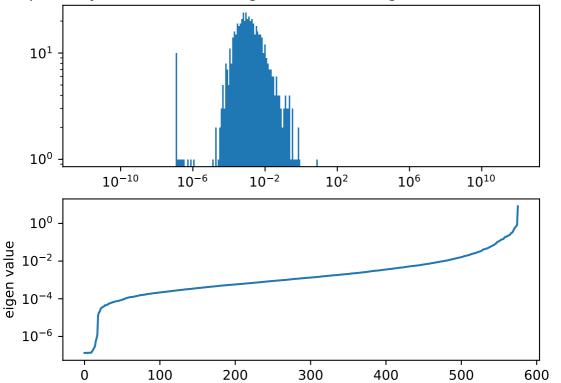
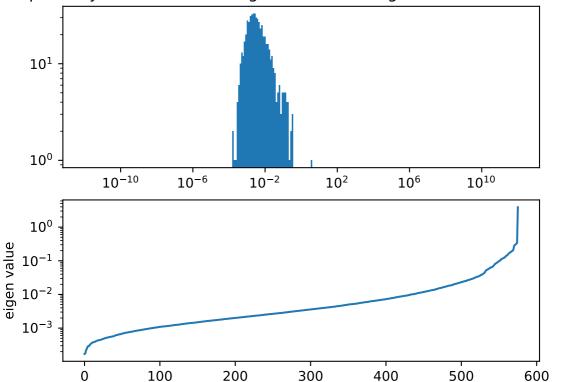
ep: 72 conv1 maxeig: 5.8e+01 mineig: 3.8e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

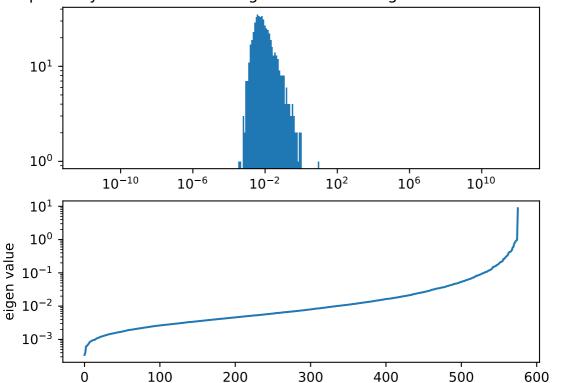
ep: 72 layer1.0.conv1 maxeig: 8.1e+00 mineig: 1.3e-07 con: 6.1e+07



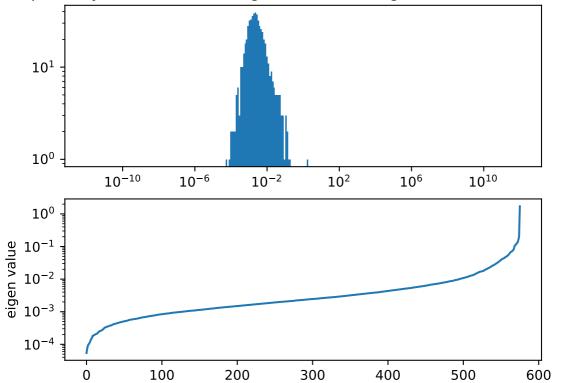
ep: 72 layer1.0.conv2 maxeig: 3.9e+00 mineig: 1.7e-04 con: 2.3e+04



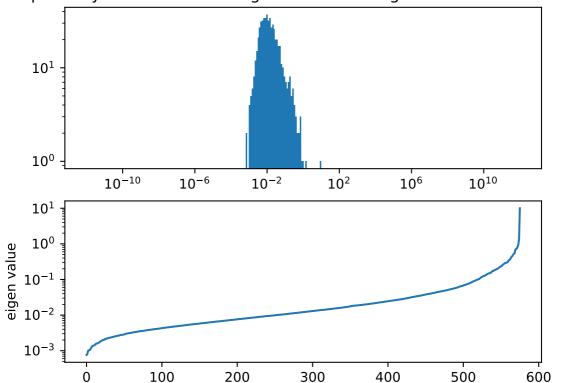
ep: 72 layer1.1.conv1 maxeig: 8.7e+00 mineig: 3.4e-04 con: 2.6e+04



