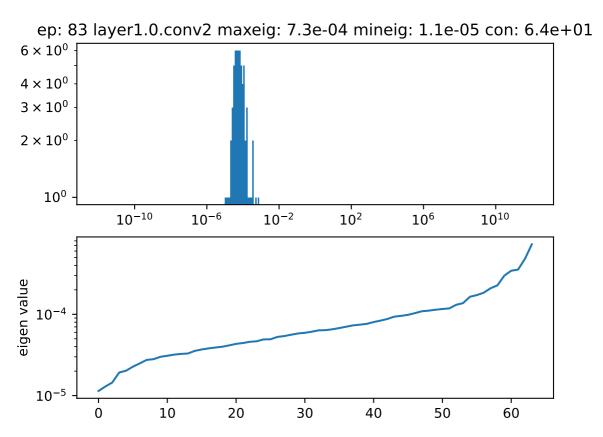
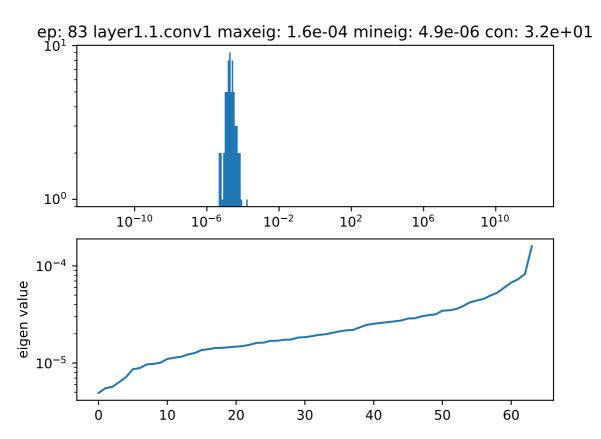
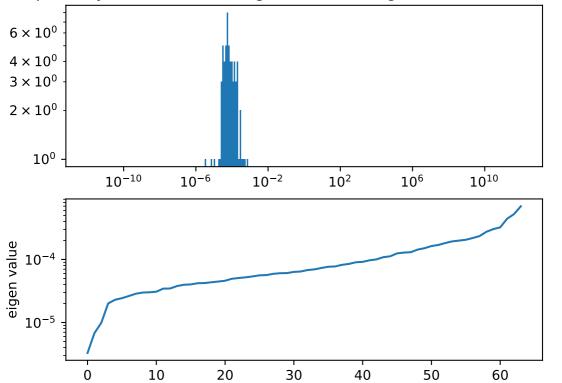


ep: 83 layer1.0.conv1 maxeig: 4.7e-03 mineig: 1.1e-05 con: 4.3e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ eigen value 10⁻³ 10⁻⁵ 50 60 10 20 30 40

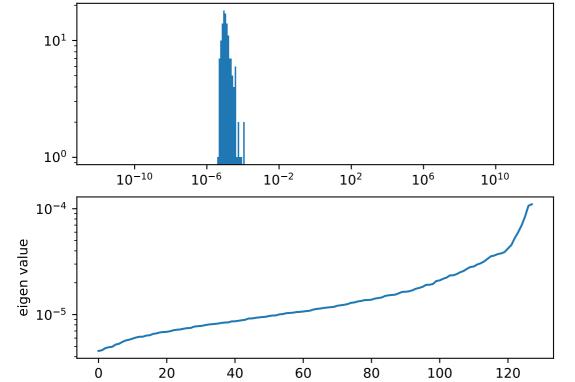




ep: 83 layer1.1.conv2 maxeig: 7.0e-04 mineig: 3.3e-06 con: 2.1e+02



ep: 83 layer2.0.conv1 maxeig: 1.1e-04 mineig: 4.5e-06 con: 2.4e+01 10^{1}

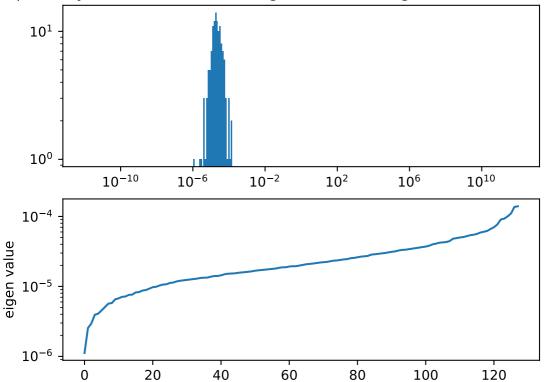


ep: 83 layer2.0.conv2 maxeig: 1.6e-04 mineig: 1.5e-06 con: 1.0e+02 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10-2 10⁶ 10^{-4} eigen value 20 60 100 120

80

40

ep: 83 layer2.0.shortcut.0 maxeig: 1.4e-04 mineig: 1.1e-06 con: 1.2e+02



ep: 83 layer2.1.conv1 maxeig: 3.7e-05 mineig: 2.2e-06 con: 1.7e+01 10^{1} 10⁰ 10¹⁰ 10² 10-10 10^{-6} 10-2 10⁶ 10⁻⁵

