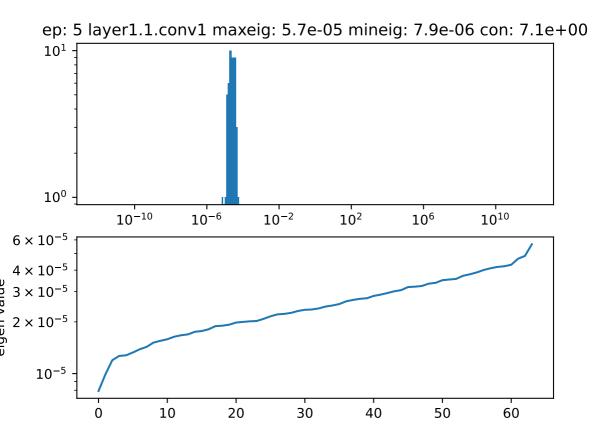


ep: 5 layer1.0.conv2 maxeig: 3.0e-04 mineig: 3.0e-05 con: 9.9e+00 10^{1} 10⁰ 10¹⁰ 10² 10-10 10^{-6} 10-2 10⁶ 10^{-4} 10 20 50 60 30 40

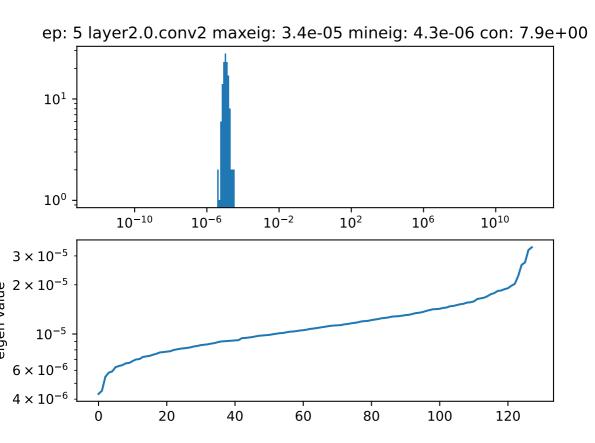
eigen value



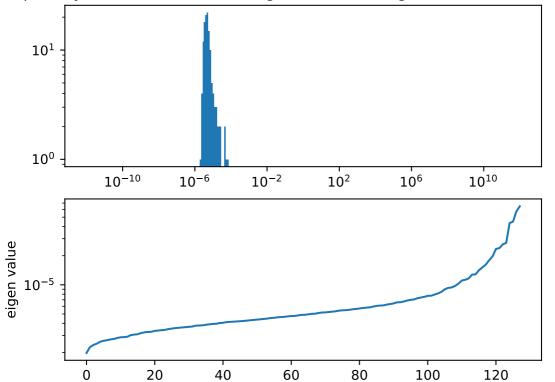
ep: 5 layer1.1.conv2 maxeig: 1.0e-04 mineig: 8.7e-06 con: 1.1e+01 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} 10^{-5} 10 50 60 20 30 40

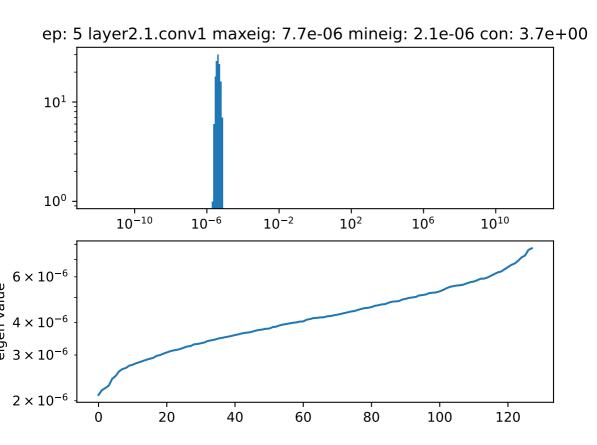
eigen value

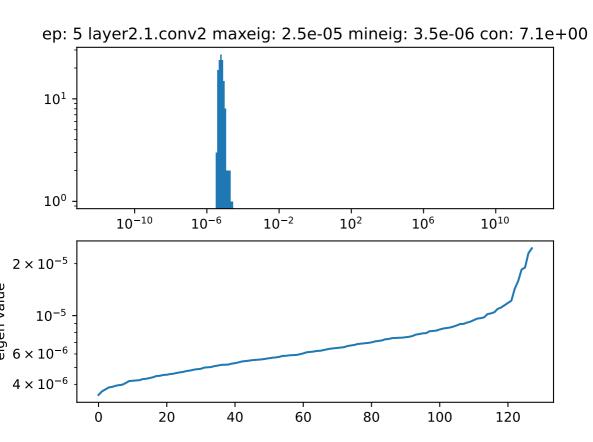
ep: 5 layer2.0.conv1 maxeig: 2.6e-05 mineig: 2.2e-06 con: 1.2e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} eigen value 20 60 100 40 80 120



