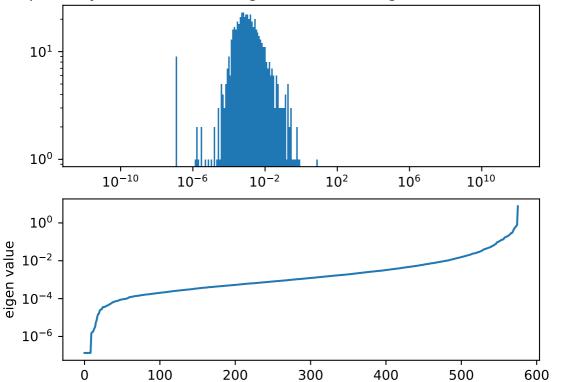
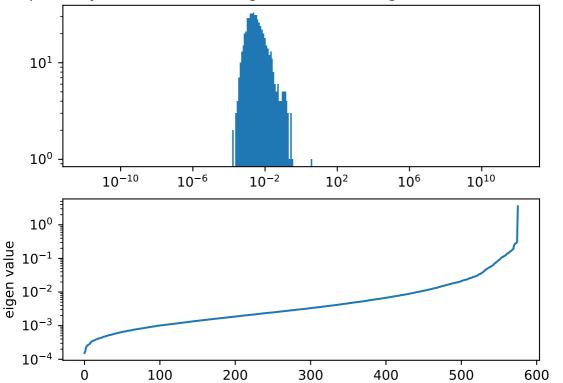
ep: 76 conv1 maxeig: 5.8e+01 mineig: 3.9e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

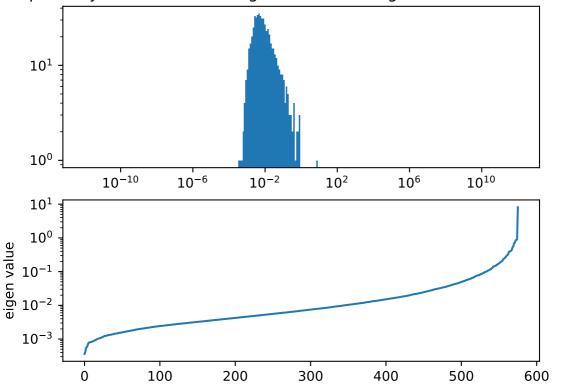
ep: 76 layer1.0.conv1 maxeig: 7.6e+00 mineig: 1.3e-07 con: 5.6e+07



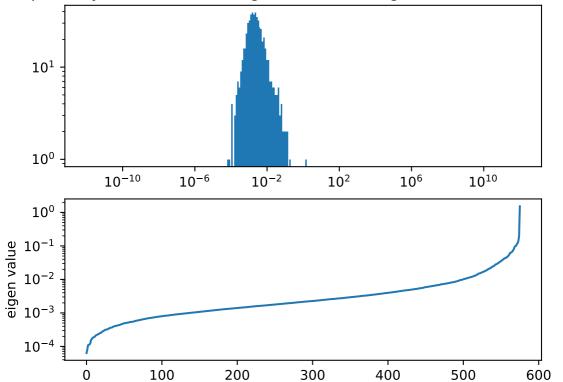
ep: 76 layer1.0.conv2 maxeig: 3.6e+00 mineig: 1.5e-04 con: 2.3e+04



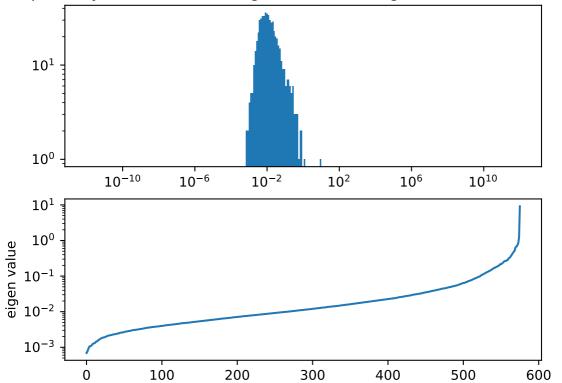
ep: 76 layer1.1.conv1 maxeig: 8.1e+00 mineig: 3.6e-04 con: 2.2e+04