60

100

80

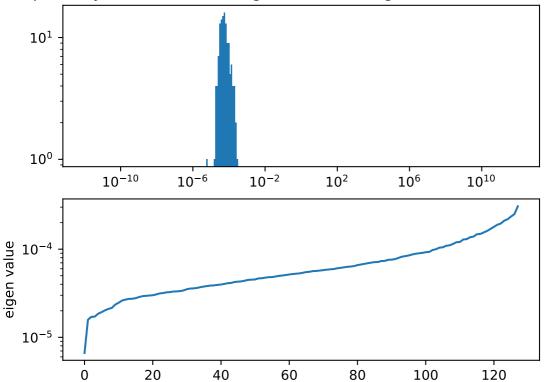
120

eigen value

20

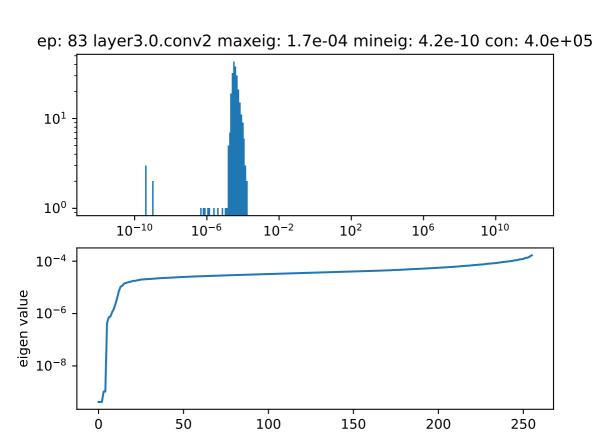
40

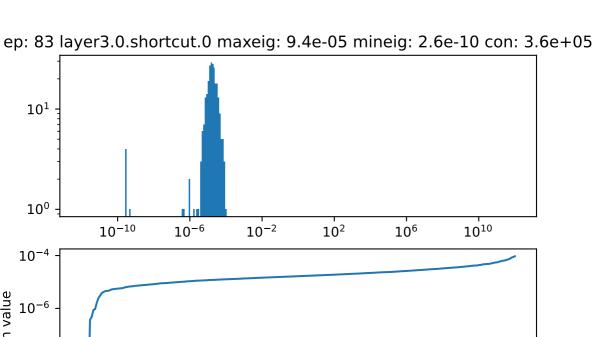
ep: 83 layer2.1.conv2 maxeig: 3.1e-04 mineig: 6.6e-06 con: 4.6e+01

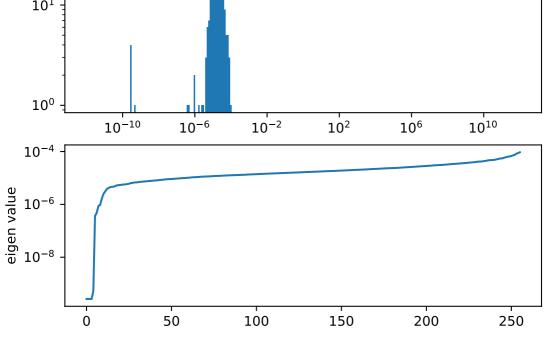


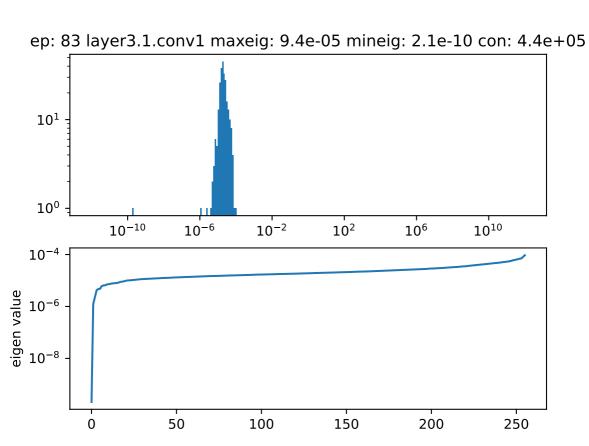
ep: 83 layer3.0.conv1 maxeig: 6.8e-05 mineig: 1.1e-10 con: 6.5e+05 10^{1} 10⁰ 1010 10^{-10} 10-2 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-9} 250 50 100 150 200

eigen value









ep: 83 layer3.1.conv2 maxeig: 4.9e-04 mineig: 5.8e-06 con: 8.5e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10-2 10⁶ 10^{-6} 10^{-4} 10⁻⁵ 250

100

150

200

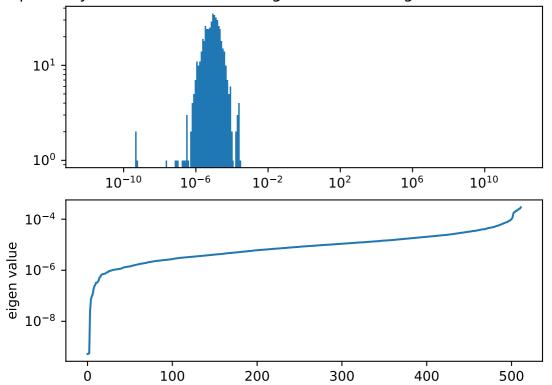
50

eigen value

ep: 83 layer4.0.conv1 maxeig: 1.8e-04 mineig: 1.2e-06 con: 1.5e+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: 83 layer4.0.conv2 maxeig: 5.4e-04 mineig: 8.4e-10 con: 6.5e+05 10¹ 10⁰ 10-10 1010 10^{-6} 10-2 10² 10⁶ 10^{-4} eigen value 10^{-6} 10-8 100 500 200 300 400





ep: 83 layer4.1.conv1 maxeig: 3.2e-04 mineig: 1.2e-12 con: 2.6e+08 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-5} 10^{-7} 10^{-9} 10^{-11} 100 400 500 200 300

eigen value

ep: 83 layer4.1.conv2 maxeig: 1.4e-03 mineig: 1.1e-09 con: 1.3e+06 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶

