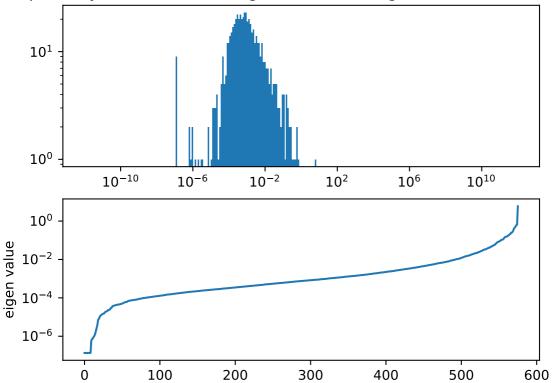
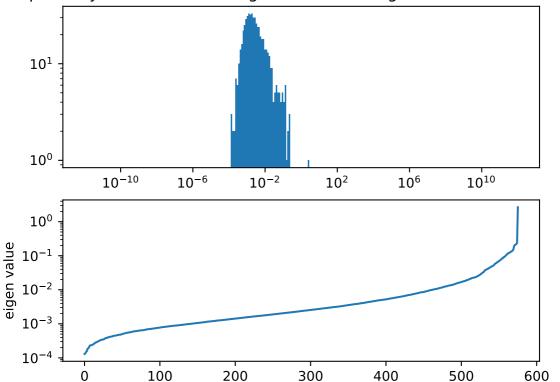
ep: 90 conv1 maxeig: 5.8e+01 mineig: 3.9e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

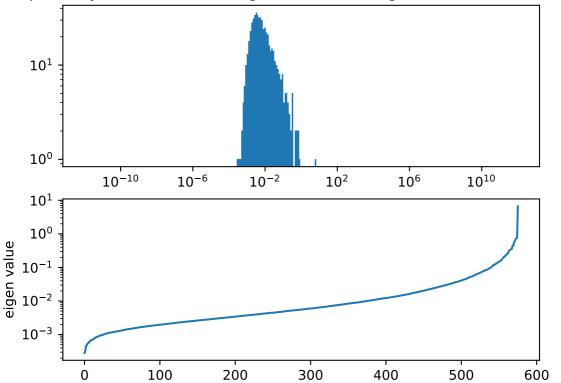
ep: 90 layer1.0.conv1 maxeig: 5.9e+00 mineig: 1.3e-07 con: 4.4e+07



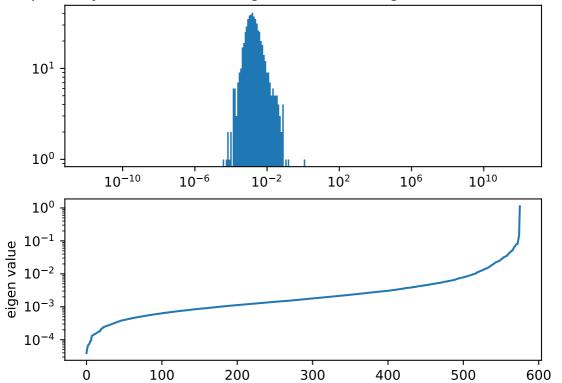
ep: 90 layer1.0.conv2 maxeig: 2.7e+00 mineig: 1.3e-04 con: 2.0e+04



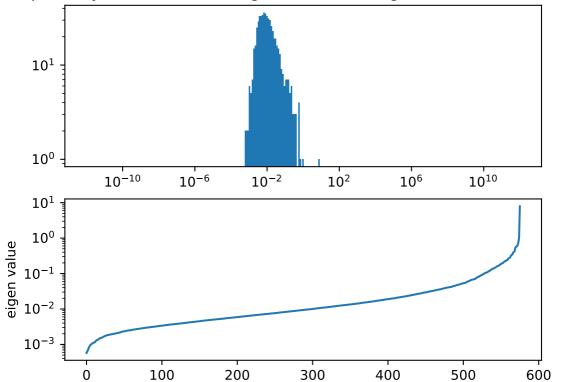
ep: 90 layer1.1.conv1 maxeig: 6.6e+00 mineig: 2.8e-04 con: 2.3e+04



