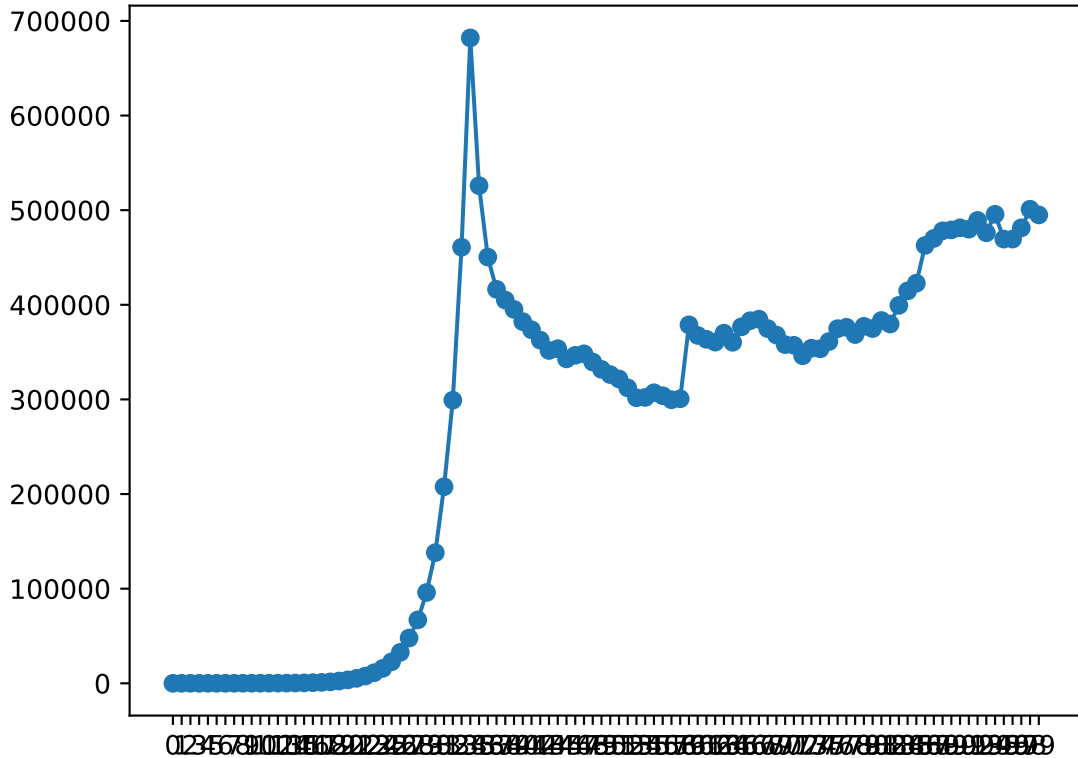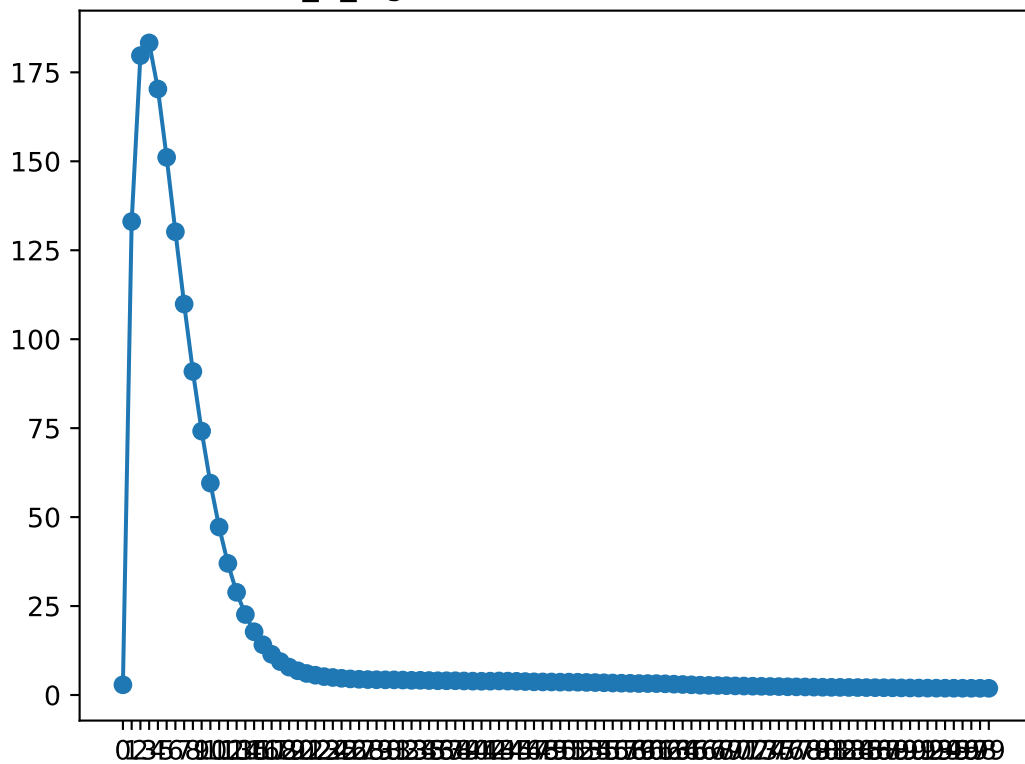