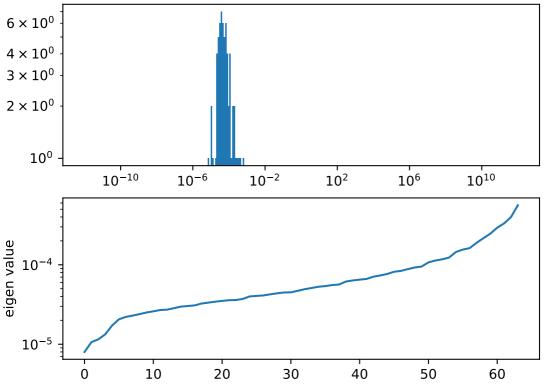
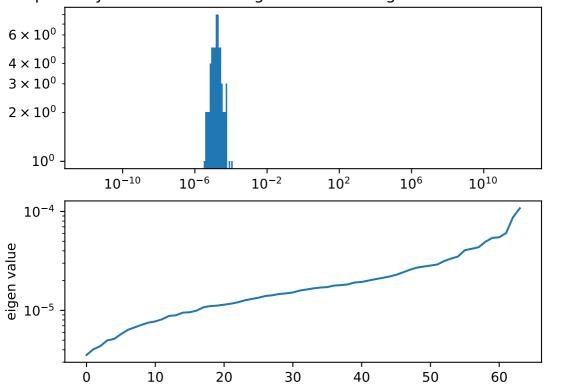
ep: 48 conv1 maxeig: 1.4e+00 mineig: 1.7e-08 con: 8.2e+07 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10^{-10} 10^{-6} 10² 10⁶ 10^{-2} 10^{-1} eigen value 10^{-3} 10⁻⁵ 10^{-7} 50 60 10 20 30 40

ep: 48 layer1.0.conv1 maxeig: 3.6e-03 mineig: 1.0e-05 con: 3.6e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10² 10⁶ 10^{-6} 10^{-2} eigen value 10⁻³ 10⁻⁵ 30 50 60 10 20 40

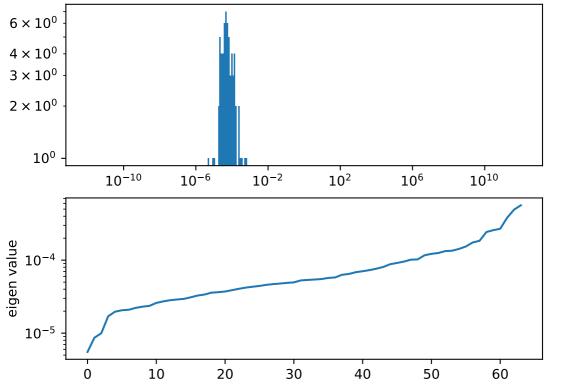
ep: 48 layer1.0.conv2 maxeig: 5.6e-04 mineig: 8.0e-06 con: 7.0e+01



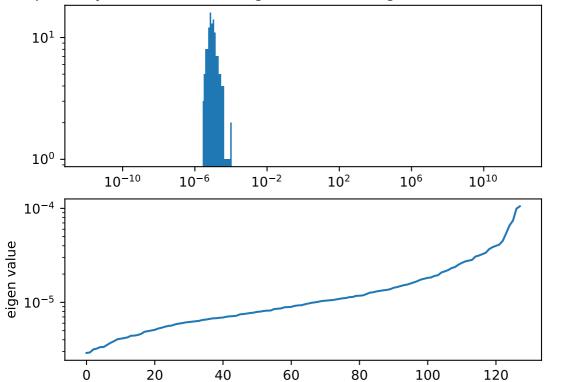
ep: 48 layer1.1.conv1 maxeig: 1.1e-04 mineig: 3.5e-06 con: 3.0e+01



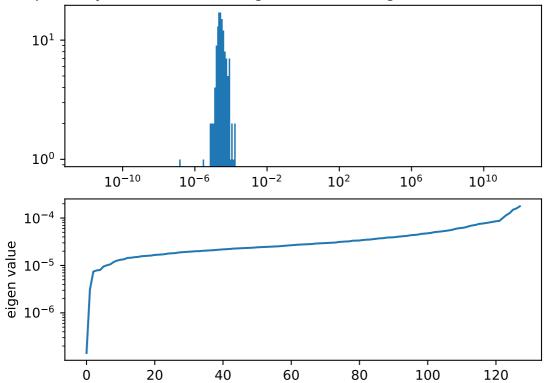
ep: 48 layer1.1.conv2 maxeig: 5.6e-04 mineig: 5.5e-06 con: 1.0e+02



