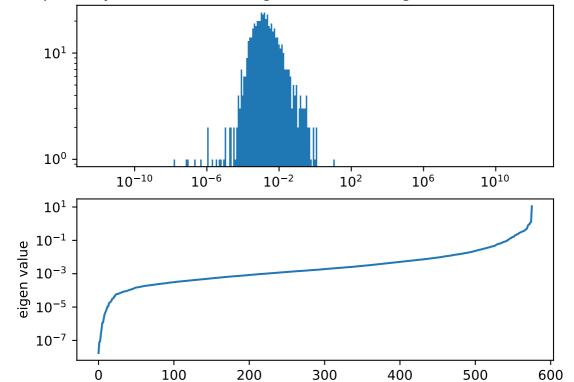
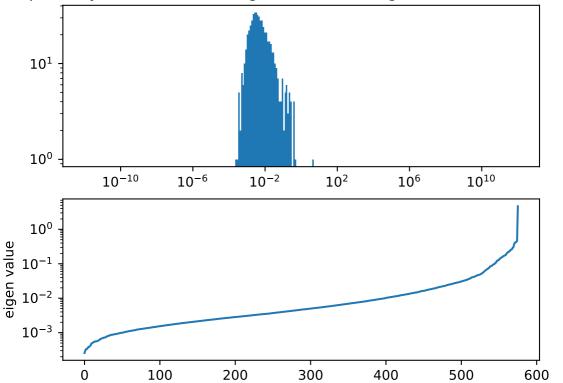
ep: 51 conv1 maxeig: 5.8e+01 mineig: 3.9e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

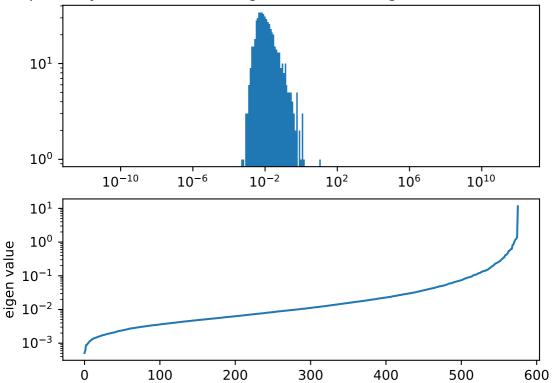
ep: 51 layer1.0.conv1 maxeig: 1.1e+01 mineig: 1.8e-08 con: 6.3e+08



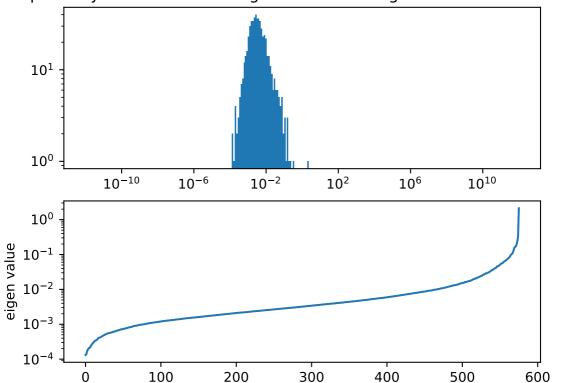
ep: 51 layer1.0.conv2 maxeig: 4.7e+00 mineig: 2.6e-04 con: 1.8e+04



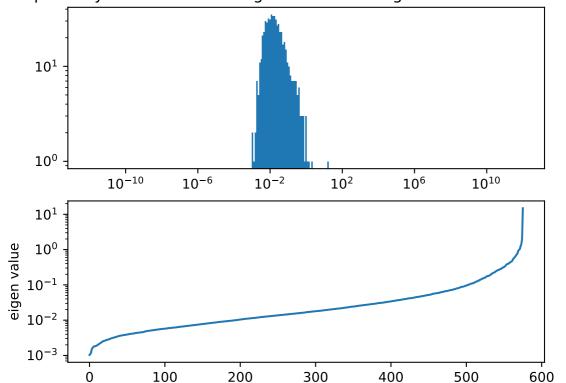
ep: 51 layer1.1.conv1 maxeig: 1.2e+01 mineig: 5.1e-04 con: 2.3e+04



ep: 51 layer1.1.conv2 maxeig: 2.1e+00 mineig: 1.3e-04 con: 1.6e+04



ep: 51 layer2.0.conv1 maxeig: 1.5e+01 mineig: 1.0e-03 con: 1.4e+04



ep: 51 layer2.0.conv2 maxeig: 4.3e+00 mineig: 7.2e-04 con: 6.0e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10° e io 10⁻³

