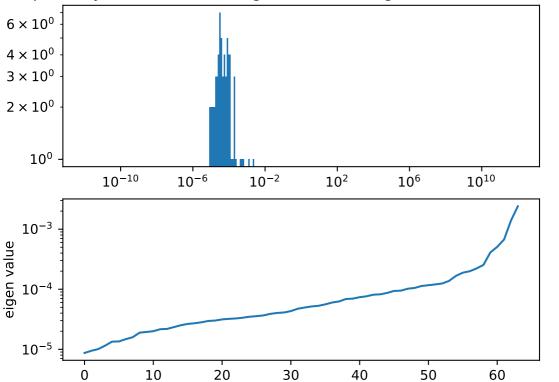
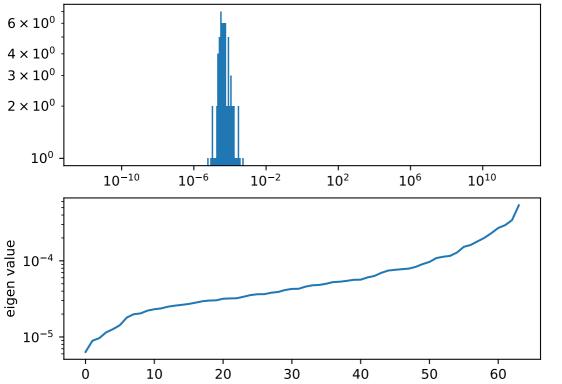
ep: 35 conv1 maxeig: 1.0e+00 mineig: 7.4e-07 con: 1.3e+06 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10-10 10^{-6} 10-2 10² 10⁶ 10^{-1} eigen value 10^{-3} 10⁻⁵ 30 50 60 10 20 40

ep: 35 layer1.0.conv1 maxeig: 2.4e-03 mineig: 8.7e-06 con: 2.8e+02



ep: 35 layer1.0.conv2 maxeig: 5.4e-04 mineig: 6.4e-06 con: 8.5e+01



ep: 35 layer1.1.conv1 maxeig: 1.0e-04 mineig: 2.7e-06 con: 3.7e+01 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10-10 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 10⁻²

30

40

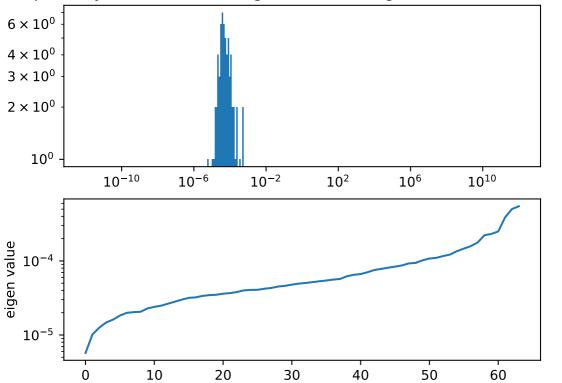
10

20

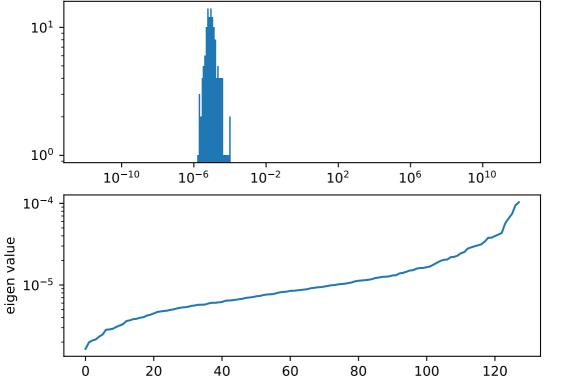
50

60

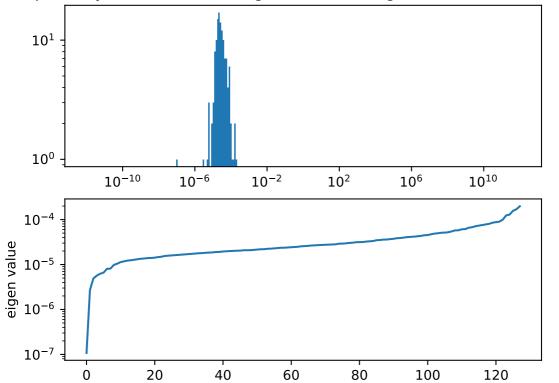
ep: 35 layer1.1.conv2 maxeig: 5.5e-04 mineig: 5.7e-06 con: 9.6e+01