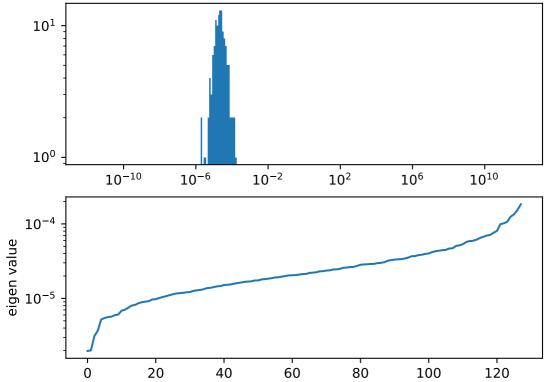
ep: 48 layer2.0.conv1 maxeig: 1.1e-04 mineig: 2.9e-06 con: 3.6e+01



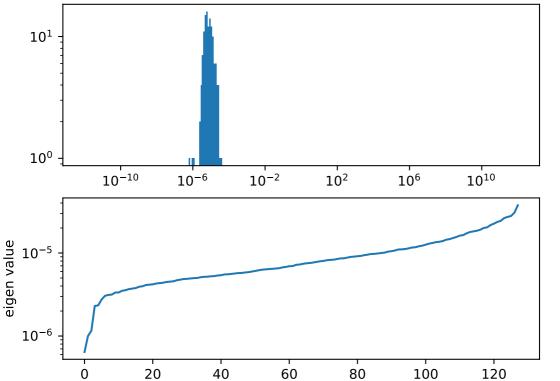
ep: 48 layer2.0.conv2 maxeig: 1.8e-04 mineig: 1.4e-07 con: 1.2e+03



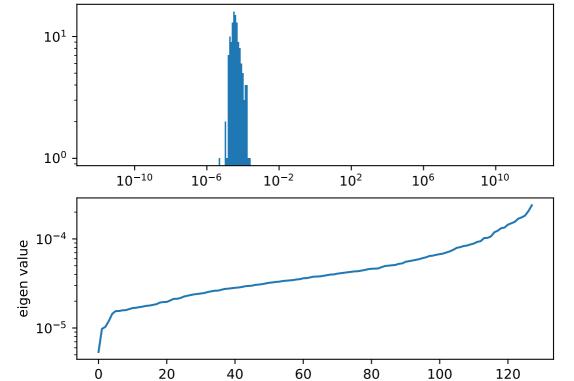
ep: 48 layer2.0.shortcut.0 maxeig: 1.8e-04 mineig: 2.0e-06 con: 9.3e+01



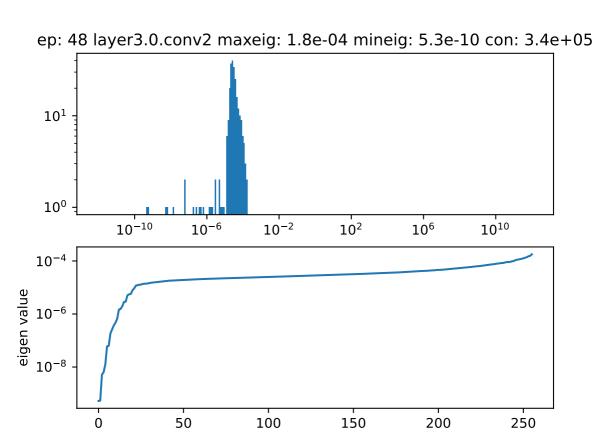
ep: 48 layer2.1.conv1 maxeig: 3.8e-05 mineig: 6.4e-07 con: 5.8e+01