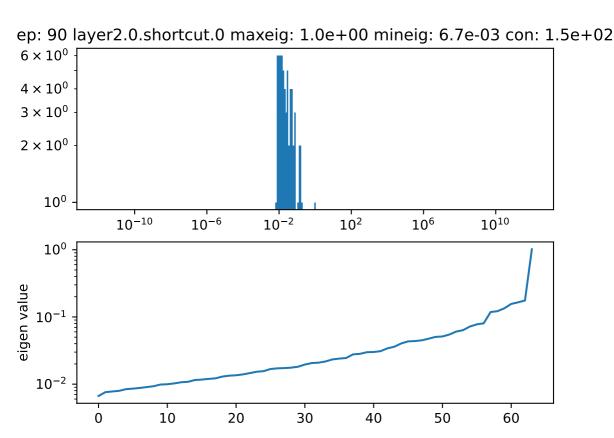
ep: 90 layer1.1.conv2 maxeig: 1.1e+00 mineig: 4.0e-05 con: 2.8e+04



ep: 90 layer2.0.conv1 maxeig: 7.9e+00 mineig: 5.7e-04 con: 1.4e+04



ep: 90 layer2.0.conv2 maxeig: 2.5e+00 mineig: 4.8e-04 con: 5.2e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10⁰ e ide n v = 10⁻¹ 10⁻² 10⁻³ 200 400 600 800 1000 1200

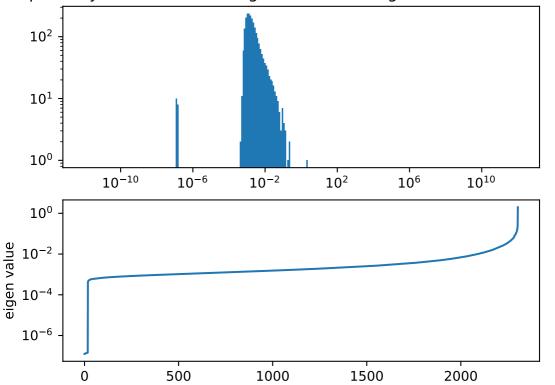


ep: 90 layer2.1.conv1 maxeig: 6.5e+00 mineig: 6.8e-05 con: 9.6e+04 10^{2} 10¹ 10^{0} 1010 10-10 10-2 10⁶ 10^{-6} 10² 10^{1} eigen value 10⁻³ 200 400 600 800 1000 1200

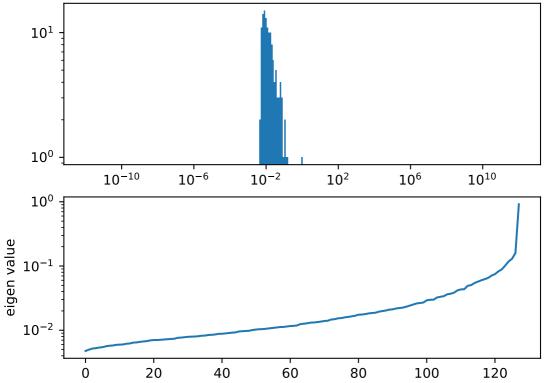
ep: 90 layer2.1.conv2 maxeig: 3.7e-01 mineig: 9.1e-05 con: 4.0e+03 10^{2} 10^{1} 10⁰ 1010 10⁻¹⁰ 10⁶ 10^{-6} 10^{-2} 10² 10^{-1} eigen value 10⁻² 10⁻³ 10^{-4} 200 400 600 800 1000 1200

ep: 90 layer3.0.conv1 maxeig: 6.7e+00 mineig: 8.9e-04 con: 7.5e+03 10^{2} 10^{1} 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

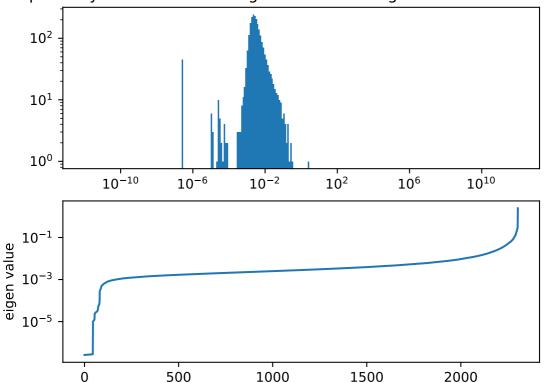
ep: 90 layer3.0.conv2 maxeig: 2.0e+00 mineig: 1.2e-07 con: 1.6e+07



