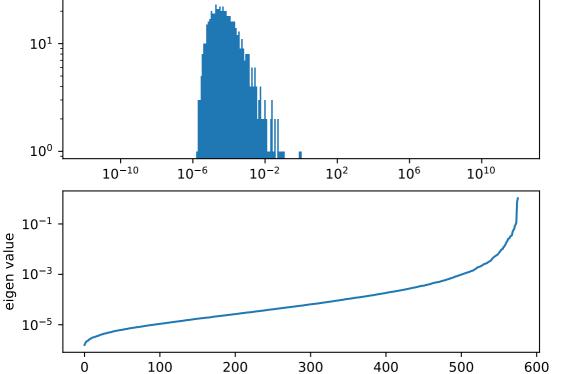


ep: 0 layer1.0.conv1 maxeig: 1.0e+00 mineig: 1.6e-06 con: 6.6e+05

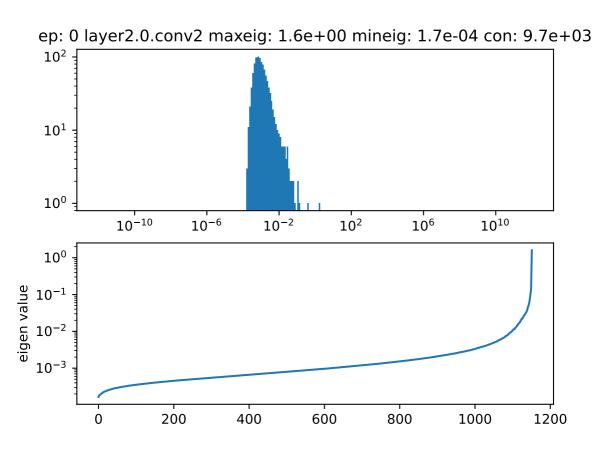


ep: 0 layer1.0.conv2 maxeig: 9.6e-01 mineig: 2.5e-05 con: 3.9e+04 10^{1} 10⁰ 1010 10-10 10^{-2} 10⁶ 10^{-6} 10² 10⁰ 10^{-1} eigen value 10^{-2} 10⁻³ 10^{-4} 100 200 300 400 500 600

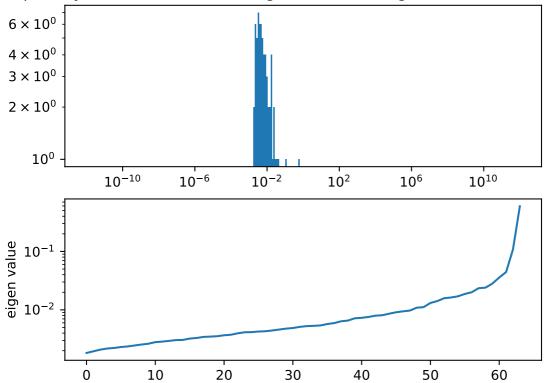
ep: 0 layer1.1.conv1 maxeig: 2.7e+00 mineig: 1.3e-04 con: 2.2e+04 10¹ 10⁰ 1010 10⁻¹⁰ 10⁶ 10^{-6} 10^{-2} 10² 10⁰ eigen value 10^{-1} 10^{-2} 10⁻³ 10^{-4} 100 500 200 300 400 600

ep: 0 layer1.1.conv2 maxeig: 9.8e-01 mineig: 9.1e-05 con: 1.1e+04 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10⁰ $\frac{9}{10^{-1}}$ $\frac{10^{-2}}{10^{-2}}$ $\frac{10^{-3}}{10^{-3}}$ 10^{-1} 10^{-4} 100 500 200 300 400 600

ep: 0 layer2.0.conv1 maxeig: 5.0e+00 mineig: 3.5e-04 con: 1.4e+04 10^{1} 10⁰ 1010 10⁻¹⁰ 10⁶ 10^{-6} 10^{-2} 10² 10° eigen value 10^{-1} 10^{-2} 10^{-3} 100 500 200 300 400 600

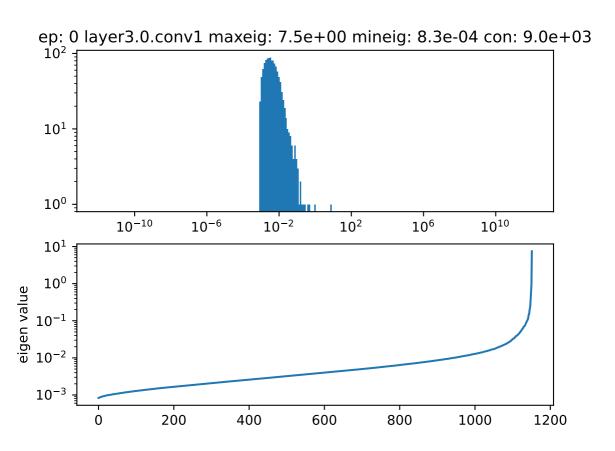


ep: 0 layer2.0.shortcut.0 maxeig: 5.9e-01 mineig: 1.8e-03 con: 3.2e+02



ep: 0 layer2.1.conv1 maxeig: 3.4e+00 mineig: 5.8e-04 con: 5.9e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-2} 10^{-6} 10² 10⁶ 10° eigen value 10^{-1} 10-2 10⁻³ 200 400 600 800 1000 1200

ep: 0 layer2.1.conv2 maxeig: 1.6e+00 mineig: 3.8e-04 con: 4.3e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10⁰ eigen value 10^{-1} 10^{-2} 10^{-3} 200 400 600 800 1000 1200



ep: 0 layer3.0.conv2 maxeig: 2.9e+00 mineig: 1.8e-04 con: 1.6e+04 10² 10^{1} 10⁰ 10 10 10-10 10-2 10⁶ 10^{-6} 10² 10⁰ 10^{-1} 10^{-2} 10⁻³