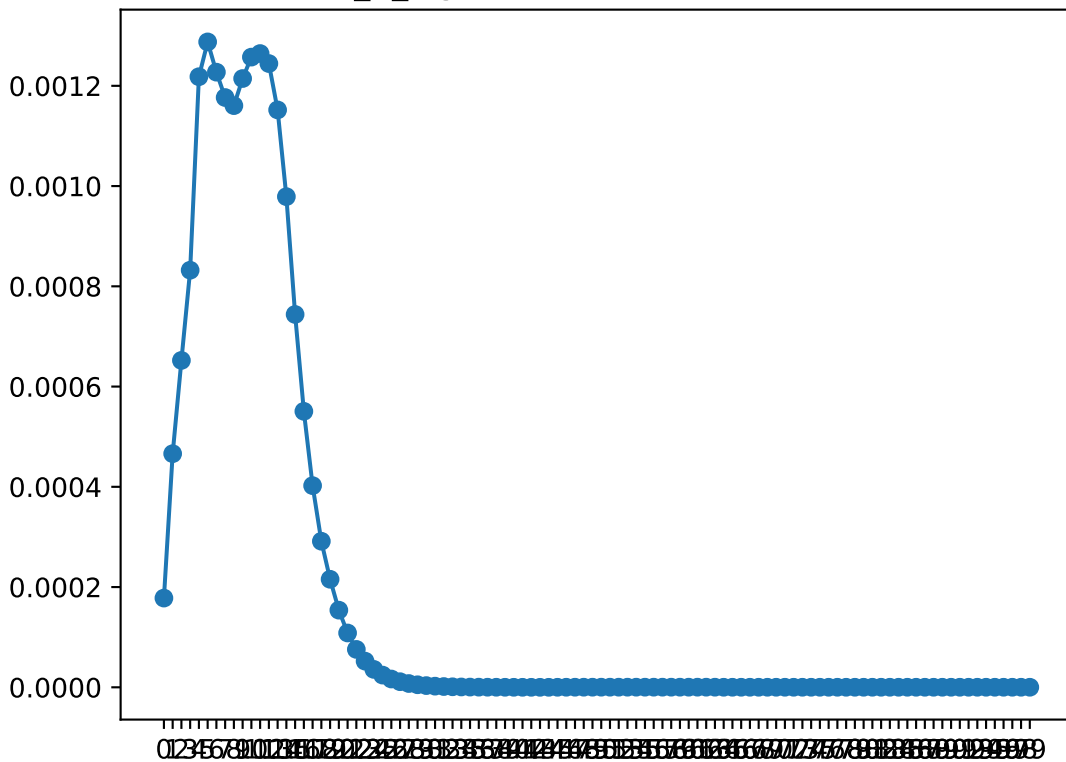
