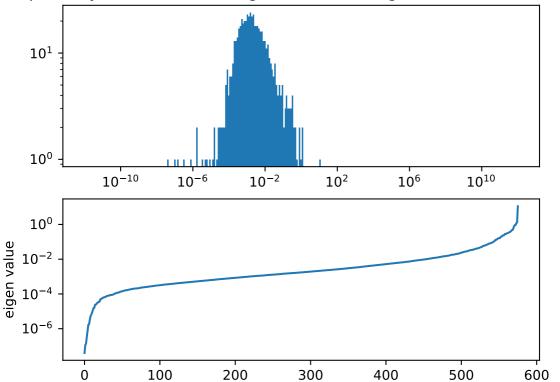
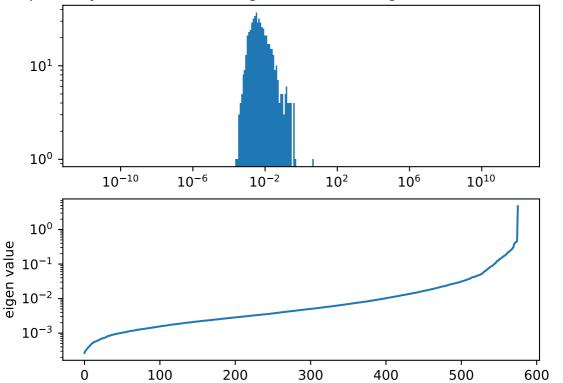
ep: 50 conv1 maxeig: 5.8e+01 mineig: 3.9e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

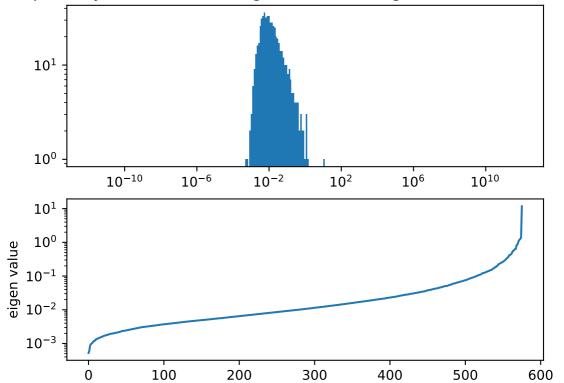
ep: 50 layer1.0.conv1 maxeig: 1.1e+01 mineig: 4.0e-08 con: 2.8e+08



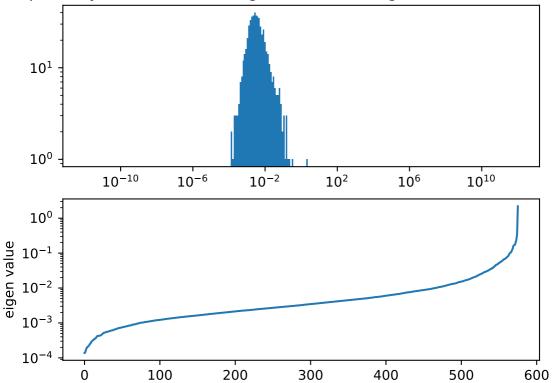
ep: 50 layer1.0.conv2 maxeig: 4.7e+00 mineig: 2.7e-04 con: 1.8e+04



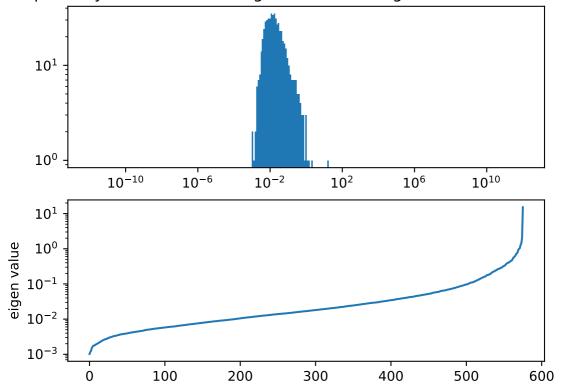
ep: 50 layer1.1.conv1 maxeig: 1.2e+01 mineig: 5.2e-04 con: 2.2e+04



