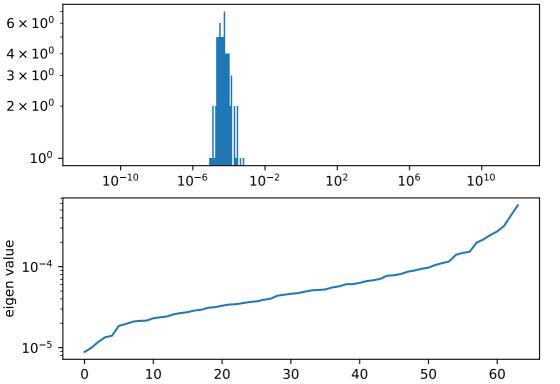
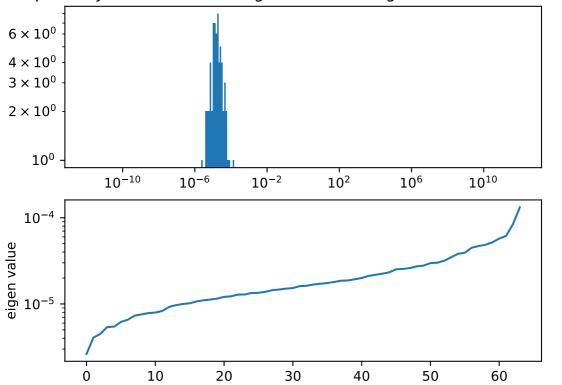


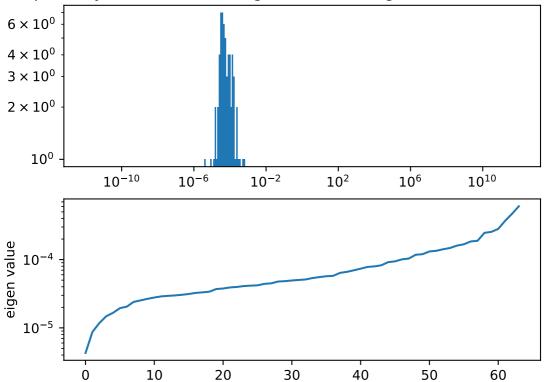
ep: 63 layer1.0.conv2 maxeig: 5.7e-04 mineig: 8.8e-06 con: 6.5e+01



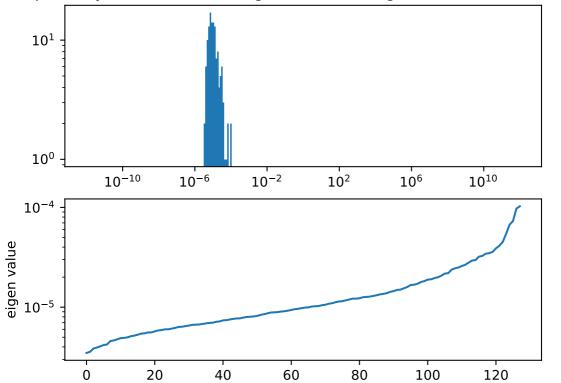
ep: 63 layer1.1.conv1 maxeig: 1.3e-04 mineig: 2.6e-06 con: 5.0e+01



ep: 63 layer1.1.conv2 maxeig: 6.0e-04 mineig: 4.3e-06 con: 1.4e+02



ep: 63 layer2.0.conv1 maxeig: 1.0e-04 mineig: 3.5e-06 con: 3.0e+01



ep: 63 layer2.0.conv2 maxeig: 1.6e-04 mineig: 3.0e-07 con: 5.3e+02 10^{1} 10⁰ 10 10 10² 10-10 10-2 10⁶ 10^{-6} 10^{-4} 10⁻⁵ 10^{-6}

60

80

20

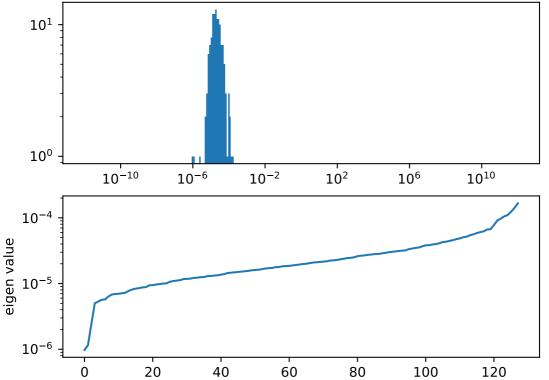
40

100

120

eigen value

ep: 63 layer2.0.shortcut.0 maxeig: 1.7e-04 mineig: 9.8e-07 con: 1.7e+02



ep: 63 layer2.1.conv1 maxeig: 3.3e-05 mineig: 1.4e-06 con: 2.3e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10^{-2} 10⁶ eigen value 10⁻⁵

