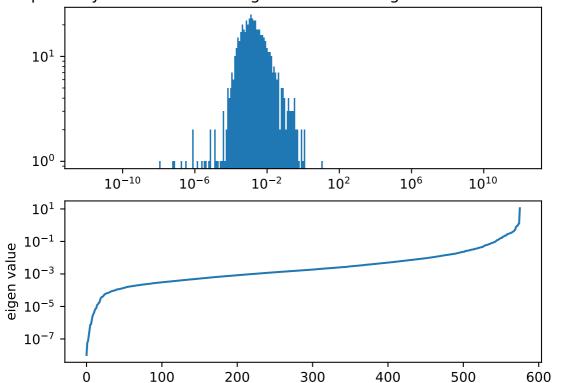
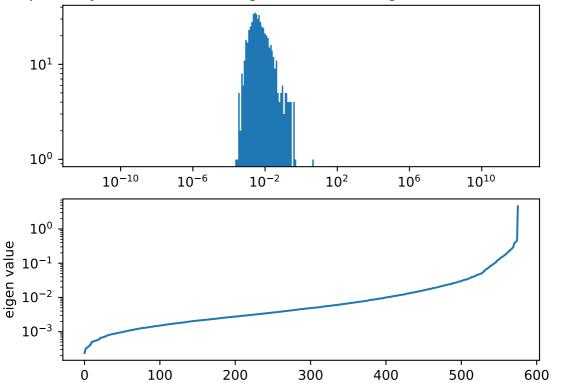
ep: 52 conv1 maxeig: 5.8e+01 mineig: 3.9e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

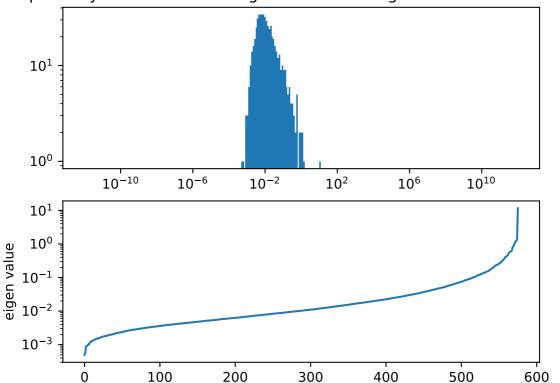
ep: 52 layer1.0.conv1 maxeig: 1.1e+01 mineig: 1.0e-08 con: 1.1e+09



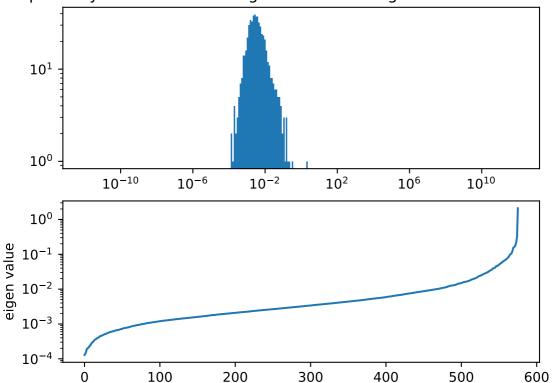
ep: 52 layer1.0.conv2 maxeig: 4.6e+00 mineig: 2.4e-04 con: 1.9e+04



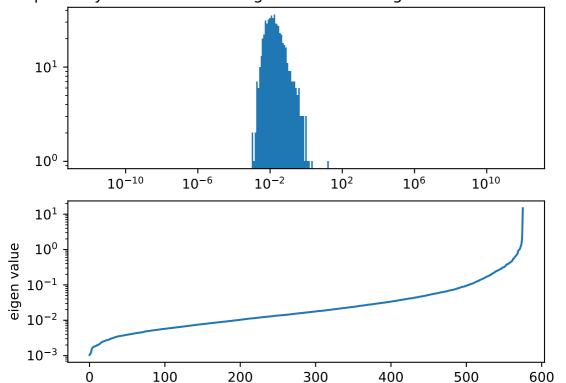
ep: 52 layer1.1.conv1 maxeig: 1.2e+01 mineig: 4.9e-04 con: 2.3e+04



ep: 52 layer1.1.conv2 maxeig: 2.1e+00 mineig: 1.3e-04 con: 1.6e+04



ep: 52 layer2.0.conv1 maxeig: 1.5e+01 mineig: 1.0e-03 con: 1.4e+04



ep: 52 layer2.0.conv2 maxeig: 4.3e+00 mineig: 7.8e-04 con: 5.5e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10⁰ e iden value on value 10⁻³