ep: 50 layer1.1.conv2 maxeig: 2.2e+00 mineig: 1.4e-04 con: 1.6e+04

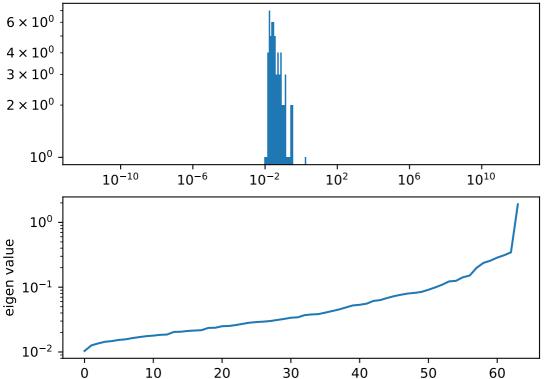


ep: 50 layer2.0.conv1 maxeig: 1.5e+01 mineig: 1.0e-03 con: 1.5e+04

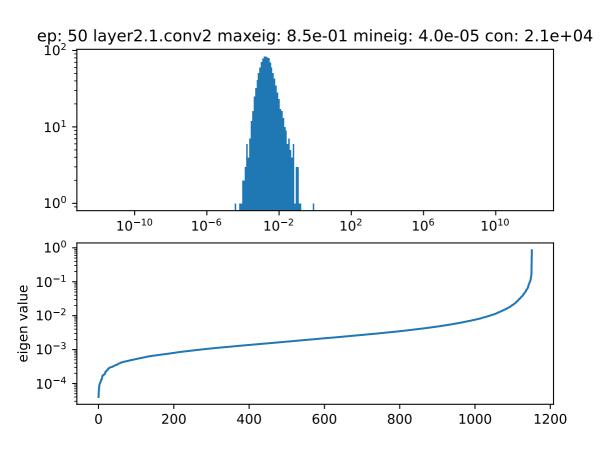


ep: 50 layer2.0.conv2 maxeig: 4.3e+00 mineig: 7.0e-04 con: 6.1e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10⁰ en lo-1 en lo-2 en lo-2 10^{-3} 200 400 600 800 1000 1200

ep: 50 layer2.0.shortcut.0 maxeig: 1.9e+00 mineig: 1.0e-02 con: 1.8e+02

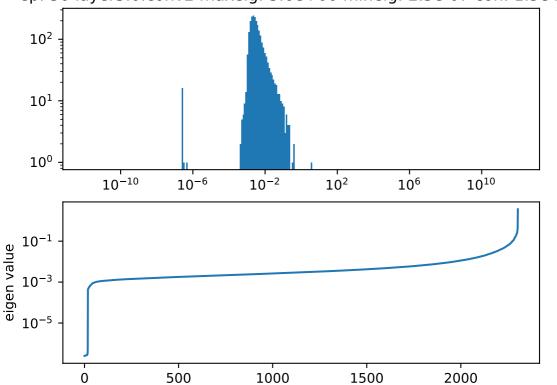


ep: 50 layer2.1.conv1 maxeig: 1.1e+01 mineig: 1.7e-04 con: 6.7e+04 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-6} 10^{-2} 10⁶ 10² 10^{1} eigen value 10^{-1} 10⁻³ 200 400 600 800 1000 1200

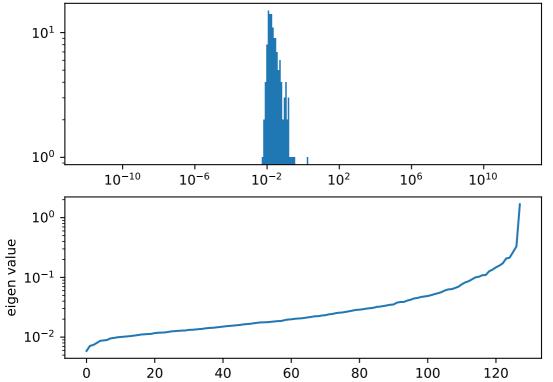


ep: 50 layer3.0.conv1 maxeig: 1.3e+01 mineig: 9.1e-04 con: 1.4e+04 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-2} 10⁶ 10^{-6} 10² 10^1 10⁰ 10⁻³ 200 400 600 800 1000 1200

