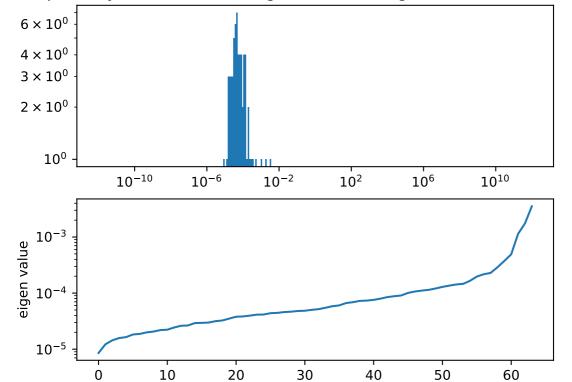
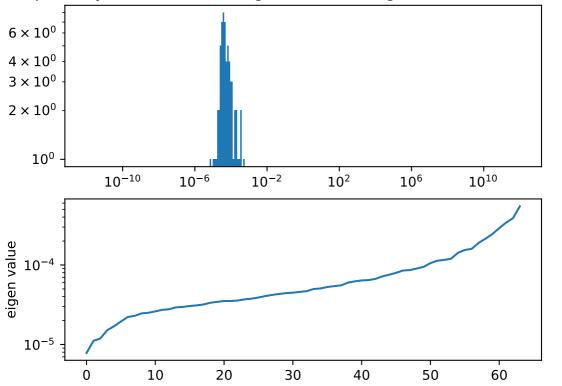
ep: 46 conv1 maxeig: 1.5e+00 mineig: 3.8e-08 con: 3.9e+07 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10-10 10^{-6} 10^{-2} 10² 10⁶ 10⁰ 10^{-2} eigen value 10^{-4} 10^{-6} 30 50 60 10 20 40

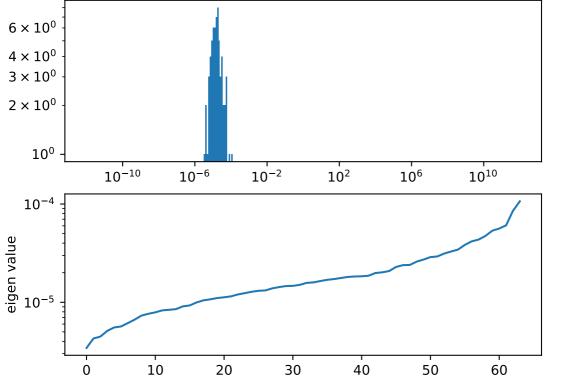
ep: 46 layer1.0.conv1 maxeig: 3.5e-03 mineig: 8.6e-06 con: 4.1e+02



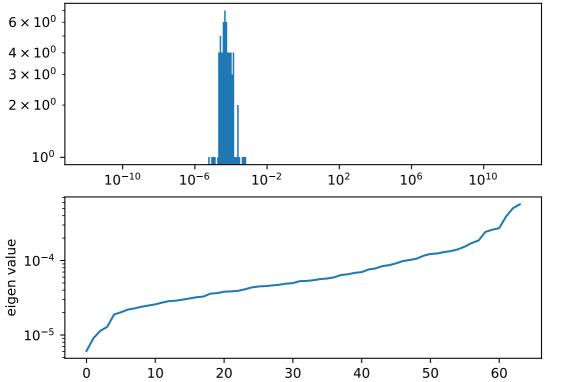
ep: 46 layer1.0.conv2 maxeig: 5.5e-04 mineig: 7.8e-06 con: 7.0e+01



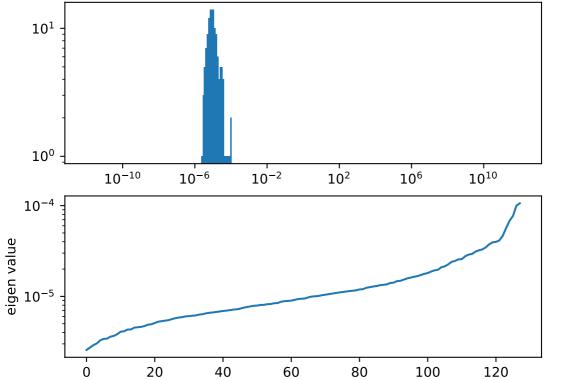
ep: 46 layer1.1.conv1 maxeig: 1.1e-04 mineig: 3.4e-06 con: 3.1e+01



