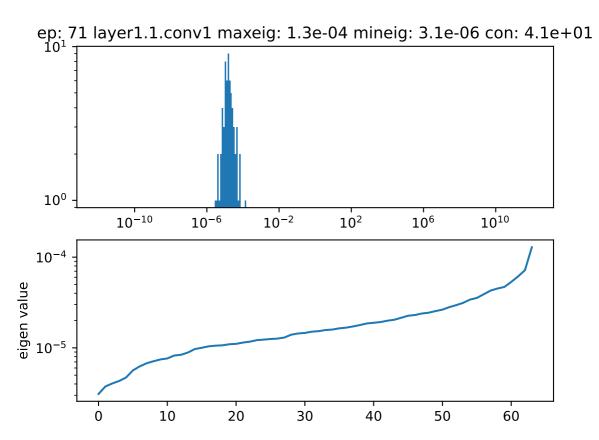
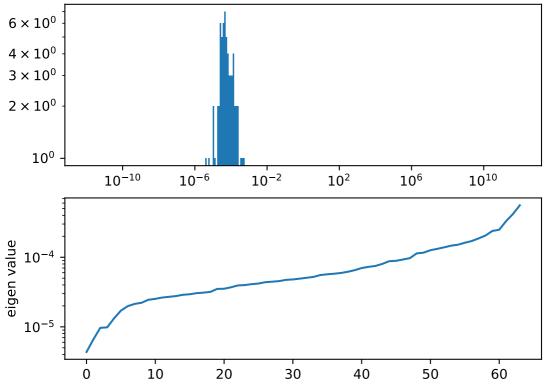


ep: 71 layer1.0.conv1 maxeig: 3.7e-03 mineig: 9.6e-06 con: 3.9e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10^{-10} 10² 10⁶ 10^{-6} 10^{-2} eigen value 10⁻³ 10⁻⁵ 50 60 10 20 30 40

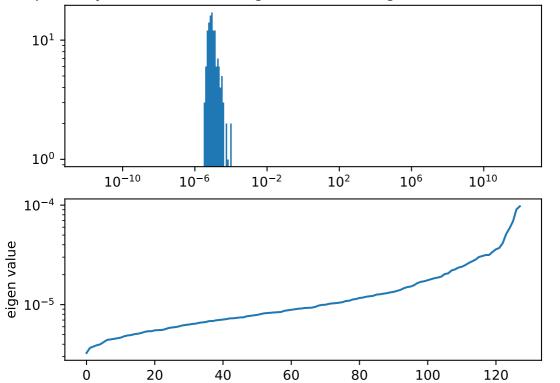
ep: 71 layer1.0.conv2 maxeig: 5.3e-04 mineig: 9.9e-06 con: 5.3e+01 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10-10 10^{-6} 10-2 10² 10⁶ eigen value 10^{-4} 10⁻⁵ 50 60 10 20 30 40



ep: 71 layer1.1.conv2 maxeig: 5.6e-04 mineig: 4.4e-06 con: 1.3e+02

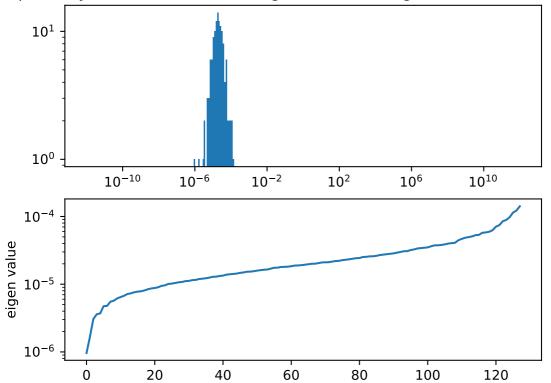


ep: 71 layer2.0.conv1 maxeig: 9.7e-05 mineig: 3.3e-06 con: 3.0e+01



ep: 71 layer2.0.conv2 maxeig: 1.4e-04 mineig: 7.9e-07 con: 1.8e+02 10^{1} 10⁰ 10¹⁰ 10² 10-10 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁵ 10^{-6} 20 60 100 120 40 80

ep: 71 layer2.0.shortcut.0 maxeig: 1.4e-04 mineig: 9.7e-07 con: 1.5e+02



ep: 71 layer2.1.conv1 maxeig: 3.0e-05 mineig: 1.6e-06 con: 1.9e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10-2 10⁶ eigen value