600

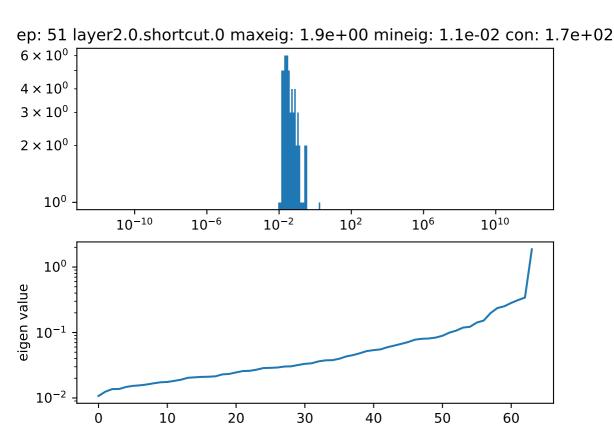
800

1000

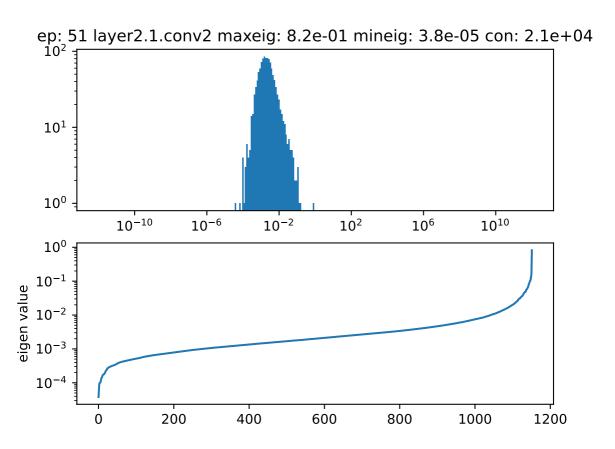
1200

200

400

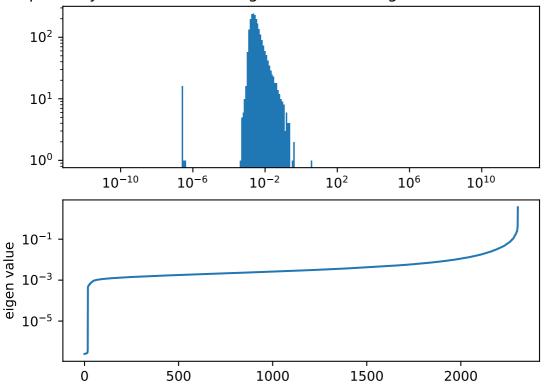


ep: 51 layer2.1.conv1 maxeig: 1.1e+01 mineig: 1.7e-04 con: 6.7e+04 10^{2} 10¹ 10⁰ 1010 10-10 10^{-6} 10-2 10⁶ 10² 10^{1} eigen value 10^{-1} 10⁻³ 200 400 600 800 1000 1200

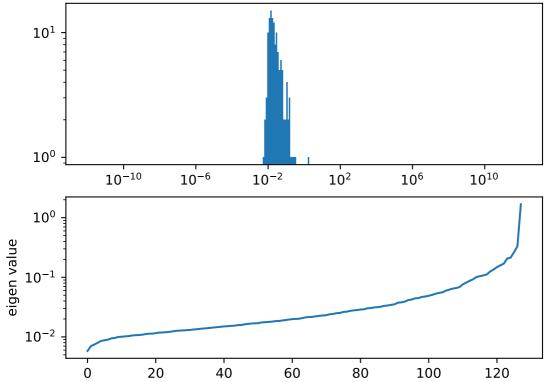


ep: 51 layer3.0.conv1 maxeig: 1.3e+01 mineig: 9.1e-04 con: 1.4e+04 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10^1 10⁰ 10⁻³ 200 400 600 800 1000 1200

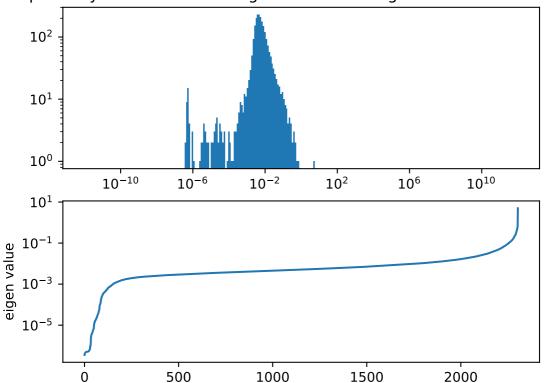
ep: 51 layer3.0.conv2 maxeig: 3.6e+00 mineig: 2.5e-07 con: 1.5e+07



ep: 51 layer3.0.shortcut.0 maxeig: 1.7e+00 mineig: 5.8e-03 con: 2.9e+02



ep: 51 layer3.1.conv1 maxeig: 5.0e+00 mineig: 3.5e-07 con: 1.4e+07



ep: 51 layer3.1.conv2 maxeig: 9.7e-01 mineig: 1.0e-07 con: 9.3e+06 10^{2} 10¹ 10⁰ 1010 10-10 10^{-6} 10² 10⁶ 10^{-2} 10^{0} 10^{-2} 10^{-4} 10^{-6}