ep: 76 layer1.1.conv2 maxeig: 1.5e+00 mineig: 6.4e-05 con: 2.4e+04

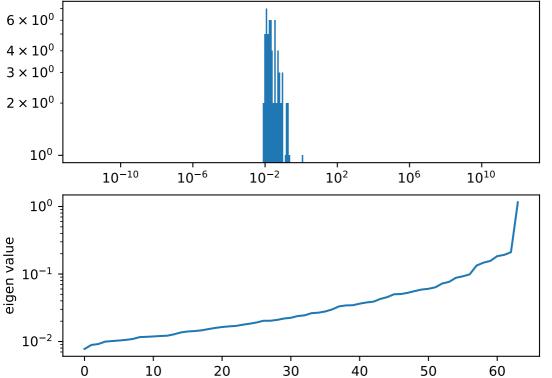


ep: 76 layer2.0.conv1 maxeig: 9.2e+00 mineig: 6.9e-04 con: 1.3e+04



ep: 76 layer2.0.conv2 maxeig: 2.9e+00 mineig: 5.0e-04 con: 5.8e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-2} 10⁶ 10^{-6} 10² 10⁰ eigen value 10^{-1} 10^{-2} 10⁻³ 200 400 600 800 1000 1200

ep: 76 layer2.0.shortcut.0 maxeig: 1.2e+00 mineig: 7.8e-03 con: 1.5e+02



ep: 76 layer2.1.conv1 maxeig: 8.0e+00 mineig: 5.0e-05 con: 1.6e+05 10^{2} 10^{1} 10^{0} 1010 10-10 10^{-6} 10-2 10⁶ 10² 10^{1} eigen value 200 400 600 800 1000 1200

ep: 76 layer2.1.conv2 maxeig: 4.6e-01 mineig: 7.9e-05 con: 5.8e+03 10^{2} 10^{1} 10⁰ 1010 10⁻¹⁰ 10-2 10⁶ 10^{-6} 10² 10^{-1} eiden value 10⁻² 10⁻³ 10^{-4} 200 400 600 800 1000 1200

ep: 76 layer3.0.conv1 maxeig: 8.2e+00 mineig: 1.0e-03 con: 7.8e+03 10^{2} 10^{1} 10^{0} 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10^{1} eigen value 10 -2 10⁰ 10⁻³ 200 400 600 800 1000 1200

ep: 76 layer3.0.conv2 maxeig: 2.3e+00 mineig: 1.2e-07 con: 1.9e+07 10² 10^{1} 10⁰ 1010 10^{-10} 10^{-6} 10^{-2} 10² 10⁶ 10⁰ eigen value 10^{-2} 10^{-4} 10^{-6}

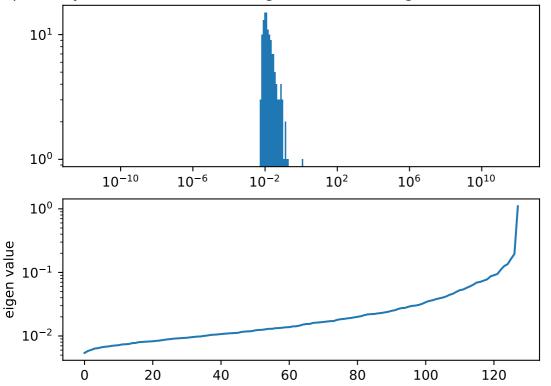
1000

1500

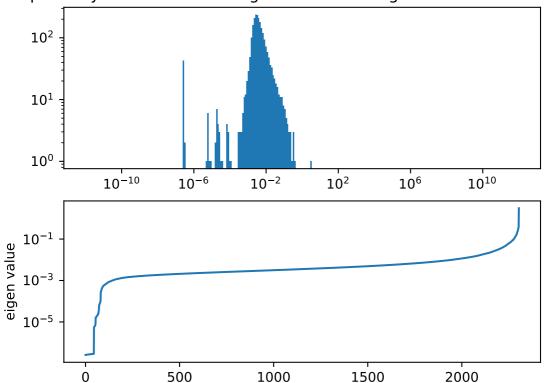
2000

500

ep: 76 layer3.0.shortcut.0 maxeig: 1.1e+00 mineig: 5.4e-03 con: 2.0e+02



ep: 76 layer3.1.conv1 maxeig: 3.1e+00 mineig: 2.6e-07 con: 1.2e+07



ep: 76 layer3.1.conv2 maxeig: 5.2e-01 mineig: 6.2e-08 con: 8.3e+06 10² 10¹ 10⁰ 10-10 1010 10^{-6} 10² 10⁶ 10^{-2} 10⁰ 10^{-2} 10^{-4} 10^{-6}