60

100

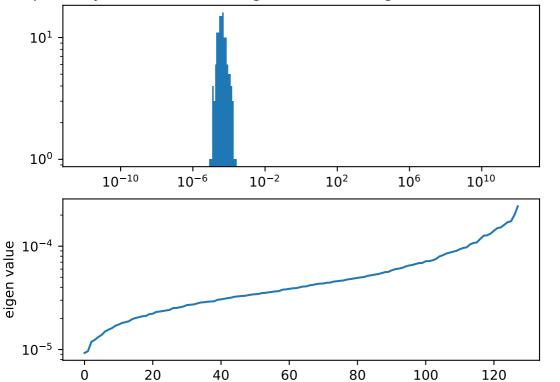
80

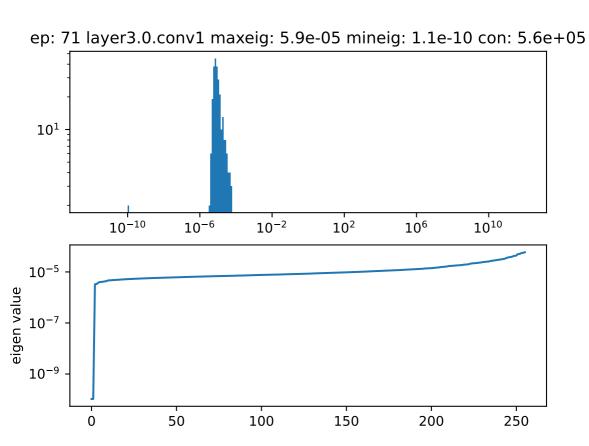
120

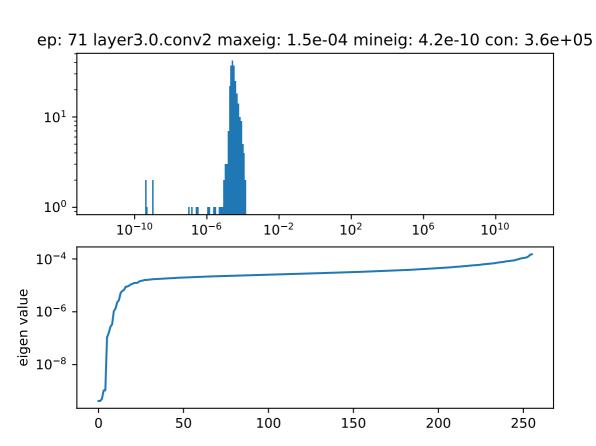
20

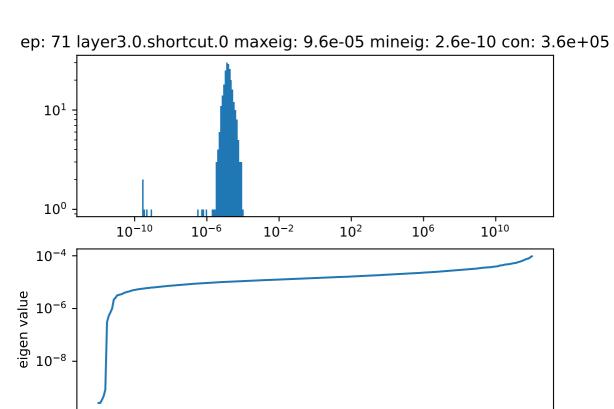
40

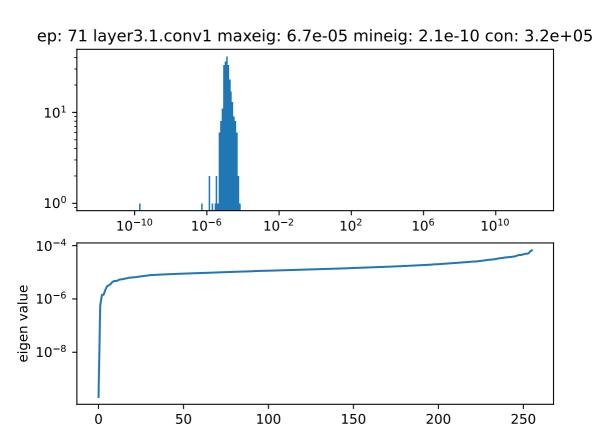
ep: 71 layer2.1.conv2 maxeig: 2.4e-04 mineig: 9.3e-06 con: 2.6e+01









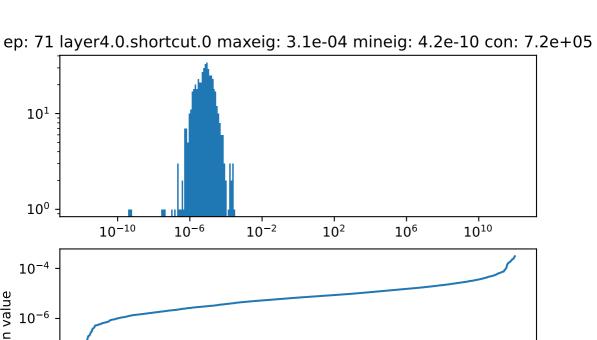


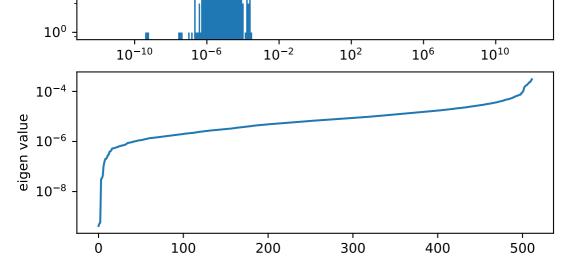
ep: 71 layer3.1.conv2 maxeig: 3.4e-04 mineig: 3.8e-06 con: 9.0e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁵ 250 50 100 150 200

ep: 71 layer4.0.conv1 maxeig: 1.6e-04 mineig: 8.5e-07 con: 1.9e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁵ 10^{-6} 100 500 200 300 400

ep: 71 layer4.0.conv2 maxeig: 4.0e-04 mineig: 1.1e-09 con: 3.8e+05 10^{1} 10⁰ 10 10 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} 10^{-6} 10-8 100 500 200 300 400

eigen value





ep: 71 layer4.1.conv1 maxeig: 1.9e-04 mineig: 6.0e-11 con: 3.2e+06 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-5} 10^{-7} 10^{-9} 100 500 200 300 400

eigen value

ep: 71 layer4.1.conv2 maxeig: 1.2e-03 mineig: 1.1e-09 con: 1.1e+06 10¹ 10⁰ 10¹⁰ 10^{-10} 10^{-6} 10-2 10² 10⁶ 10^{-4} eigen value 10^{-6} 10⁻⁸

200

300

400

500

100

