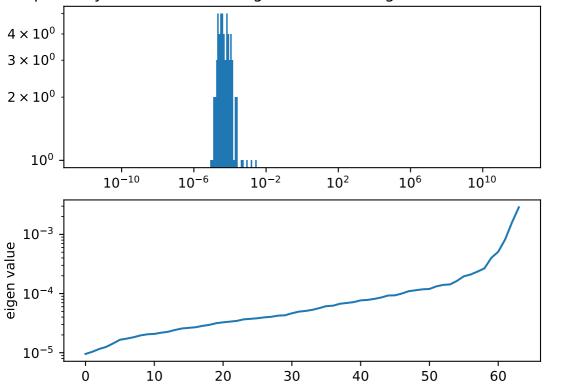
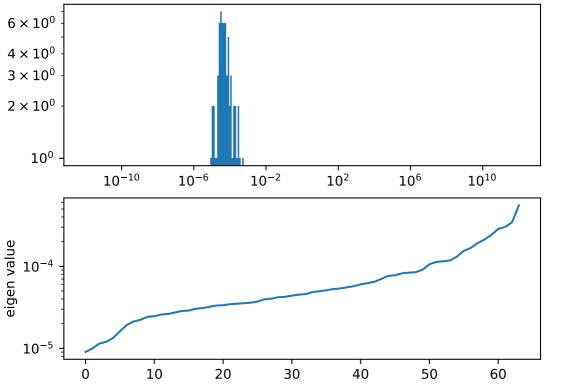
ep: 39 conv1 maxeig: 1.3e+00 mineig: 6.2e-07 con: 2.1e+06 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10^{-2} 10² 10⁶ 10^{-6} 10^{-1} eigen value 10⁻⁵ 10 20 30 50 60 40

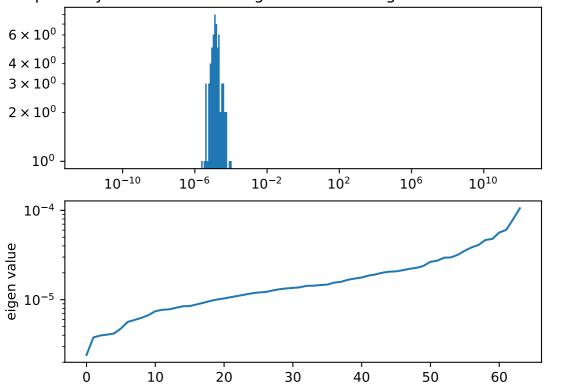
ep: 39 layer1.0.conv1 maxeig: 2.9e-03 mineig: 9.5e-06 con: 3.0e+02



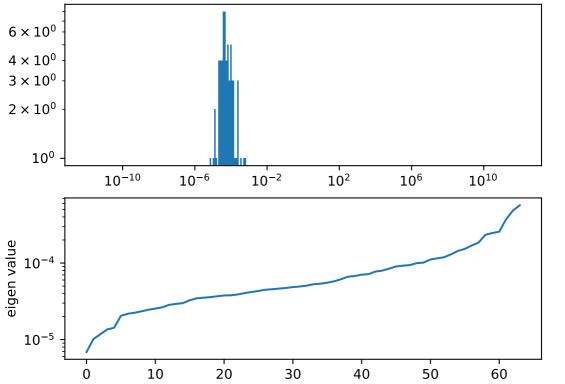
ep: 39 layer1.0.conv2 maxeig: 5.6e-04 mineig: 9.0e-06 con: 6.2e+01



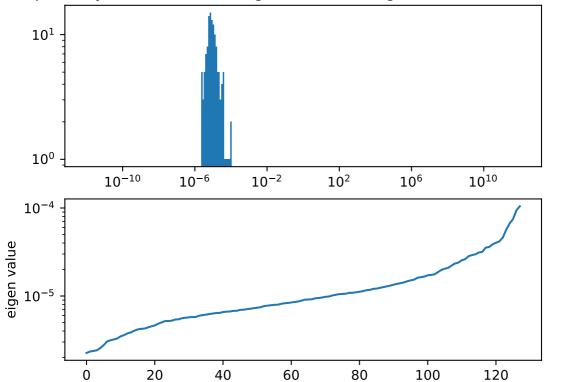
ep: 39 layer1.1.conv1 maxeig: 1.1e-04 mineig: 2.4e-06 con: 4.4e+01