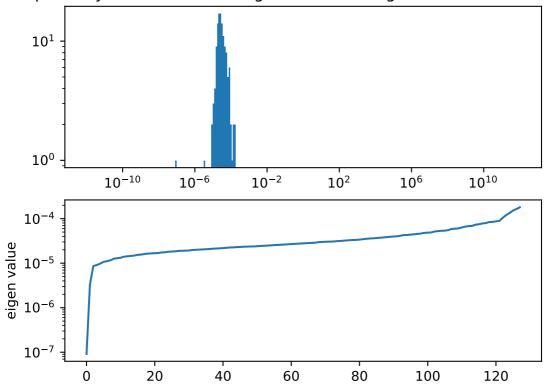
ep: 46 layer1.1.conv2 maxeig: 5.7e-04 mineig: 6.1e-06 con: 9.3e+01



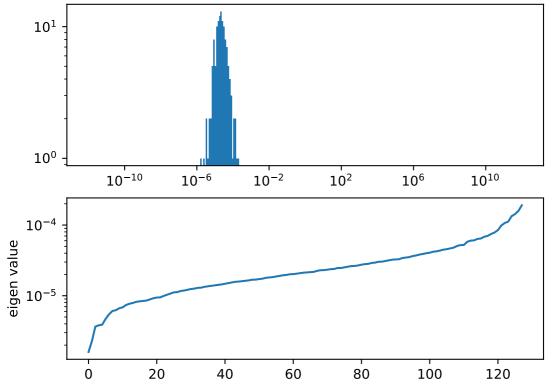
ep: 46 layer2.0.conv1 maxeig: 1.1e-04 mineig: 2.6e-06 con: 4.1e+01



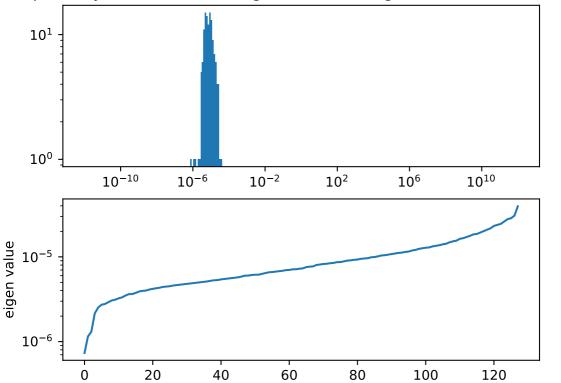
ep: 46 layer2.0.conv2 maxeig: 1.8e-04 mineig: 9.1e-08 con: 2.0e+03



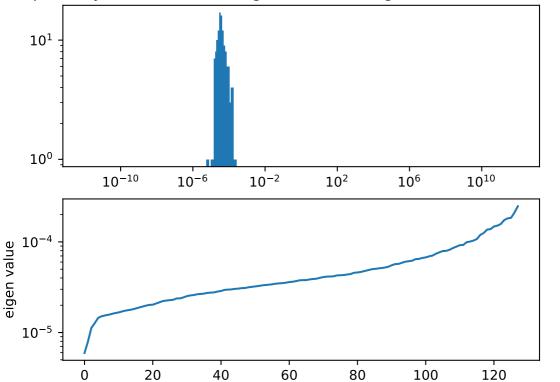
ep: 46 layer2.0.shortcut.0 maxeig: 1.9e-04 mineig: 1.6e-06 con: 1.2e+02



ep: 46 layer2.1.conv1 maxeig: 4.0e-05 mineig: 7.3e-07 con: 5.4e+01



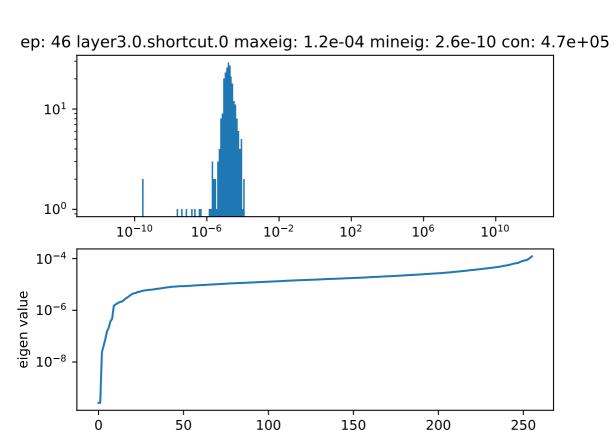
ep: 46 layer2.1.conv2 maxeig: 2.5e-04 mineig: 6.0e-06 con: 4.2e+01