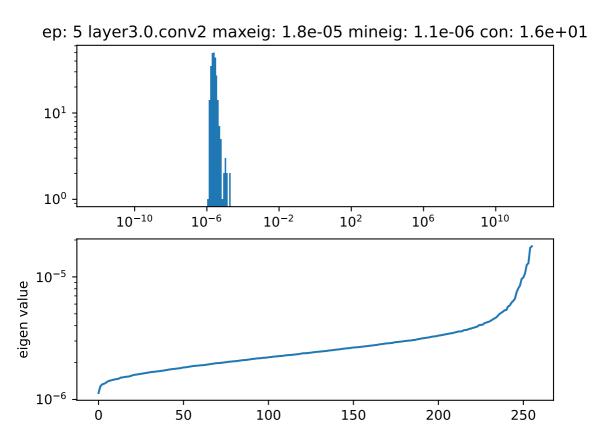
ep: 5 layer2.0.shortcut.0 maxeig: 6.5e-05 mineig: 2.0e-06 con: 3.3e+01







ep: 5 layer3.0.conv1 maxeig: 7.6e-06 mineig: 3.9e-07 con: 1.9e+01 10¹ 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10^{-2} 10⁶ eigen value 10⁻⁶ 250 50 100 150 200



ep: 5 layer3.0.shortcut.0 maxeig: 2.7e-05 mineig: 3.2e-07 con: 8.3e+01 10^{1} 10⁰ 10 10 10² 10-10 10^{-2} 10⁶ 10^{-6} eigen value 10⁻⁵

100

150

200

50

250

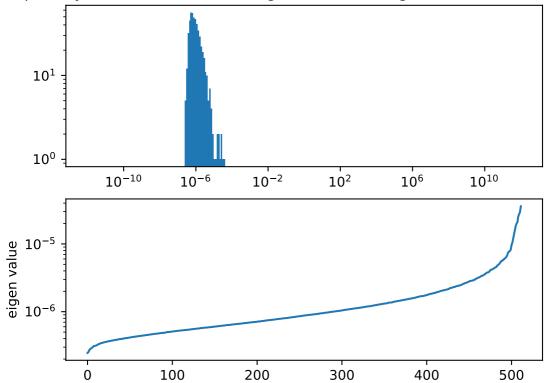
ep: 5 layer3.1.conv1 maxeig: 4.8e-06 mineig: 3.9e-07 con: 1.2e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-2} 10⁶ 10^{-6} eigen value 250 50 100 150 200

ep: 5 layer3.1.conv2 maxeig: 2.2e-05 mineig: 7.3e-07 con: 3.0e+01 10^{1} 10⁰ 10 10 10⁻¹⁰ 10^{-2} 10² 10⁶ 10^{-6} eigen value 10^{-6} 250 50 100 150 200

ep: 5 layer4.0.conv1 maxeig: 1.4e-05 mineig: 7.4e-08 con: 1.9e+02 10^{1} 10⁰ 10 10 10-10 10^{-2} 10² 10⁶ 10^{-6} 10^{-5} eigen value 10^{-6} 10^{-7} 100 500 200 300 400

ep: 5 layer4.0.conv2 maxeig: 3.2e-05 mineig: 4.3e-07 con: 7.4e+01 10^{1} 10⁰ 10 10 10² 10⁻¹⁰ 10^{-2} 10⁶ 10^{-6} 10^{-5} eigen value 10^{-6} 100 500 200 300 400

ep: 5 layer4.0.shortcut.0 maxeig: 3.6e-05 mineig: 2.5e-07 con: 1.5e+02



ep: 5 layer4.1.conv1 maxeig: 4.2e-05 mineig: 1.2e-07 con: 3.5e+02 10^{1} 10⁰ 10 10 10-10 10² 10⁶ 10^{-6} 10^{-2} eigen value 10⁻⁶ 10^{-7} 100 500 200 300 400

ep: 5 layer4.1.conv2 maxeig: 1.3e-04 mineig: 1.7e-07 con: 7.6e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10^{-2} 10⁶ 10^{-4} eigen value 10⁻⁵ 10⁻⁵ 100 500 200 300 400