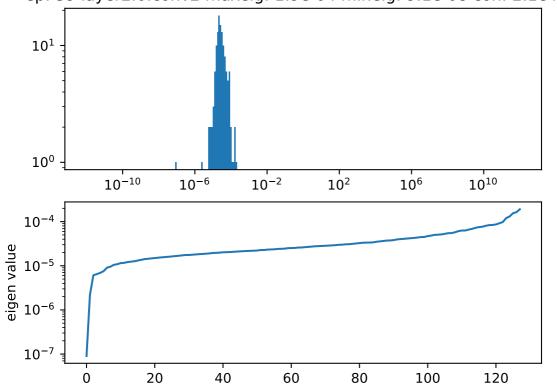
ep: 39 layer1.1.conv2 maxeig: 5.7e-04 mineig: 6.9e-06 con: 8.2e+01



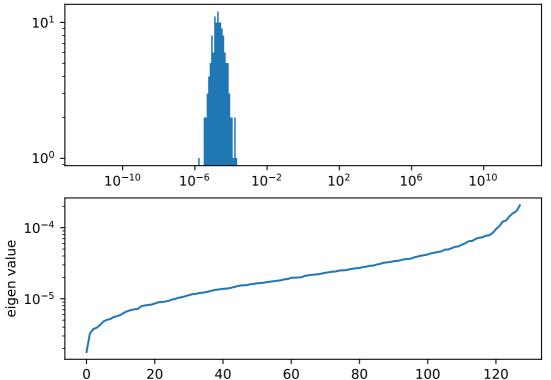
ep: 39 layer2.0.conv1 maxeig: 1.0e-04 mineig: 2.3e-06 con: 4.6e+01



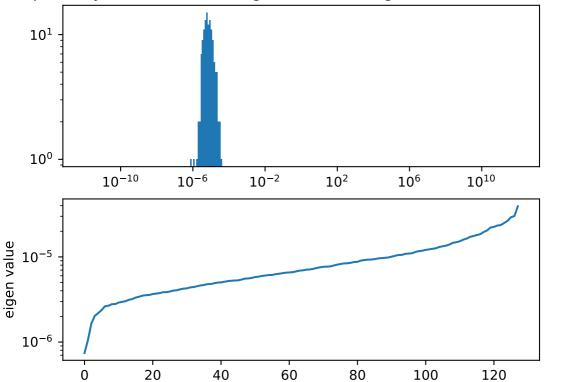
ep: 39 layer2.0.conv2 maxeig: 1.9e-04 mineig: 9.1e-08 con: 2.1e+03



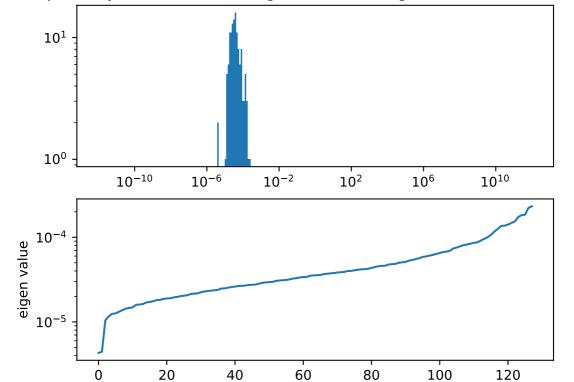
ep: 39 layer2.0.shortcut.0 maxeig: 2.1e-04 mineig: 1.8e-06 con: 1.2e+02



ep: 39 layer2.1.conv1 maxeig: 3.9e-05 mineig: 7.4e-07 con: 5.3e+01



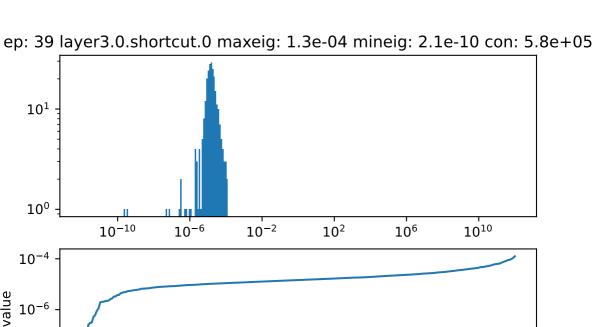
ep: 39 layer2.1.conv2 maxeig: 2.3e-04 mineig: 4.3e-06 con: 5.4e+01