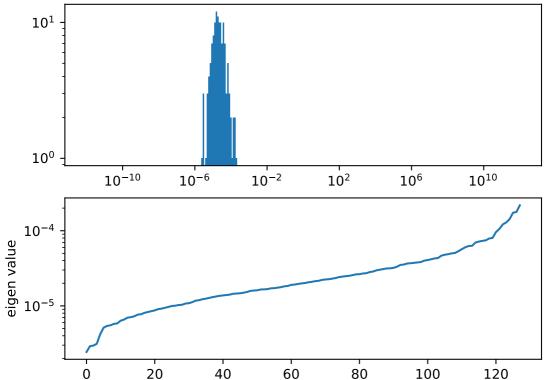
ep: 35 layer2.0.conv1 maxeig: 1.0e-04 mineig: 1.6e-06 con: 6.3e+01 10^{1}



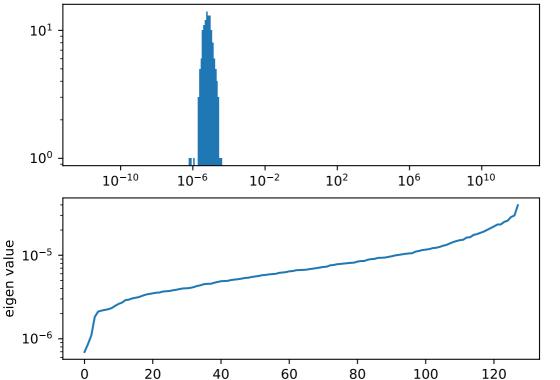
ep: 35 layer2.0.conv2 maxeig: 2.0e-04 mineig: 1.1e-07 con: 1.8e+03



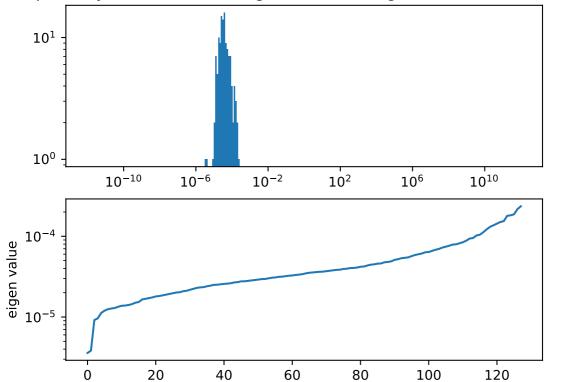
ep: 35 layer2.0.shortcut.0 maxeig: 2.2e-04 mineig: 2.4e-06 con: 9.0e+01

