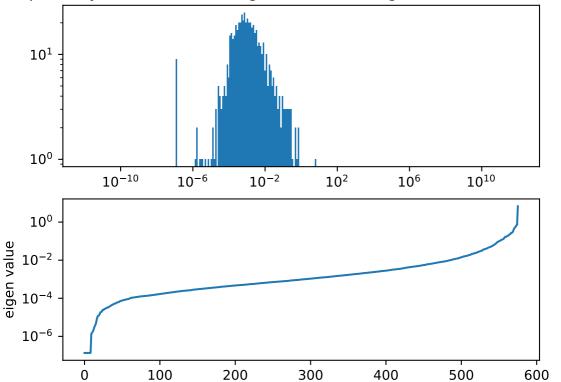
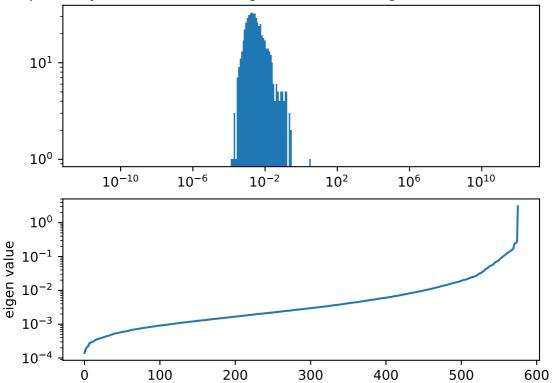
ep: 81 conv1 maxeig: 5.8e+01 mineig: 3.9e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

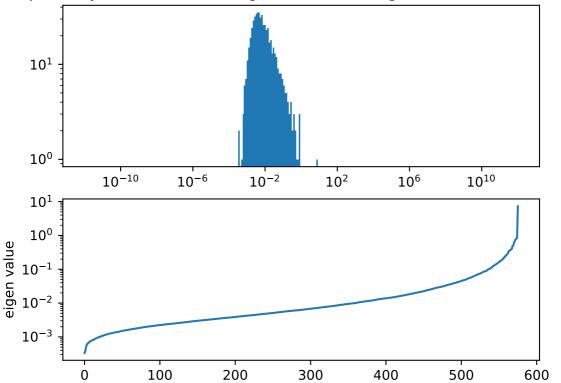
ep: 81 layer1.0.conv1 maxeig: 6.8e+00 mineig: 1.3e-07 con: 5.0e+07



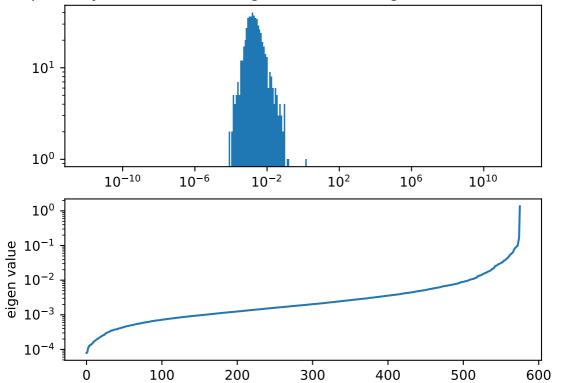
ep: 81 layer1.0.conv2 maxeig: 3.1e+00 mineig: 1.4e-04 con: 2.2e+04



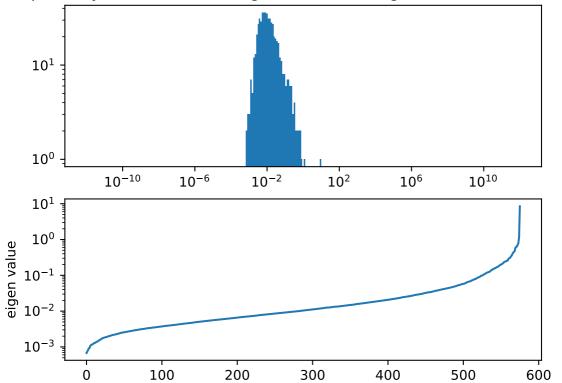
ep: 81 layer1.1.conv1 maxeig: 7.3e+00 mineig: 3.4e-04 con: 2.2e+04



ep: 81 layer1.1.conv2 maxeig: 1.4e+00 mineig: 7.9e-05 con: 1.7e+04



ep: 81 layer2.0.conv1 maxeig: 8.5e+00 mineig: 6.8e-04 con: 1.2e+04



ep: 81 layer2.0.conv2 maxeig: 2.7e+00 mineig: 5.9e-04 con: 4.7e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10⁰ 10⁻³

