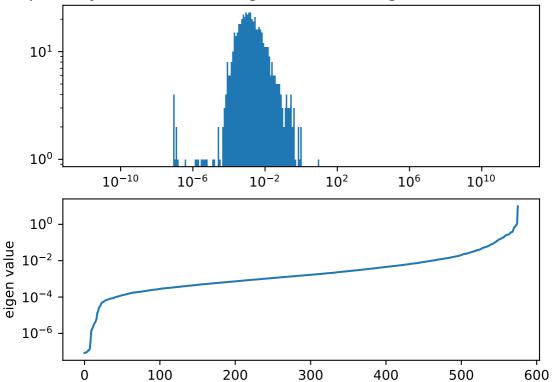
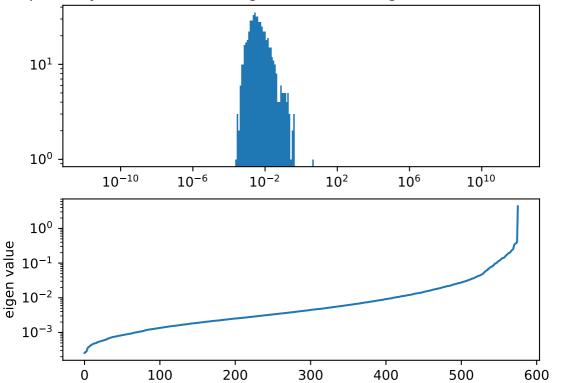
ep: 60 conv1 maxeig: 5.8e+01 mineig: 3.6e-03 con: 1.6e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

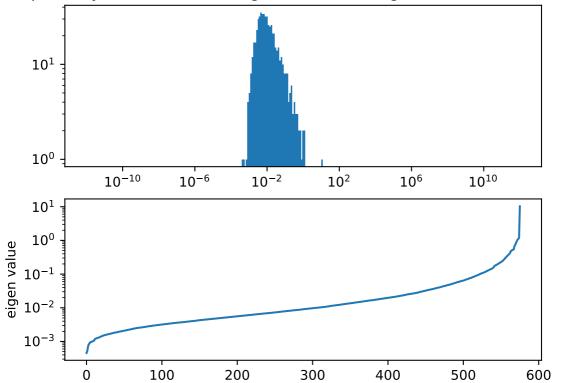
ep: 60 layer1.0.conv1 maxeig: 9.9e+00 mineig: 8.4e-08 con: 1.2e+08



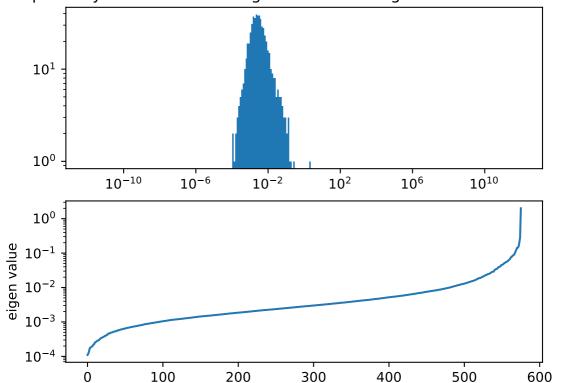
ep: 60 layer1.0.conv2 maxeig: 4.4e+00 mineig: 2.6e-04 con: 1.7e+04



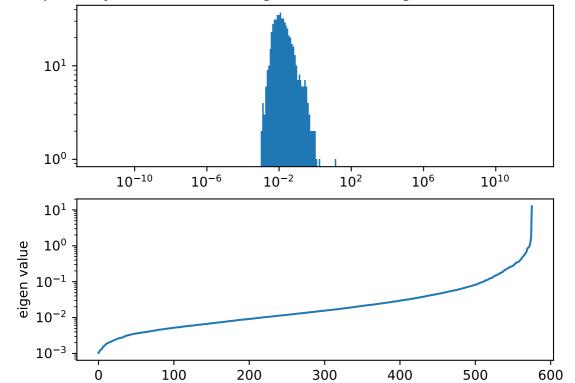
ep: 60 layer1.1.conv1 maxeig: 1.0e+01 mineig: 4.6e-04 con: 2.3e+04



