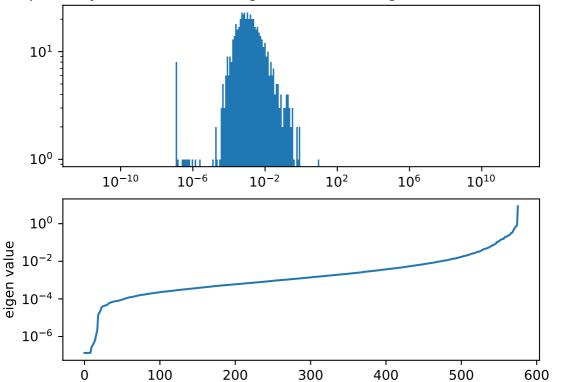
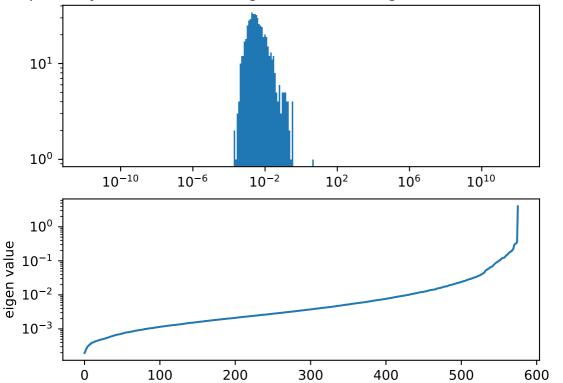
ep: 70 conv1 maxeig: 5.8e+01 mineig: 3.8e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

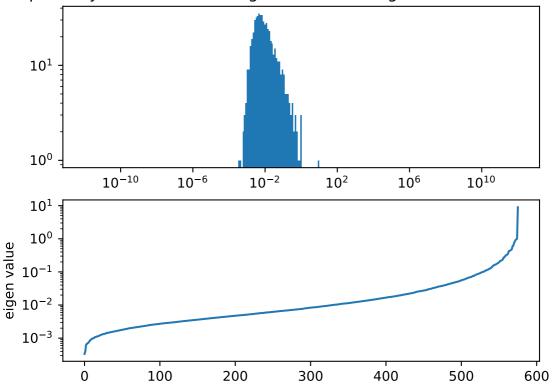
ep: 70 layer1.0.conv1 maxeig: 8.4e+00 mineig: 1.3e-07 con: 6.3e+07



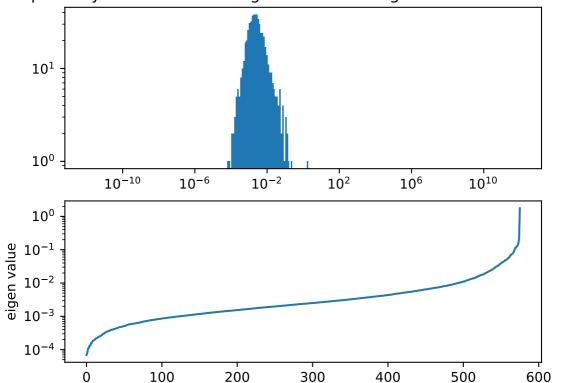
ep: 70 layer1.0.conv2 maxeig: 4.0e+00 mineig: 2.0e-04 con: 2.0e+04



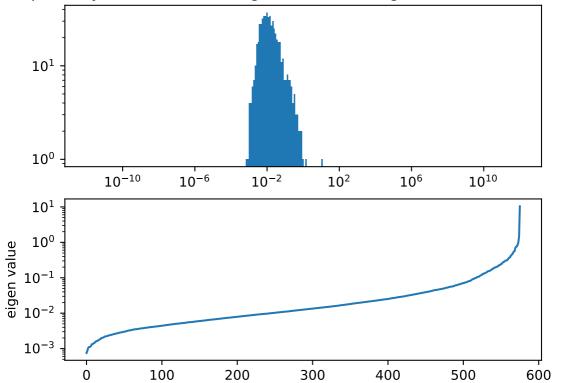
ep: 70 layer1.1.conv1 maxeig: 8.9e+00 mineig: 3.3e-04 con: 2.7e+04