1000

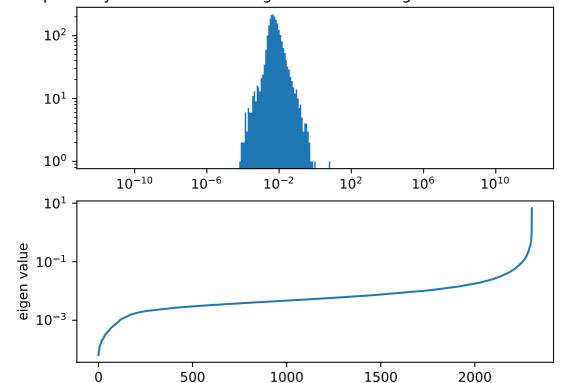
1500

2000

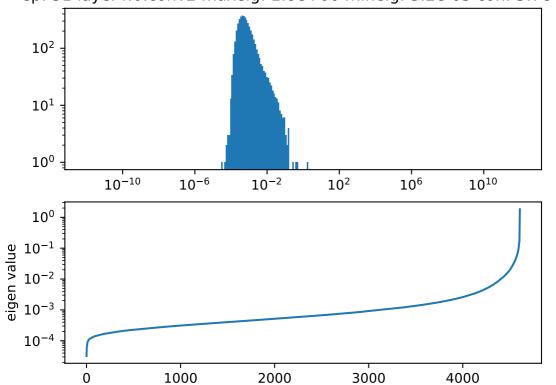
500

eigen value

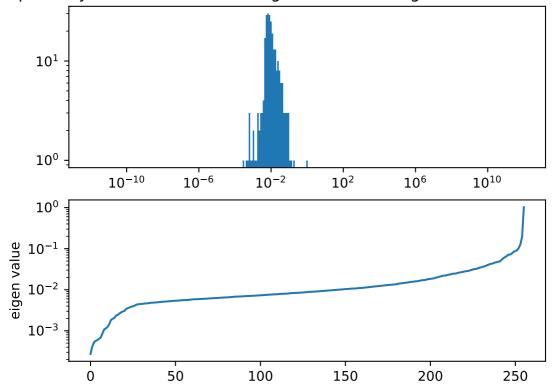
ep: 51 layer4.0.conv1 maxeig: 6.7e+00 mineig: 6.5e-05 con: 1.0e+05



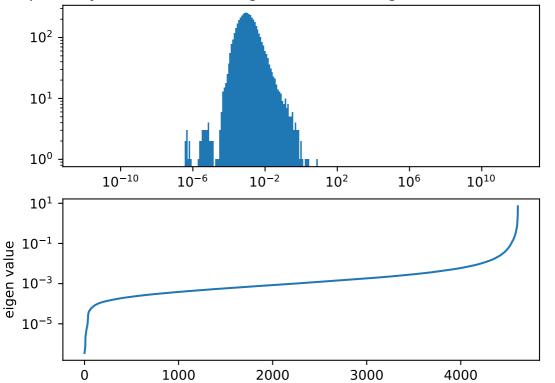
ep: 51 layer4.0.conv2 maxeig: 1.8e+00 mineig: 3.2e-05 con: 5.7e+04



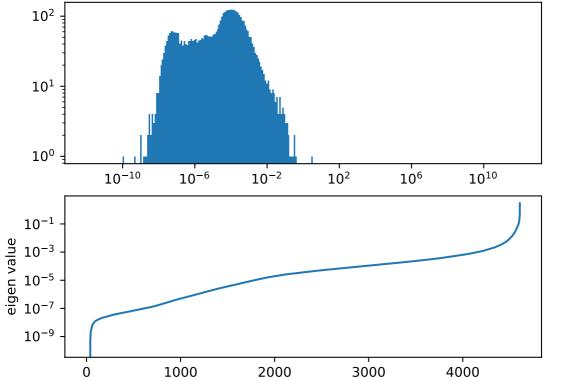
ep: 51 layer4.0.shortcut.0 maxeig: 1.0e+00 mineig: 2.7e-04 con: 3.7e+03



ep: 51 layer4.1.conv1 maxeig: 7.1e+00 mineig: 3.5e-07 con: 2.0e+07



ep: 51 layer4.1.conv2 maxeig: 2.9e+00 mineig: -2.3e-08 con: 3.3e+10



ep: 51 linear maxeig: 1.6e+00 mineig: 1.5e-06 con: 1.1e+06 10^{1} 10⁰ 10¹⁰ 10-10 10^{-6} 10² 10⁶ 10^{-2} 10^{-1} eigen value 10⁻³ 10^{-5} 100 400 500 200 300