ep: 90 layer3.0.shortcut.0 maxeig: 9.2e-01 mineig: 4.8e-03 con: 1.9e+02



ep: 90 layer3.1.conv1 maxeig: 2.5e+00 mineig: 2.6e-07 con: 9.5e+06



ep: 90 layer3.1.conv2 maxeig: 4.1e-01 mineig: 6.4e-08 con: 6.4e+06 10^{2} 10^{1} 10⁰ 10^{10} 10^{-10} 10^{-6} 10⁶ 10^{-2} 10² eigen value 10^{-6}

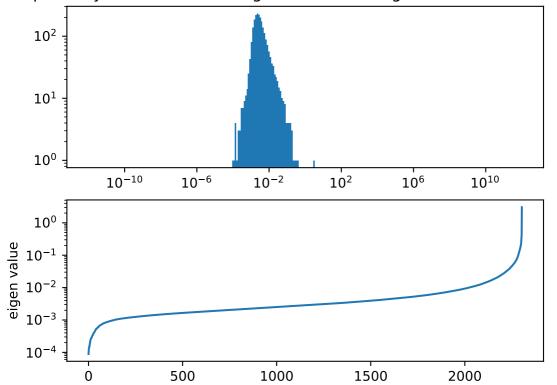
1000

1500

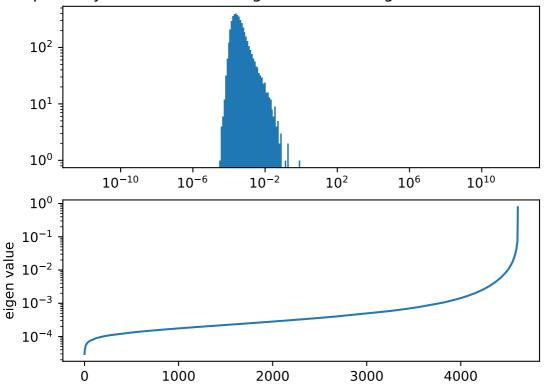
2000

500

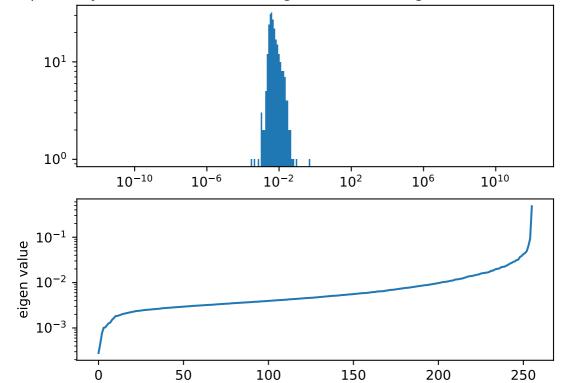
ep: 90 layer4.0.conv1 maxeig: 3.0e+00 mineig: 8.9e-05 con: 3.4e+04



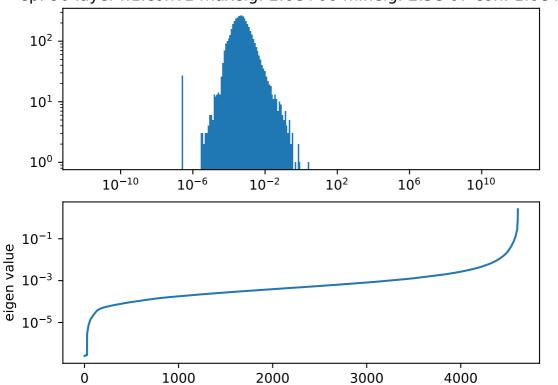
ep: 90 layer4.0.conv2 maxeig: 7.7e-01 mineig: 3.0e-05 con: 2.6e+04



ep: 90 layer4.0.shortcut.0 maxeig: 4.8e-01 mineig: 2.8e-04 con: 1.7e+03



ep: 90 layer4.1.conv1 maxeig: 2.6e+00 mineig: 2.5e-07 con: 1.0e+07



ep: 90 layer4.1.conv2 maxeig: 3.0e+00 mineig: -3.1e-08 con: 5.3e+10