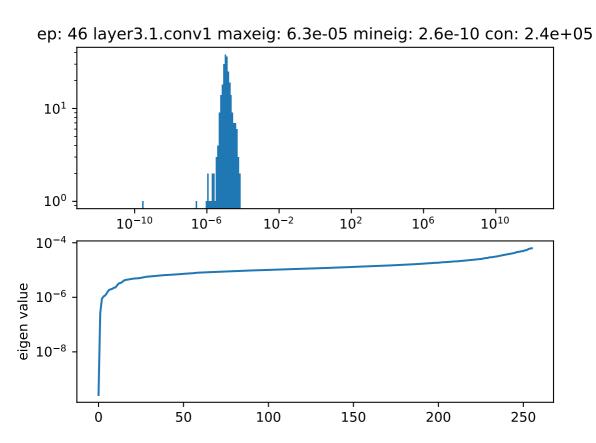


ep: 46 layer3.0.conv1 maxeig: 7.4e-05 mineig: 1.0e-10 con: 7.1e+05 10^{1} 10⁰ 1010 10-10 10-2 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-7} 10^{-9} 250 50 100 150 200

eigen value

ep: 46 layer3.0.conv2 maxeig: 1.8e-04 mineig: 5.3e-10 con: 3.5e+05 10^{1} 10⁰ 1010 10-10 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 10₋₈ 250 50 100 150 200



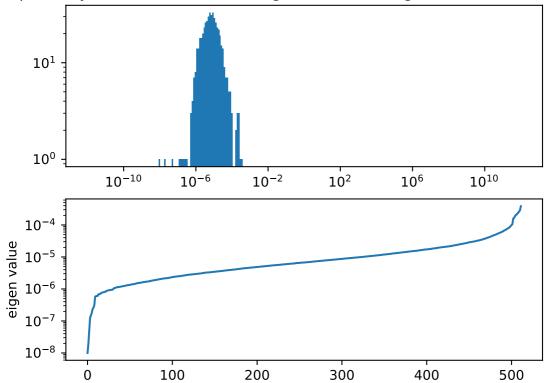


ep: 46 layer3.1.conv2 maxeig: 3.0e-04 mineig: 1.9e-06 con: 1.6e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ eigen value 10⁻⁴ 10⁻⁵ 250 50 100 150 200

ep: 46 layer4.0.conv1 maxeig: 1.7e-04 mineig: 8.9e-07 con: 1.9e+02 10^{1} 10⁰ 10 10 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁵ 10^{-6} 100 500 200 300 400

ep: 46 layer4.0.conv2 maxeig: 4.5e-04 mineig: 2.9e-08 con: 1.6e+04 10^{1} 10⁰ 10 10 10² 10^{-10} 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10^{-5} 10^{-6} 10^{-7} 100 500 200 300 400

ep: 46 layer4.0.shortcut.0 maxeig: 3.8e-04 mineig: 1.0e-08 con: 3.8e+04



ep: 46 layer4.1.conv1 maxeig: 1.7e-04 mineig: 7.3e-11 con: 2.4e+06 10^{1} 10⁰ 10¹⁰ 10⁻¹⁰ 10² 10-6 10-2 10⁶ 10⁻⁵ eigen value 10-7 10^{-9} 100

200

300

400

500

ep: 46 layer4.1.conv2 maxeig: 1.2e-03 mineig: 4.0e-08 con: 2.9e+04 10^{1} 10⁰ 10 10 10-10 10^{-6} 10^{-2} 10² 10⁶ 10⁻³ 10^{-4} 10^{-7} 100 500 200 300 400