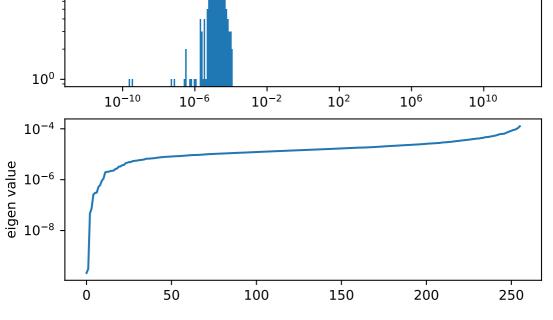


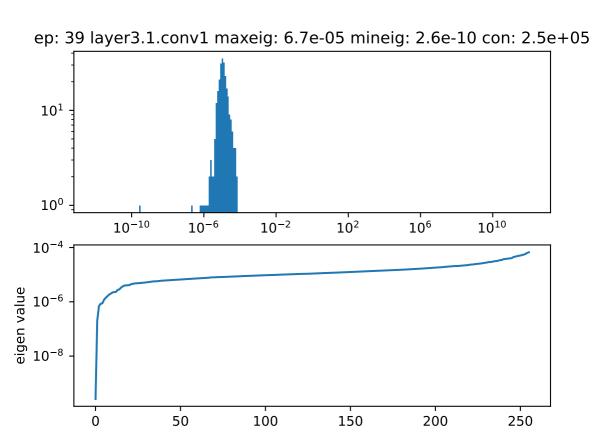
ep: 39 layer3.0.conv1 maxeig: 7.3e-05 mineig: 1.1e-10 con: 6.8e+05 10¹ 10⁰ 10-10 1010 10^{-2} 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-7} 10^{-9} 250 50 100 150 200

eigen value

ep: 39 layer3.0.conv2 maxeig: 2.0e-04 mineig: 4.9e-10 con: 4.0e+05 10^{1} 10⁰ 1010 10-2 10² 10⁶ 10^{-10} 10^{-6} 10^{-4} eigen value 10⁻⁸ 250 50 100 150 200







ep: 39 layer3.1.conv2 maxeig: 3.2e-04 mineig: 1.4e-06 con: 2.3e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ eigen value 10⁻⁴ 250 50 100 150 200

ep: 39 layer4.0.conv1 maxeig: 1.8e-04 mineig: 4.9e-07 con: 3.7e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} eigen value 10^{-5} 10^{-6} 100 500 200 300 400

ep: 39 layer4.0.conv2 maxeig: 4.6e-04 mineig: 2.2e-07 con: 2.1e+03 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} 10⁻⁵ 10^{-6}

200

300

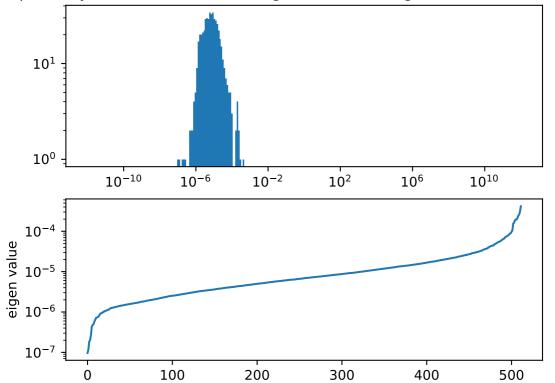
500

400

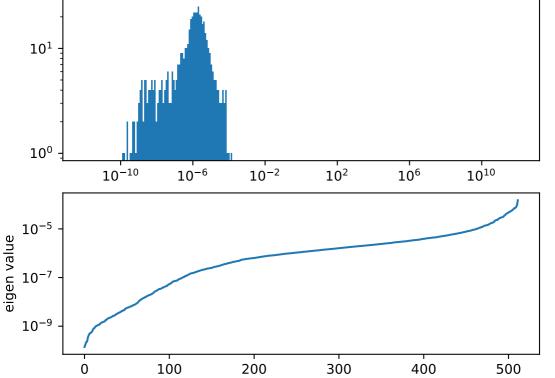
100

eigen value

ep: 39 layer4.0.shortcut.0 maxeig: 4.2e-04 mineig: 9.7e-08 con: 4.3e+03



ep: 39 layer4.1.conv1 maxeig: 1.5e-04 mineig: 1.4e-10 con: 1.1e+06



ep: 39 layer4.1.conv2 maxeig: 1.2e-03 mineig: 9.6e-08 con: 1.3e+04 10^{1} 10⁰ 10 10 10-10 10^{-2} 10² 10⁶ 10^{-6} 10⁻³ 10^{-4} 10⁻⁵ 10^{-7} 100 500

200

300

400