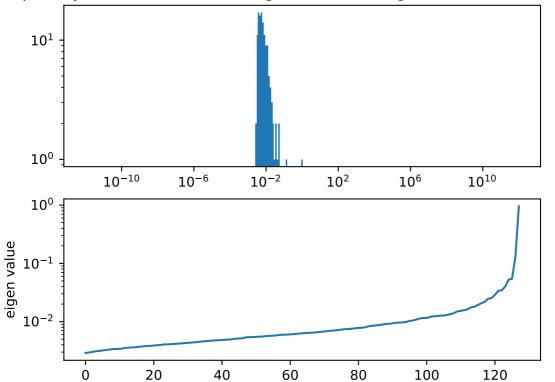
2000

1500

500

eigen value

ep: 0 layer3.0.shortcut.0 maxeig: 9.6e-01 mineig: 2.9e-03 con: 3.3e+02



ep: 0 layer3.1.conv1 maxeig: 5.8e+00 mineig: 4.3e-04 con: 1.4e+04 10^{2} 10^{1} 10⁰ 1010 10⁻¹⁰ 10-2 10⁶ 10^{-6} 10² 10⁰ e io 10^{-3}

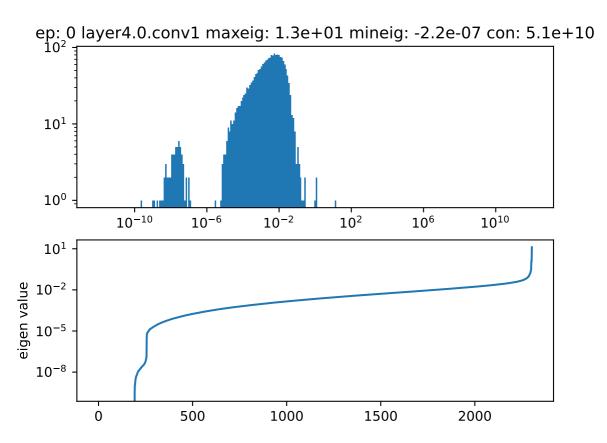
1500

2000

ep: 0 layer3.1.conv2 maxeig: 2.9e+00 mineig: 2.4e-04 con: 1.2e+04 10² 10^{1} 10⁰ 1010 10⁻¹⁰ 10-2 10⁶ 10^{-6} 10² 10° eigen value 10^{-1} 10^{-2} 10-3

2000

1500

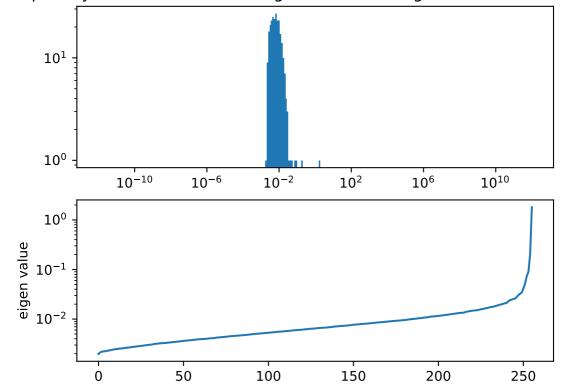


ep: 0 layer4.0.conv2 maxeig: 4.2e+00 mineig: -2.4e-07 con: 2.7e+11 10^{2} 10^{1} 10⁰ 1010 10^{-10} 10^{-6} 10⁶ 10^{-2} 10² 10⁰ eigen value 10⁻³ 10^{-6} 10^{-9}

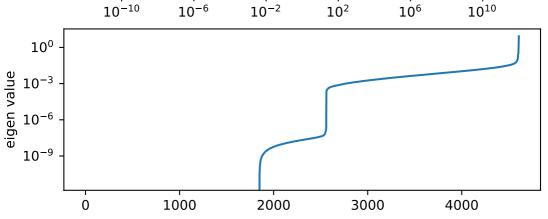
1000

4000

ep: 0 layer4.0.shortcut.0 maxeig: 1.8e+00 mineig: 2.0e-03 con: 9.1e+02



ep: 0 layer4.1.conv1 maxeig: 8.4e+00 mineig: -5.9e-07 con: 1.4e+12 10^{2} 10^{1} 10⁰ 10-10 1010 10² 10⁶ 10^{-6} 10^{-2}



ep: 0 layer4.1.conv2 maxeig: 4.3e+00 mineig: -4.1e-07 con: 3.0e+11 10^{2} 10^{1} 10⁰ 1010 10^{-6} 10^{-2} 10² 10⁶ 10^{-10} 10⁰ eigen value 10⁻³ 10^{-6} 10^{-9}

1000

4000