600

800

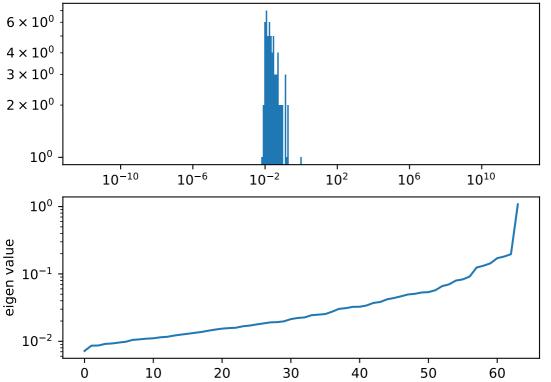
1000

1200

200

400

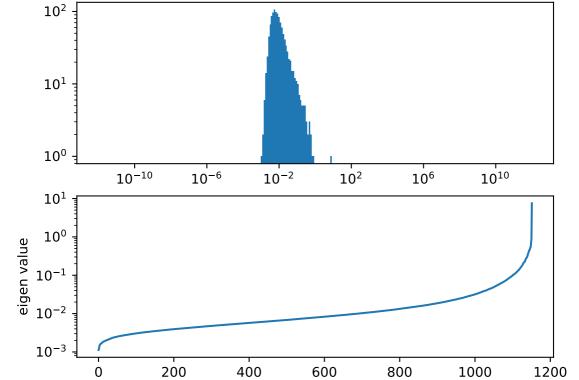
ep: 81 layer2.0.shortcut.0 maxeig: 1.1e+00 mineig: 7.2e-03 con: 1.5e+02



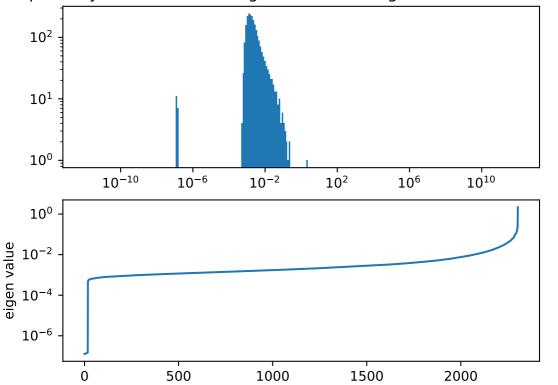
ep: 81 layer2.1.conv1 maxeig: 7.3e+00 mineig: 7.8e-05 con: 9.3e+04 10^{2} 10^{1} 10^{0} 1010 10-10 10^{-6} 10-2 10⁶ 10² 10^{1} eigen value 10^{-1} 10⁻³ 200 400 600 800 1000 1200

ep: 81 layer2.1.conv2 maxeig: 4.1e-01 mineig: 9.2e-05 con: 4.5e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10² 10⁶ 10^{-6} 10^{-2} 10^{-1} eiden value 10⁻² 10⁻³ 10^{-2} 10^{-4} 200 400 600 800 1000 1200

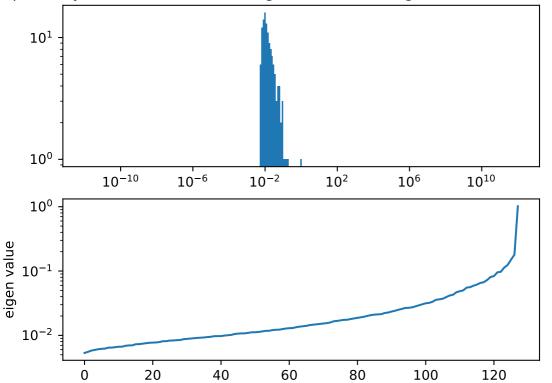
ep: 81 layer3.0.conv1 maxeig: 7.5e+00 mineig: 1.1e-03 con: 6.7e+03 10² 1