ep: 72 layer1.1.conv2 maxeig: 1.7e+00 mineig: 5.4e-05 con: 3.2e+04

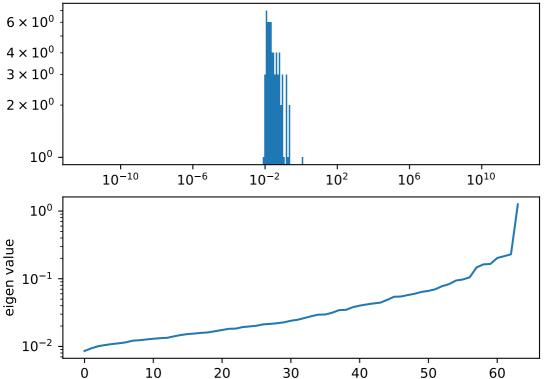


ep: 72 layer2.0.conv1 maxeig: 1.0e+01 mineig: 7.6e-04 con: 1.3e+04



ep: 72 layer2.0.conv2 maxeig: 3.1e+00 mineig: 5.4e-04 con: 5.9e+03 10^{2} 10¹ 10⁰ 1010 10-10 10^{-2} 10⁶ 10^{-6} 10² 10⁰ 10^{-3} 200 400 600 800 1000 1200

ep: 72 layer2.0.shortcut.0 maxeig: 1.3e+00 mineig: 8.6e-03 con: 1.5e+02

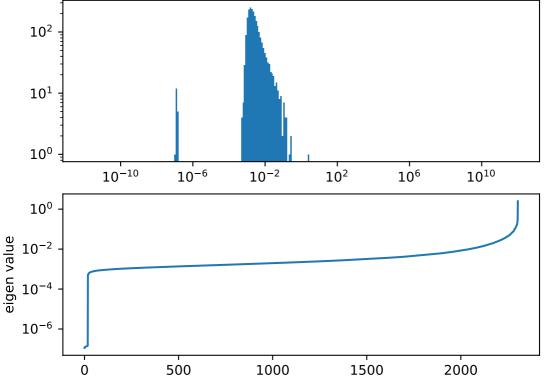


ep: 72 layer2.1.conv1 maxeig: 8.6e+00 mineig: 1.1e-04 con: 7.9e+04 10^{2} 10¹ 10^{0} 1010 10-10 10-2 10^{-6} 10² 10⁶ 10^{1} eigen value 10^{-1} 10⁻³ 200 400 600 800 1000 1200

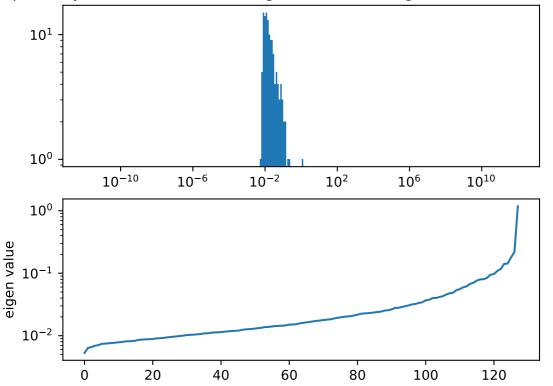
ep: 72 layer2.1.conv2 maxeig: 4.9e-01 mineig: 6.6e-05 con: 7.5e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10^{-1} eigen value 10 -3 10^{-4} 200 400 600 800 1000 1200

ep: 72 layer3.0.conv1 maxeig: 8.7e+00 mineig: 1.2e-03 con: 7.3e+03 10^{2} 10^{1} 10^{0} 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10^{1} 10° eigen value 10^{-1} 10^{-2} 10⁻³ 200 400 600 800 1000 1200

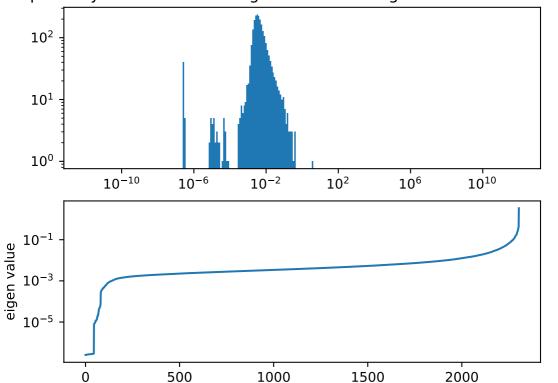
ep: 72 layer3.0.conv2 maxeig: 2.5e+00 mineig: 1.1e-07 con: 2.2e+07 10^{2}