ep: 70 layer1.1.conv2 maxeig: 1.8e+00 mineig: 6.9e-05 con: 2.5e+04



ep: 70 layer2.0.conv1 maxeig: 1.0e+01 mineig: 7.5e-04 con: 1.4e+04



ep: 70 layer2.0.conv2 maxeig: 3.3e+00 mineig: 5.5e-04 con: 6.0e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10⁰ 10-3

600

800

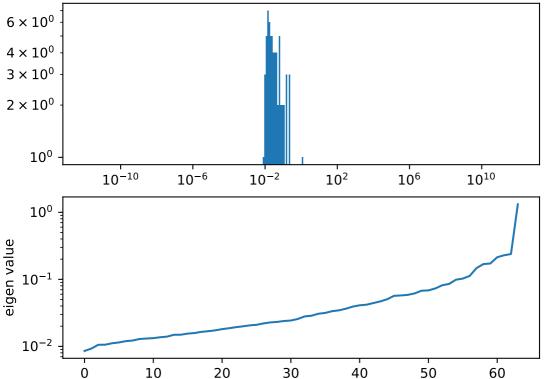
1000

1200

200

400

ep: 70 layer2.0.shortcut.0 maxeig: 1.3e+00 mineig: 8.5e-03 con: 1.5e+02

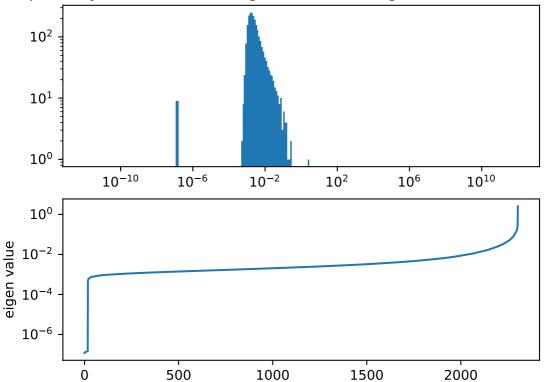


ep: 70 layer2.1.conv1 maxeig: 8.9e+00 mineig: 4.9e-05 con: 1.8e+05 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-6} 10-2 10⁶ 10² 10^{1} eigen value 200 400 600 800 1000 1200

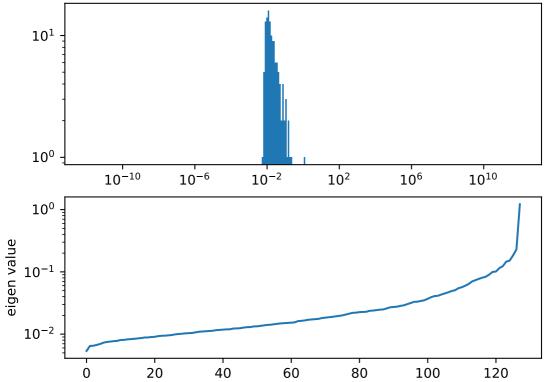
ep: 70 layer2.1.conv2 maxeig: 5.2e-01 mineig: 7.2e-05 con: 7.2e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10^{-1} eigen value 10^{-2} 10⁻³ 10^{-4} 200 400 600 800 1000 1200

ep: 70 layer3.0.conv1 maxeig: 9.0e+00 mineig: 1.2e-03 con: 7.5e+03 10^{2} 10¹ 10^{0} 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10^{1} 10⁰ eigen value 10^{-1} 10^{-2} 10⁻³ 200 400 600 800 1000 1200