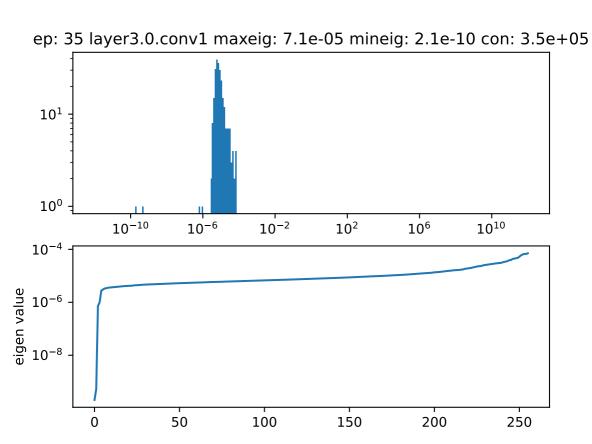


ep: 35 layer2.1.conv1 maxeig: 4.0e-05 mineig: 7.0e-07 con: 5.7e+01

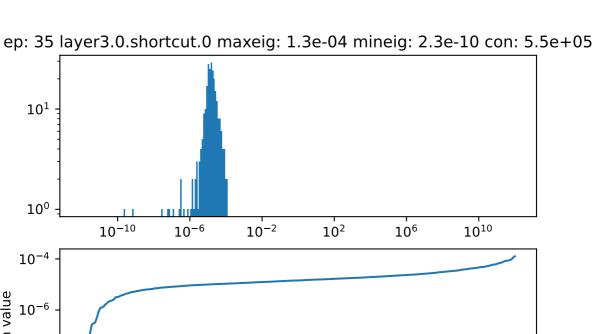


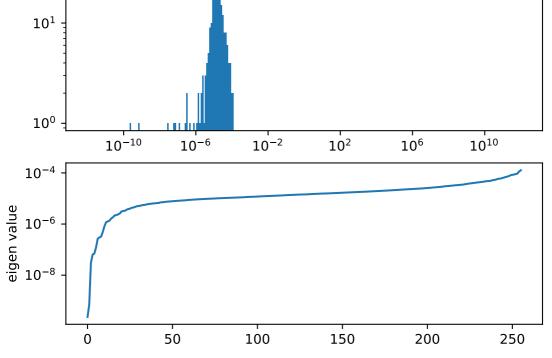
ep: 35 layer2.1.conv2 maxeig: 2.4e-04 mineig: 3.6e-06 con: 6.6e+01





ep: 35 layer3.0.conv2 maxeig: 1.9e-04 mineig: 3.7e-10 con: 5.3e+05 10^{1} 10⁰ 1010 10-2 10² 10⁶ 10^{-10} 10^{-6} 10^{-4} eigen value 10⁻⁸ 250 50 100 150 200





ep: 35 layer3.1.conv1 maxeig: 6.5e-05 mineig: 6.3e-10 con: 1.0e+05 10^{1} 10⁰ 1010 10^{-10} 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁸ 250 50 100 150 200

ep: 35 layer3.1.conv2 maxeig: 3.0e-04 mineig: 1.2e-06 con: 2.5e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ eigen value 10⁻⁴ 10^{-6} 250 50 100 150 200

ep: 35 layer4.0.conv1 maxeig: 1.8e-04 mineig: 5.4e-07 con: 3.3e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} 10⁻⁵ 10^{-6} 100 500 200 300 400

eigen value

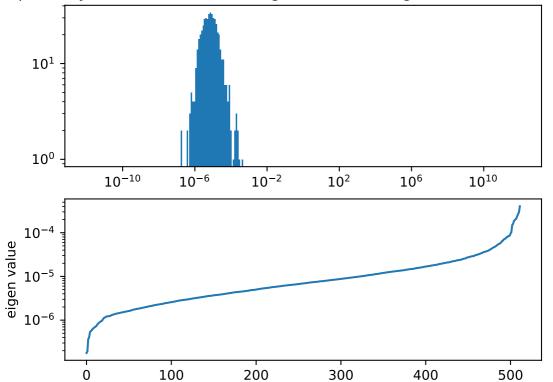
ep: 35 layer4.0.conv2 maxeig: 4.4e-04 mineig: 1.6e-07 con: 2.8e+03 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁵ 10^{-6} 100 500

200

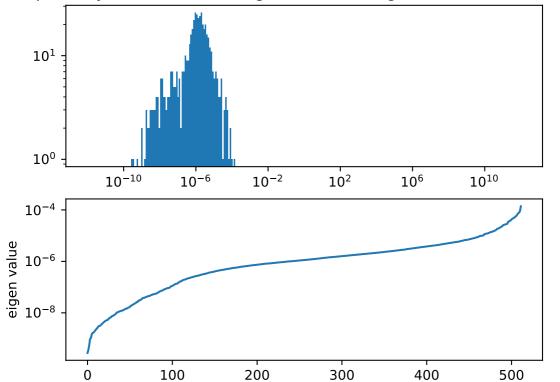
300

400

ep: 35 layer4.0.shortcut.0 maxeig: 4.0e-04 mineig: 1.8e-07 con: 2.3e+03



ep: 35 layer4.1.conv1 maxeig: 1.4e-04 mineig: 2.8e-10 con: 5.0e+05



ep: 35 layer4.1.conv2 maxeig: 1.2e-03 mineig: 2.0e-07 con: 5.9e+03 10^{1} 10⁰ 10¹⁰ 10-10 10^{-2} 10² 10⁶ 10^{-6} 10⁻³ 10^{-4} 10^{-5} 10^{-6}

200

300

400

500

100

eigen value