60

100

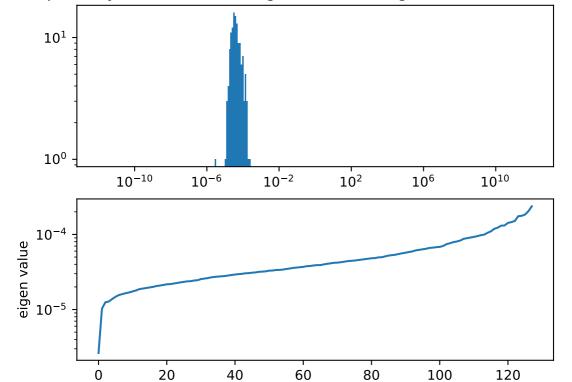
80

120

20

40

ep: 63 layer2.1.conv2 maxeig: 2.4e-04 mineig: 2.6e-06 con: 9.0e+01

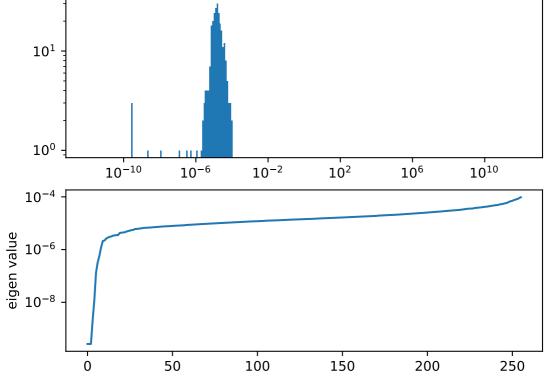


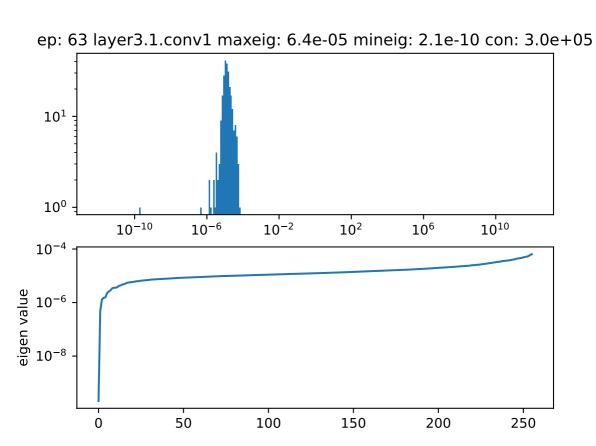
ep: 63 layer3.0.conv1 maxeig: 6.1e-05 mineig: 1.1e-10 con: 5.8e+05 10¹ 10⁰ 1010 10-10 10^{-2} 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-7} 10^{-9} 250 50 100 150 200

eigen value

ep: 63 layer3.0.conv2 maxeig: 1.6e-04 mineig: 4.2e-10 con: 3.7e+05 10¹ 10⁰ 1010 10^{-10} 10^{-2} 10² 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁶ 250 50 100 150 200

ep: 63 layer3.0.shortcut.0 maxeig: 9.6e-05 mineig: 2.6e-10 con: 3.7e+05 10^{1}





ep: 63 layer3.1.conv2 maxeig: 3.2e-04 mineig: 3.2e-06 con: 1.0e+02 10^{1} 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} eigen value 10⁻⁵ 250 50 100 150 200

ep: 63 layer4.0.conv1 maxeig: 1.5e-04 mineig: 8.7e-07 con: 1.7e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10^{-2} 10⁶ 10^{-4} eigen value 10^{-5} 10^{-6} 100 500 200 300 400

ep: 63 layer4.0.conv2 maxeig: 4.3e-04 mineig: 2.9e-09 con: 1.5e+05 10^{1} 10⁰ 10^{10} 10^{-10} 10^{-6} 10-2 10² 10⁶ 10^{-4} 10⁻⁵ 10^{-6} 10-8

200

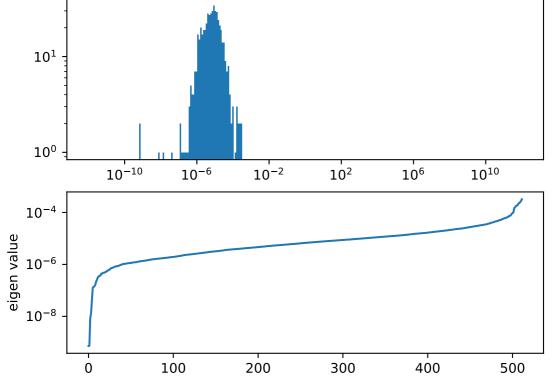
300

500

400

100

ep: 63 layer4.0.shortcut.0 maxeig: 3.2e-04 mineig: 7.3e-10 con: 4.4e+05



ep: 63 layer4.1.conv1 maxeig: 1.8e-04 mineig: 9.0e-11 con: 2.0e+06 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10⁻⁵ 10^{-7} 10^{-9} 100 500 200 300 400

eigen value

ep: 63 layer4.1.conv2 maxeig: 1.2e-03 mineig: 7.4e-09 con: 1.6e+05