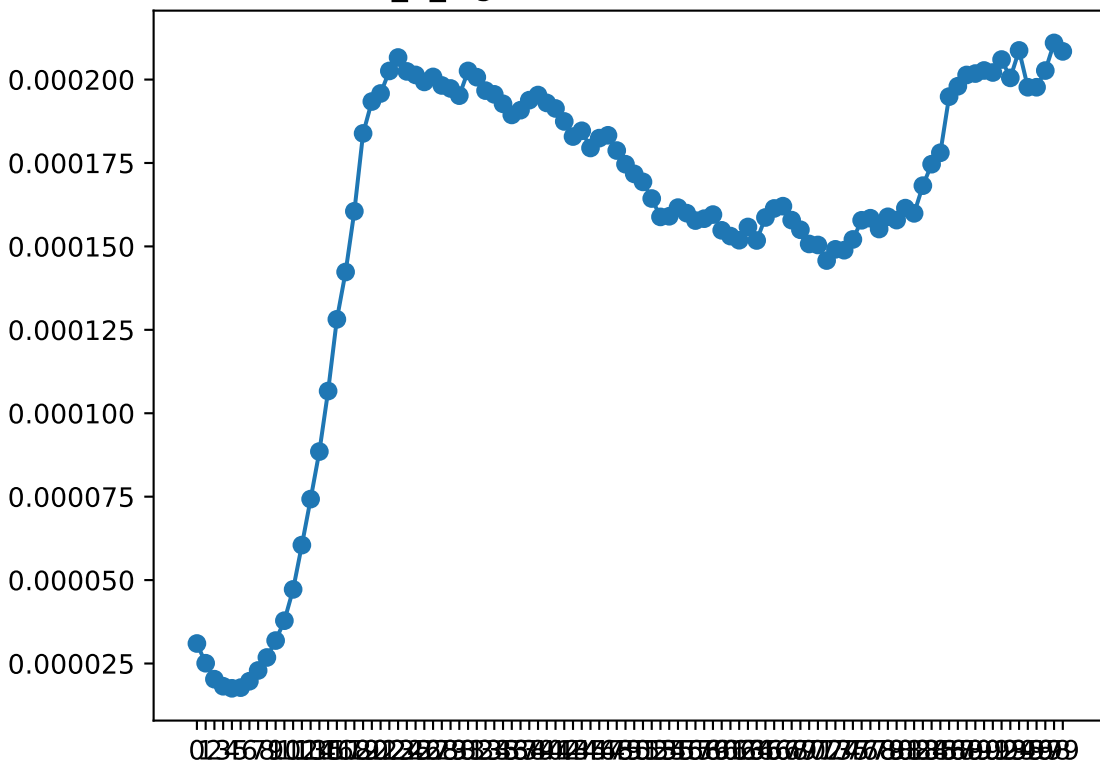B_cond (max:6.8e+05 min:4.9e+00)