ep: 60 layer1.1.conv2 maxeig: 2.0e+00 mineig: 1.1e-04 con: 1.8e+04

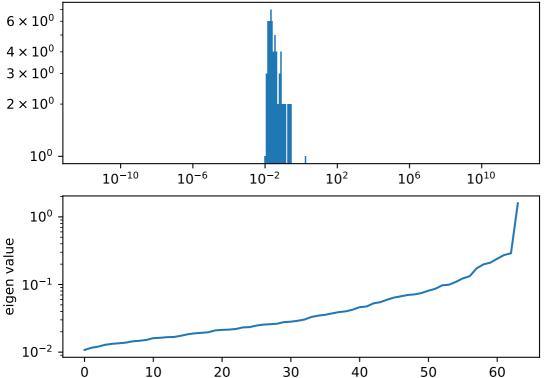


ep: 60 layer2.0.conv1 maxeig: 1.3e+01 mineig: 1.0e-03 con: 1.2e+04

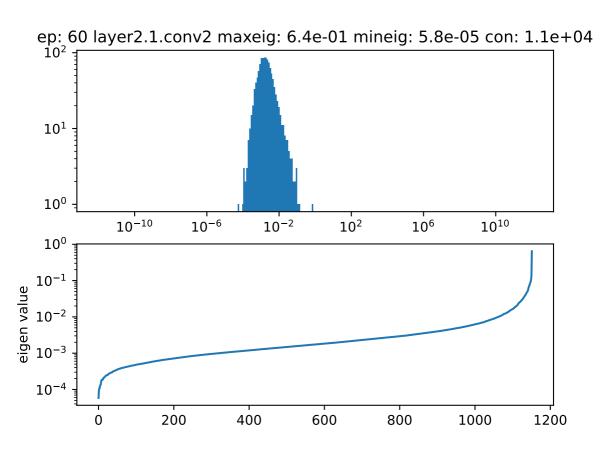


ep: 60 layer2.0.conv2 maxeig: 3.7e+00 mineig: 7.4e-04 con: 5.1e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-2} 10⁶ 10^{-6} 10² 10° e 10⁻¹ e 10⁻² 10⁻³ 200 400 600 800 1000 1200

ep: 60 layer2.0.shortcut.0 maxeig: 1.6e+00 mineig: 1.1e-02 con: 1.5e+02

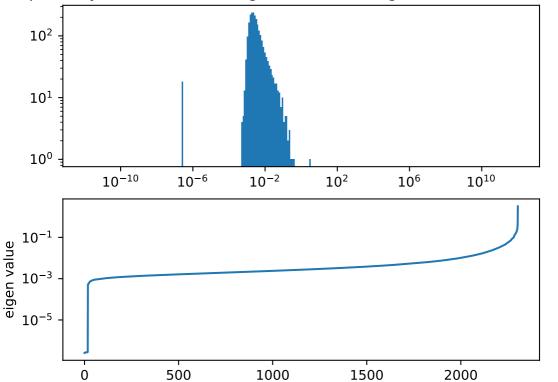


ep: 60 layer2.1.conv1 maxeig: 1.0e+01 mineig: 1.5e-04 con: 6.9e+04 10^{2} 10^{1} 10⁰ 1010 10-10 10-2 10^{-6} 10² 10⁶ 10^{1} eigen value 10^{-1} 10⁻³ 200 400 600 800 1000 1200

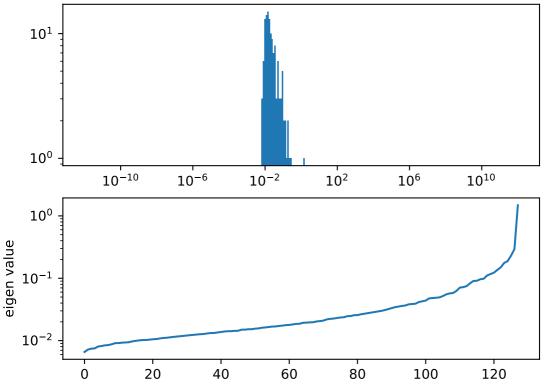


ep: 60 layer3.0.conv1 maxeig: 1.1e+01 mineig: 1.1e-03 con: 1.0e+04 10^{2} 10^{1} 10⁰ 1010 10^{-10} 10⁶ 10^{-6} 10^{-2} 10² 10^{1} eigen value 10 -2 10⁻³ 200 400 600 800 1000 1200