600

800

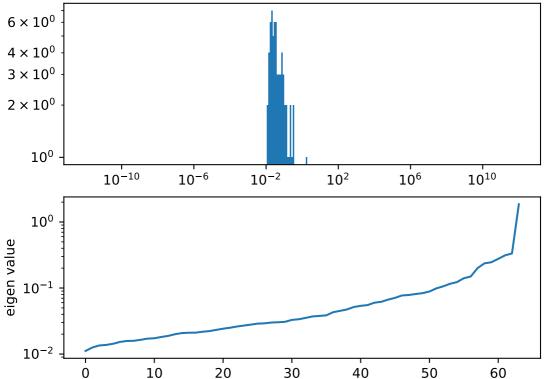
1000

1200

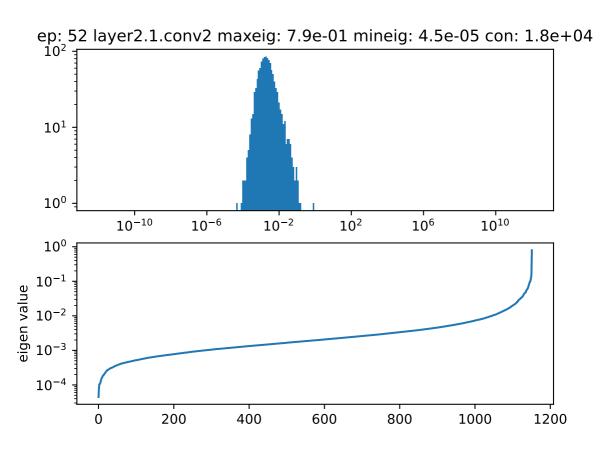
200

400

ep: 52 layer2.0.shortcut.0 maxeig: 1.9e+00 mineig: 1.1e-02 con: 1.7e+02

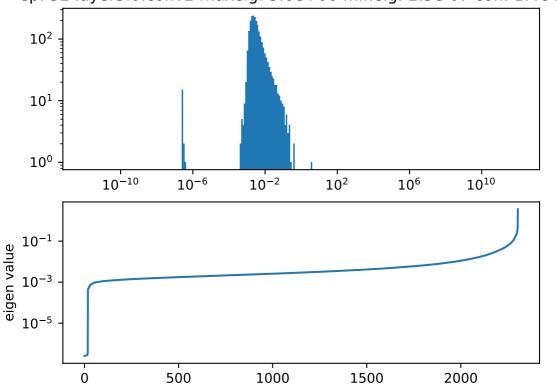


ep: 52 layer2.1.conv1 maxeig: 1.1e+01 mineig: 2.4e-04 con: 4.8e+04 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-6} 10-2 10⁶ 10² 10^{1} 10⁰ eigen value 10^{-1} 10^{-2} 10^{-3} 200 400 600 800 1000 1200

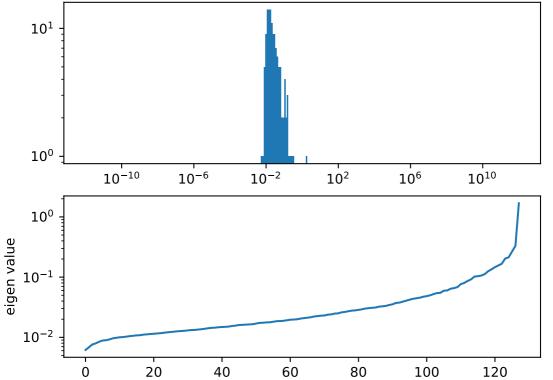


ep: 52 layer3.0.conv1 maxeig: 1.3e+01 mineig: 1.0e-03 con: 1.3e+04 10^{2} 10^{1} 10^{0} 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10^1 eigen value 10 10⁻² 10⁻³ 200 400 600 800 1000 1200