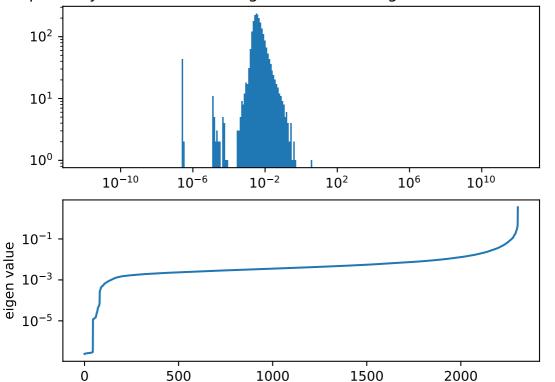
ep: 70 layer3.0.conv2 maxeig: 2.6e+00 mineig: 1.2e-07 con: 2.1e+07



ep: 70 layer3.0.shortcut.0 maxeig: 1.2e+00 mineig: 5.4e-03 con: 2.3e+02



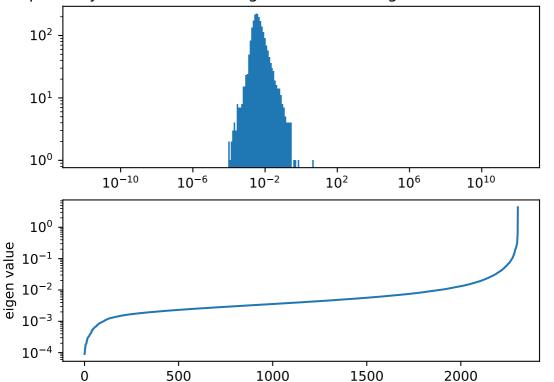
ep: 70 layer3.1.conv1 maxeig: 3.5e+00 mineig: 2.4e-07 con: 1.5e+07



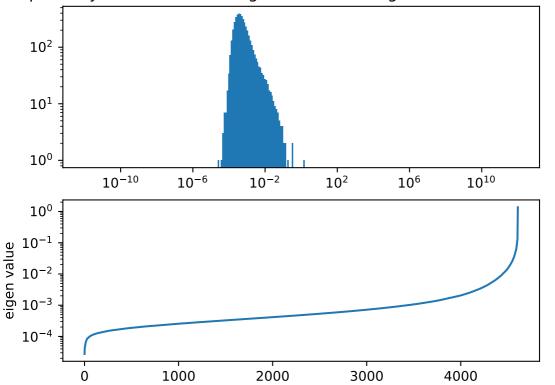
ep: 70 layer3.1.conv2 maxeig: 6.0e-01 mineig: 1.3e-07 con: 4.5e+06 10^{2} 10¹ 10⁰ 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10⁰ 10^{-2} 10^{-4} 10^{-6} 500 1000 1500 2000

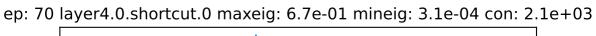
eigen value

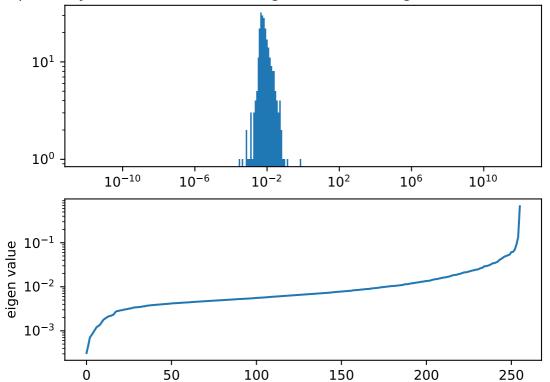
ep: 70 layer4.0.conv1 maxeig: 4.4e+00 mineig: 9.1e-05 con: 4.8e+04



ep: 70 layer4.0.conv2 maxeig: 1.4e+00 mineig: 2.8e-05 con: 5.0e+04







ep: 70 layer4.1.conv1 maxeig: 4.5e+00 mineig: 4.9e-07 con: 9.1e+06