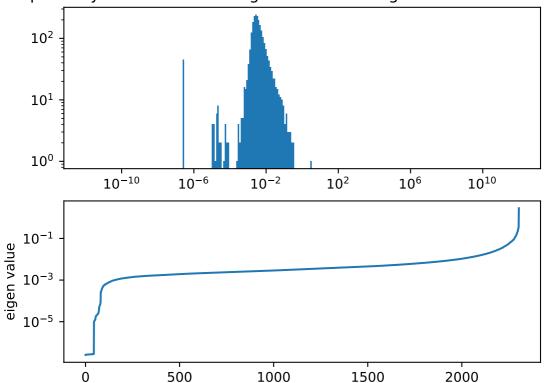
ep: 81 layer3.0.conv2 maxeig: 2.2e+00 mineig: 1.3e-07 con: 1.7e+07



ep: 81 layer3.0.shortcut.0 maxeig: 1.0e+00 mineig: 5.3e-03 con: 1.9e+02



ep: 81 layer3.1.conv1 maxeig: 2.8e+00 mineig: 2.5e-07 con: 1.1e+07



ep: 81 layer3.1.conv2 maxeig: 4.7e-01 mineig: 6.5e-08 con: 7.2e+06 10^{2} 10^{1} 10⁰ 10-10 1010 10^{-6} 10^{-2} 10⁶ 10² 10⁰ eigen value 10^{-6}

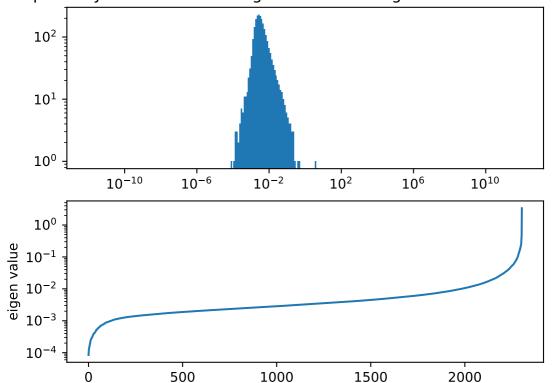
1000

1500

2000

500

ep: 81 layer4.0.conv1 maxeig: 3.3e+00 mineig: 8.5e-05 con: 3.9e+04



ep: 81 layer4.0.conv2 maxeig: 9.8e-01 mineig: 2.2e-05 con: 4.4e+04 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10⁰ 10^{-1} eigen value 10-2 10^{-3}

2000

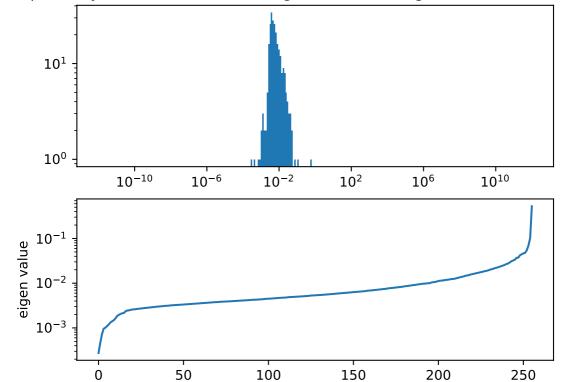
3000

4000

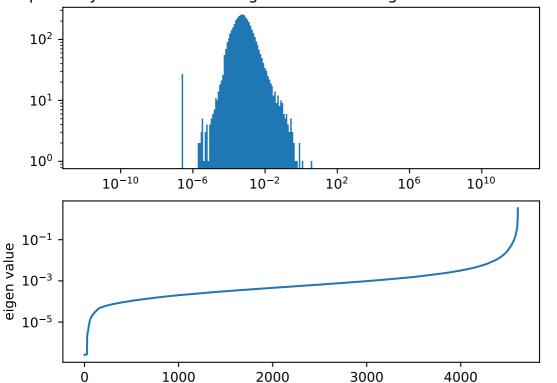
 10^{-4}

1000

ep: 81 layer4.0.shortcut.0 maxeig: 5.3e-01 mineig: 2.8e-04 con: 1.9e+03



ep: 81 layer4.1.conv1 maxeig: 3.4e+00 mineig: 2.5e-07 con: 1.3e+07



ep: 81 layer4.1.conv2 maxeig: 3.8e+00 mineig: -7.8e-08 con: 2.9e+09