max_A_eig (max:1.8e+02 min:1.9e+00)

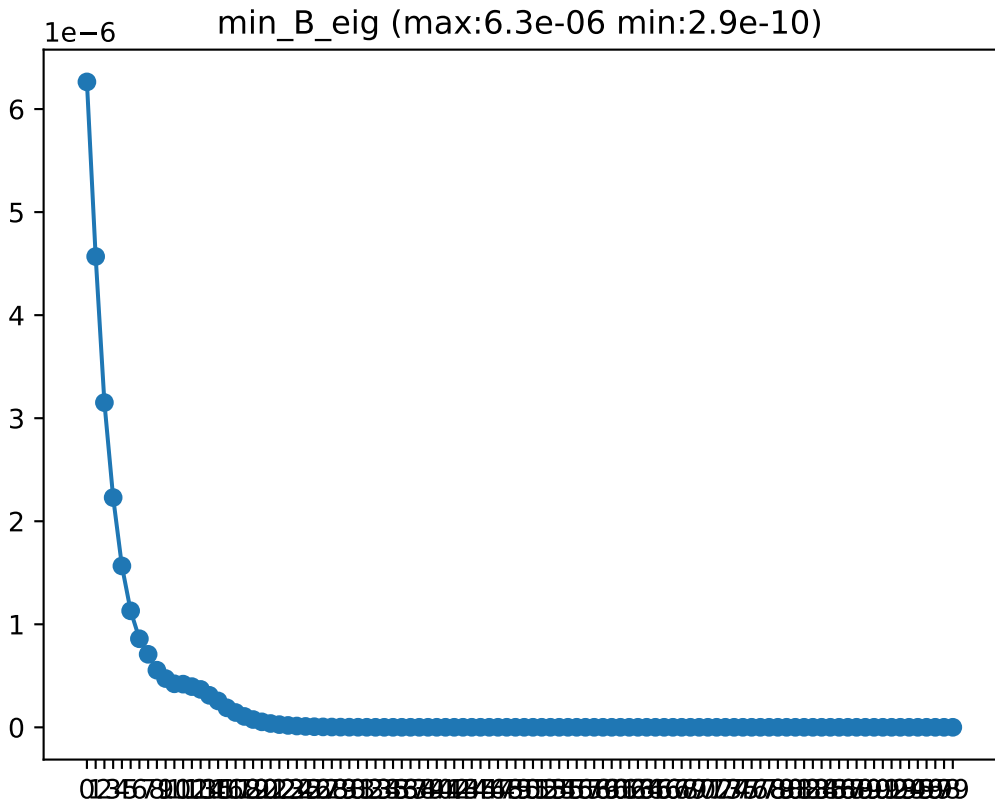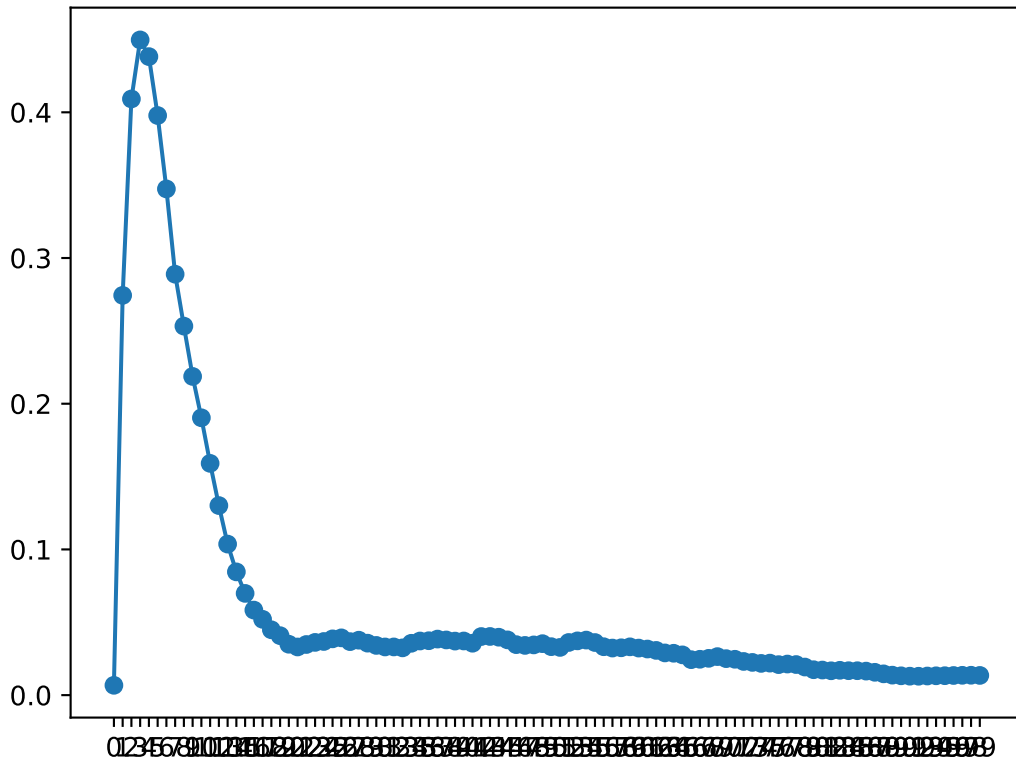min_A_eig (max:1.3e-03 min:2.4e-09)

max_B_eig (max:2.1e-04 min:1.8e-05)

min_B_eig (max:6.3e-06 min:2.9e-10)

max_A (max:4.5e-01 min:6.7e-03)

min_A (max:4.7e-03 min:1.6e-18)

max_B (max:9.3e-05 min:5.0e-06)

min_B (max:-5.1e-07 min:-1.2e-05)