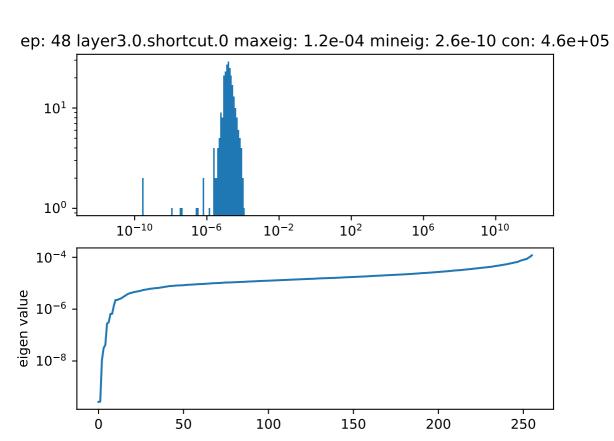


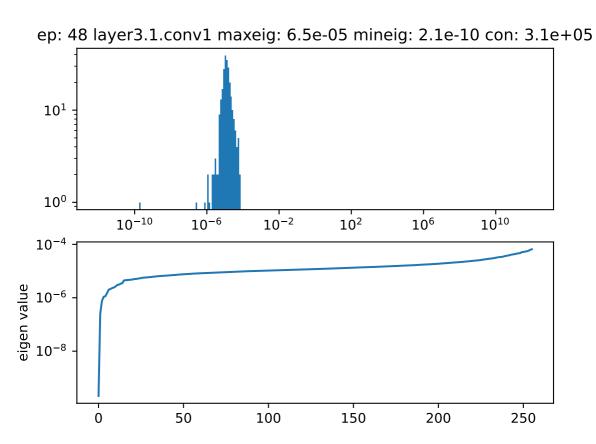
ep: 48 layer2.1.conv2 maxeig: 2.4e-04 mineig: 5.4e-06 con: 4.4e+01



ep: 48 layer3.0.conv1 maxeig: 7.0e-05 mineig: 1.1e-10 con: 6.7e+05 10^{1} 10⁰ 1010 10-10 10-2 10² 10⁶ 10^{-6} 10⁻⁵ eigen value 10^{-9} 250 50 100 150 200





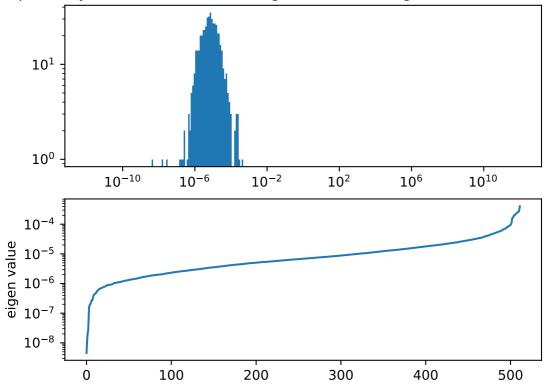


ep: 48 layer3.1.conv2 maxeig: 3.2e-04 mineig: 2.2e-06 con: 1.5e+02 10^{1} 10⁰ 10¹⁰ 10² 10-10 10-6 10-2 10⁶ eigen value 10⁻⁴ 250 50 100 150 200

ep: 48 layer4.0.conv1 maxeig: 1.8e-04 mineig: 7.7e-07 con: 2.3e+02 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁵ 10^{-6} 100 500 200 300 400

ep: 48 layer4.0.conv2 maxeig: 4.8e-04 mineig: 1.3e-08 con: 3.7e+04 10^{1} 10⁰ 10 10 10^{-10} 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 10^{-5} 10^{-6} 10^{-7} 10-8 100 500 200 300 400

ep: 48 layer4.0.shortcut.0 maxeig: 4.0e-04 mineig: 4.6e-09 con: 8.8e+04



ep: 48 layer4.1.conv1 maxeig: 1.7e-04 mineig: 5.5e-11 con: 3.0e+06 10^{1} 10⁰ 10¹⁰ 10² 10-10 10^{-6} 10-2 10⁶ 10⁻⁵ 10^{-7} 10^{-9}

200

300

400

500

100

eigen value

ep: 48 layer4.1.conv2 maxeig: 1.2e-03 mineig: 4.7e-08 con: 2.7e+04 10^{1} 10⁰ 10 10 10-10 10^{-6} 10-2 10² 10⁶ 10^{-3} en lo⁻⁴ lo⁻⁵ en lo⁻⁶ 10^{-4} 10⁻⁵ 10^{-7} 100 500 200 300 400