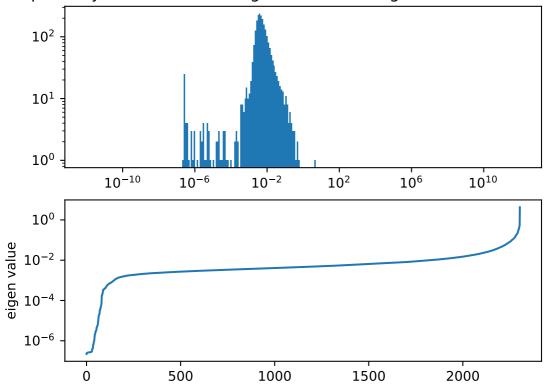
ep: 60 layer3.0.conv2 maxeig: 3.2e+00 mineig: 2.5e-07 con: 1.3e+07



ep: 60 layer3.0.shortcut.0 maxeig: 1.5e+00 mineig: 6.6e-03 con: 2.2e+02



ep: 60 layer3.1.conv1 maxeig: 4.2e+00 mineig: 2.2e-07 con: 1.9e+07



ep: 60 layer3.1.conv2 maxeig: 7.8e-01 mineig: 1.3e-07 con: 6.0e+06 10² 10^{1} 10⁰ 1010 10-10 10^{-6} 10⁶ 10^{-2} 10² 10⁰ 10^{-2} 10^{-4} 10^{-6}

1000

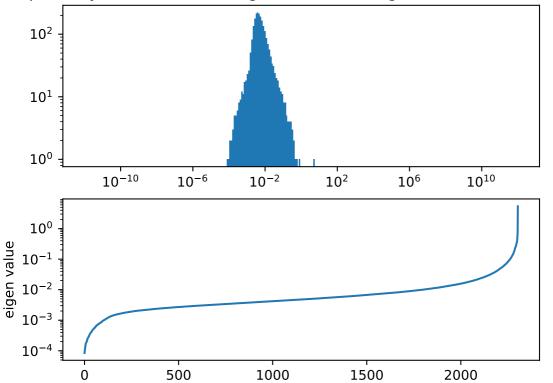
1500

2000

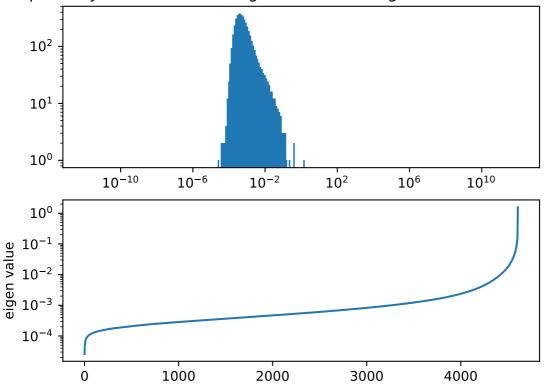
500

eigen value

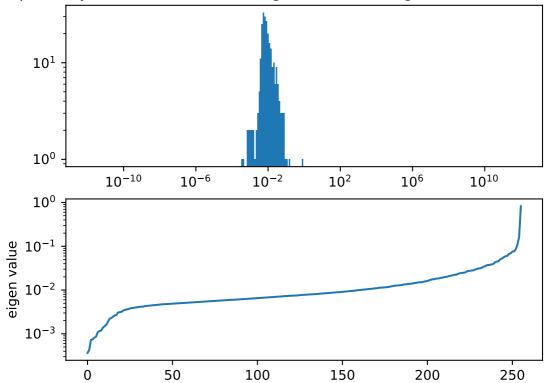
ep: 60 layer4.0.conv1 maxeig: 5.4e+00 mineig: 8.5e-05 con: 6.4e+04



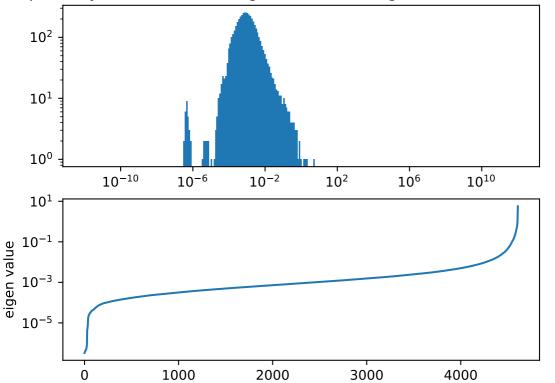
ep: 60 layer4.0.conv2 maxeig: 1.6e+00 mineig: 2.6e-05 con: 6.0e+04



ep: 60 layer4.0.shortcut.0 maxeig: 8.2e-01 mineig: 3.7e-04 con: 2.2e+03



ep: 60 layer4.1.conv1 maxeig: 5.7e+00 mineig: 3.3e-07 con: 1.7e+07



ep: 60 layer4.1.conv2 maxeig: 3.8e+00 mineig: -1.0e-08 con: 2.7e+11