ep: 72 layer3.0.shortcut.0 maxeig: 1.2e+00 mineig: 5.3e-03 con: 2.2e+02



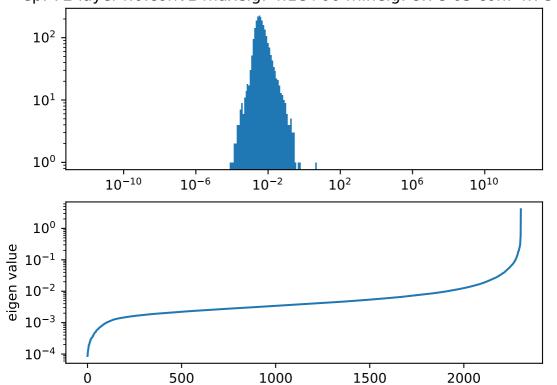
ep: 72 layer3.1.conv1 maxeig: 3.4e+00 mineig: 2.5e-07 con: 1.3e+07



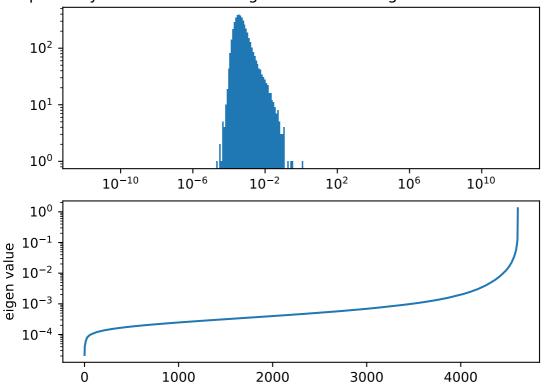
ep: 72 layer3.1.conv2 maxeig: 5.7e-01 mineig: 1.3e-07 con: 4.5e+06 10² 10¹ 10⁰ 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10^{0} 10^{-2} 10^{-4} 10^{-6} 500 1000 1500 2000

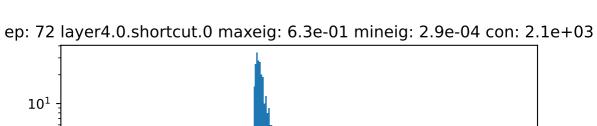
eigen value

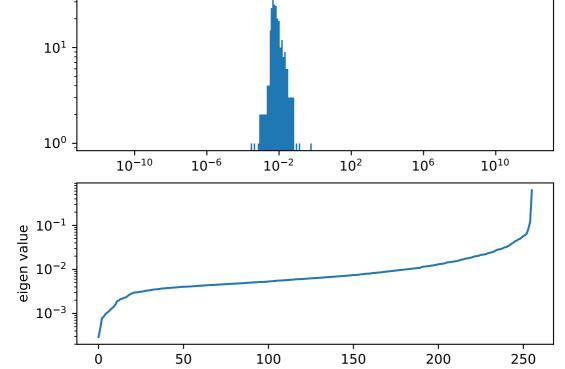
ep: 72 layer4.0.conv1 maxeig: 4.1e+00 mineig: 8.7e-05 con: 4.7e+04



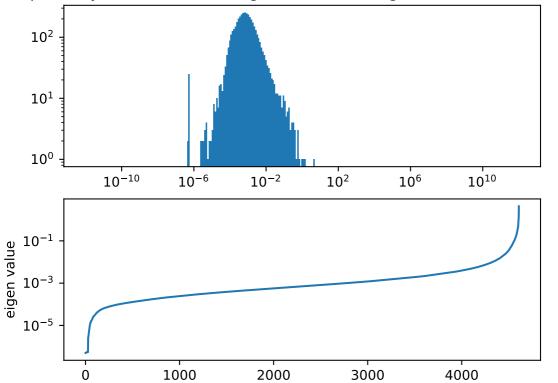
ep: 72 layer4.0.conv2 maxeig: 1.3e+00 mineig: 2.2e-05 con: 6.1e+04







ep: 72 layer4.1.conv1 maxeig: 4.3e+00 mineig: 5.0e-07 con: 8.7e+06



ep: 72 layer4.1.conv2 maxeig: 4.3e+00 mineig: -3.5e-08 con: 6.4e+11 10^{3} 10^{2} 10¹ 10⁰ 10-10 1010 10^{-2} 10⁶ 10^{-6} 10² 10° 10^{-2} eigen value 10^{-4} 10^{-6} 10-8

2000

1000

4000

3000