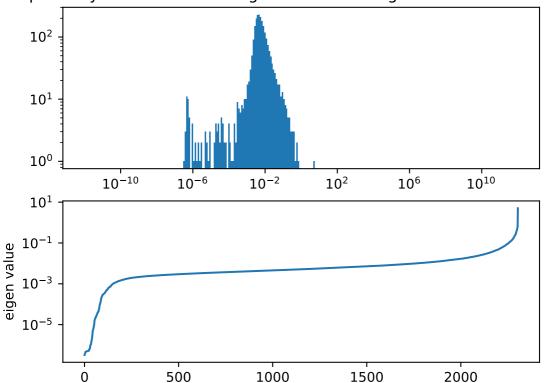
ep: 50 layer3.0.conv2 maxeig: 3.6e+00 mineig: 2.5e-07 con: 1.5e+07



ep: 50 layer3.0.shortcut.0 maxeig: 1.7e+00 mineig: 5.9e-03 con: 2.9e+02



ep: 50 layer3.1.conv1 maxeig: 5.0e+00 mineig: 3.3e-07 con: 1.5e+07



ep: 50 layer3.1.conv2 maxeig: 9.8e-01 mineig: 1.0e-07 con: 9.6e+06 10^{2} 10¹ 10⁰ 10^{10} 10-10 10-2 10² 10⁶ 10^{-6} 10⁰ 10^{-2} 10^{-4} 10^{-6}

1000

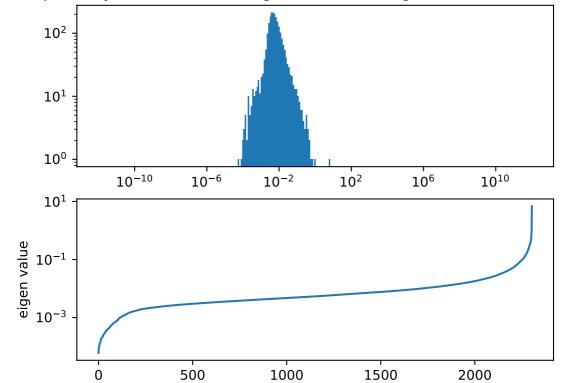
1500

2000

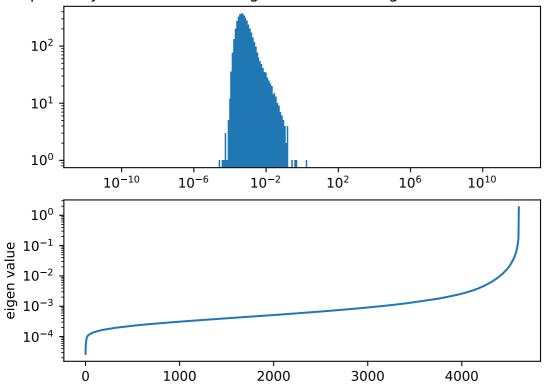
500

eigen value

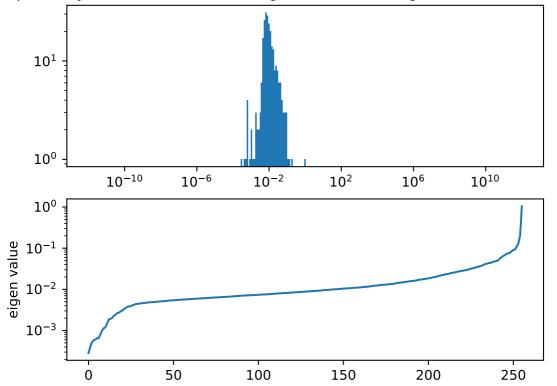
ep: 50 layer4.0.conv1 maxeig: 6.8e+00 mineig: 6.1e-05 con: 1.1e+05



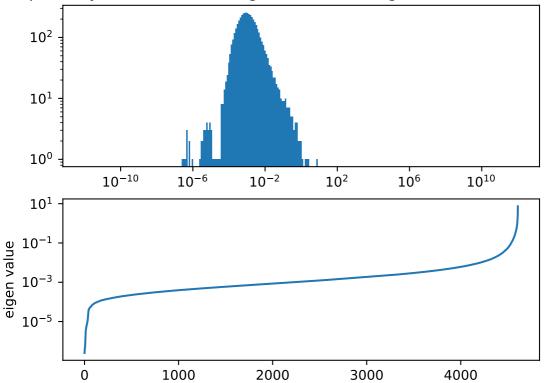
ep: 50 layer4.0.conv2 maxeig: 1.8e+00 mineig: 2.7e-05 con: 6.9e+04



ep: 50 layer4.0.shortcut.0 maxeig: 1.0e+00 mineig: 2.9e-04 con: 3.6e+03



ep: 50 layer4.1.conv1 maxeig: 7.4e+00 mineig: 2.5e-07 con: 2.9e+07



ep: 50 layer4.1.conv2 maxeig: 2.8e+00 mineig: -2.2e-08 con: 4.3e+10