1000

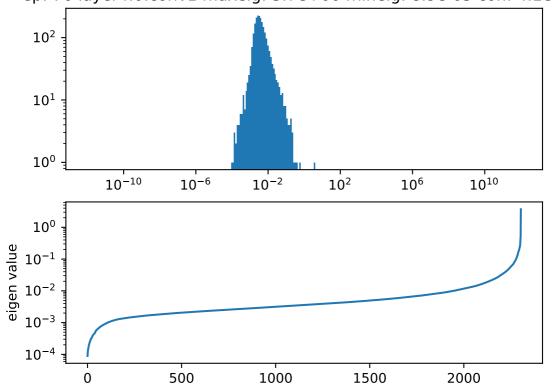
1500

2000

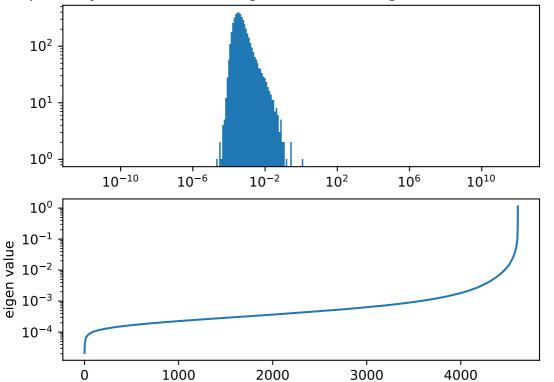
500

eigen value

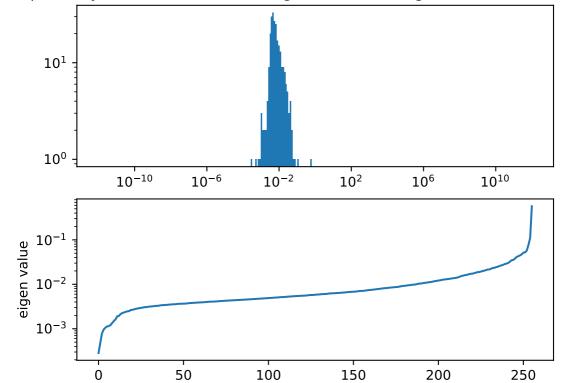
ep: 76 layer4.0.conv1 maxeig: 3.7e+00 mineig: 8.9e-05 con: 4.1e+04



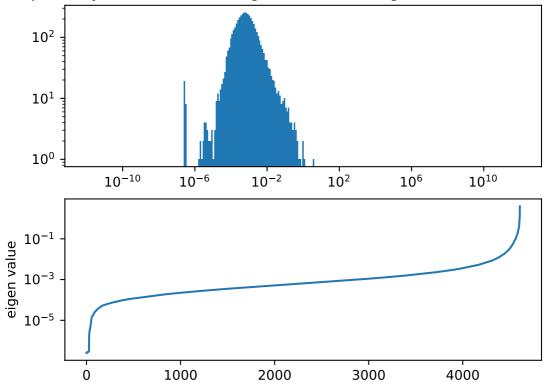
ep: 76 layer4.0.conv2 maxeig: 1.1e+00 mineig: 2.1e-05 con: 5.4e+04



ep: 76 layer4.0.shortcut.0 maxeig: 5.7e-01 mineig: 2.9e-04 con: 2.0e+03



ep: 76 layer4.1.conv1 maxeig: 4.0e+00 mineig: 2.5e-07 con: 1.6e+07



ep: 76 layer4.1.conv2 maxeig: 4.3e+00 mineig: -6.0e-08 con: 6.4e+10