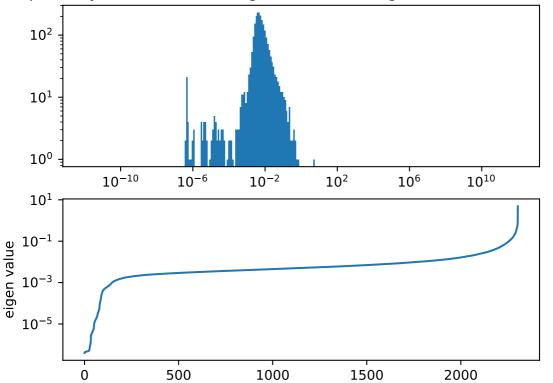
ep: 52 layer3.0.conv2 maxeig: 3.6e+00 mineig: 2.5e-07 con: 1.4e+07



ep: 52 layer3.0.shortcut.0 maxeig: 1.7e+00 mineig: 6.2e-03 con: 2.7e+02



ep: 52 layer3.1.conv1 maxeig: 4.9e+00 mineig: 4.0e-07 con: 1.2e+07



ep: 52 layer3.1.conv2 maxeig: 9.3e-01 mineig: 1.2e-07 con: 7.8e+06 10^{2} 10¹ 10⁰ 1010 10-10 10-2 10² 10⁶ 10^{-6} 10⁰ 10^{-2} 10^{-4} 10^{-6}

1000

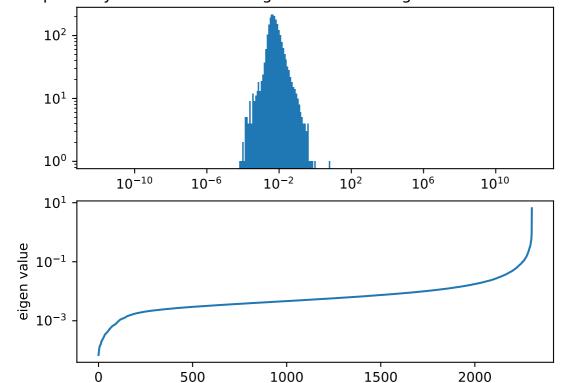
1500

2000

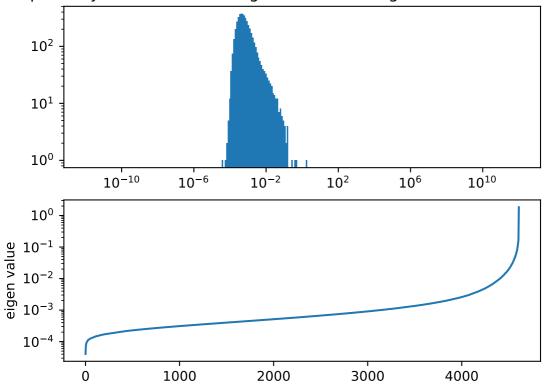
500

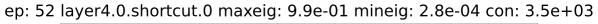
eigen value

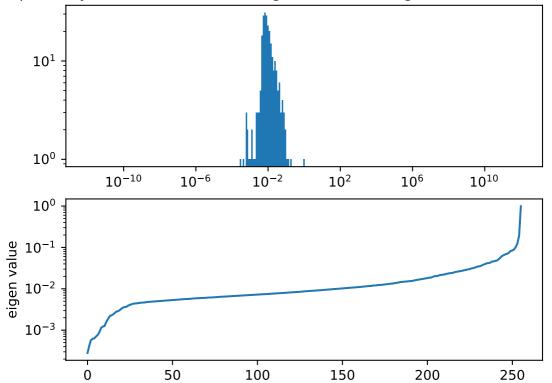
ep: 52 layer4.0.conv1 maxeig: 6.5e+00 mineig: 6.9e-05 con: 9.3e+04



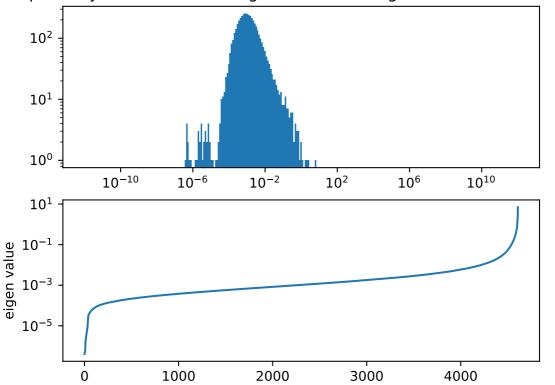
ep: 52 layer4.0.conv2 maxeig: 1.8e+00 mineig: 4.1e-05 con: 4.5e+04







ep: 52 layer4.1.conv1 maxeig: 6.9e+00 mineig: 4.1e-07 con: 1.7e+07



ep: 52 layer4.1.conv2 maxeig: 3.1e+00 mineig: -2.4e-08 con: 4.1e+11

