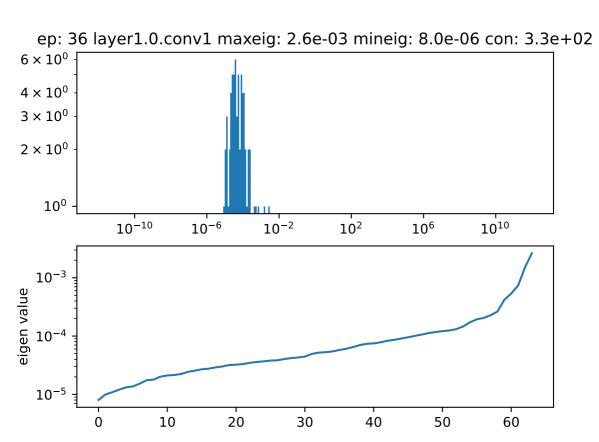
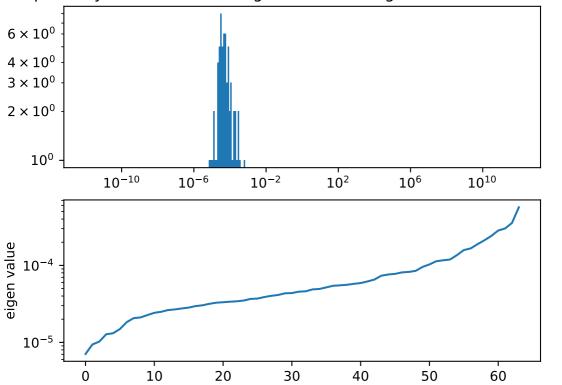
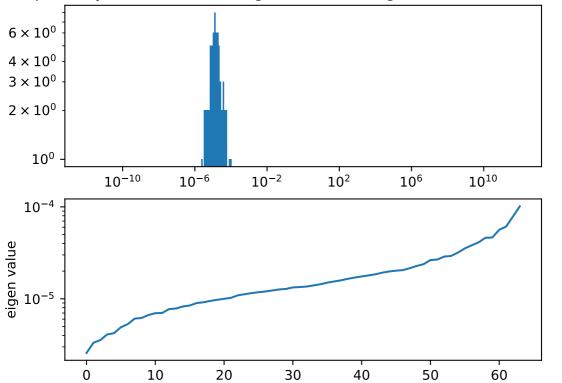
ep: 36 conv1 maxeig: 1.1e+00 mineig: 7.2e-07 con: 1.5e+06 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10-10 10^{-6} 10-2 10² 10⁶ 10^{-1} eigen value 10⁻³ 10⁻⁵ 30 50 60 10 20 40



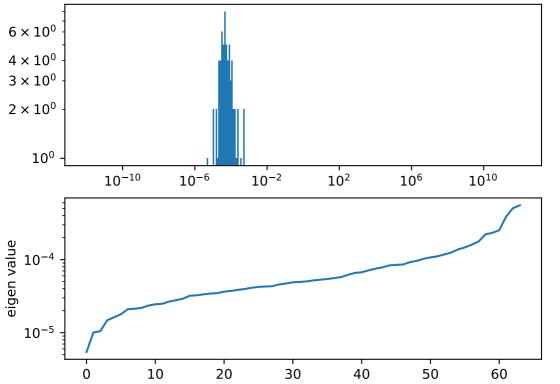
ep: 36 layer1.0.conv2 maxeig: 5.7e-04 mineig: 7.1e-06 con: 8.0e+01



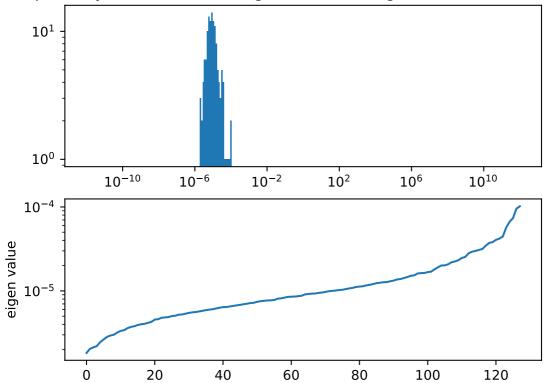
ep: 36 layer1.1.conv1 maxeig: 1.0e-04 mineig: 2.6e-06 con: 3.9e+01



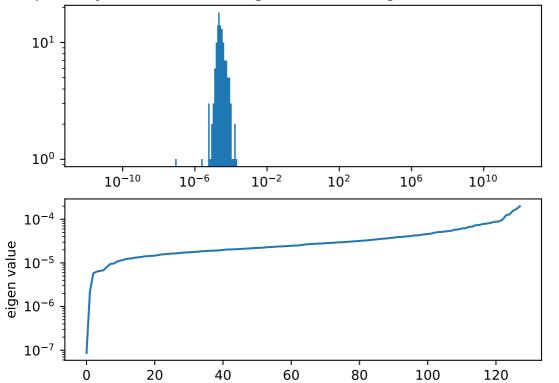
ep: 36 layer1.1.conv2 maxeig: 5.6e-04 mineig: 5.5e-06 con: 1.0e+02



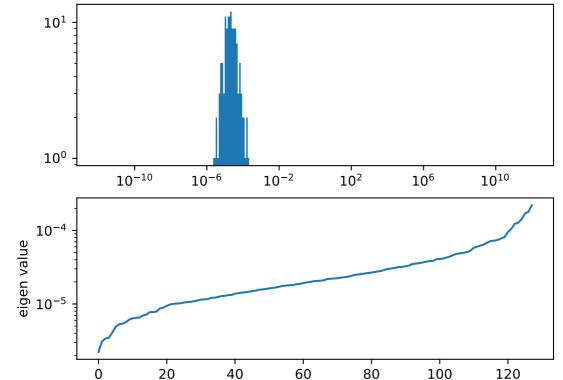
ep: 36 layer2.0.conv1 maxeig: 1.0e-04 mineig: 1.8e-06 con: 5.6e+01



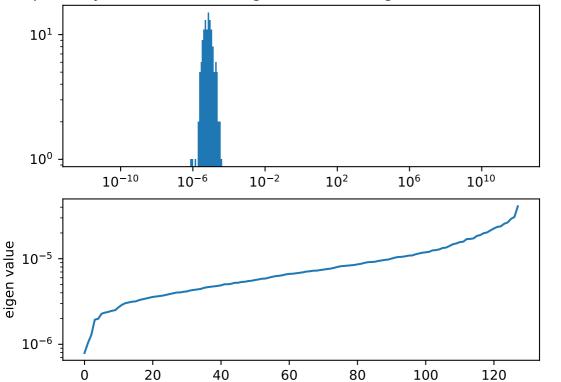
ep: 36 layer2.0.conv2 maxeig: 2.0e-04 mineig: 8.7e-08 con: 2.3e+03



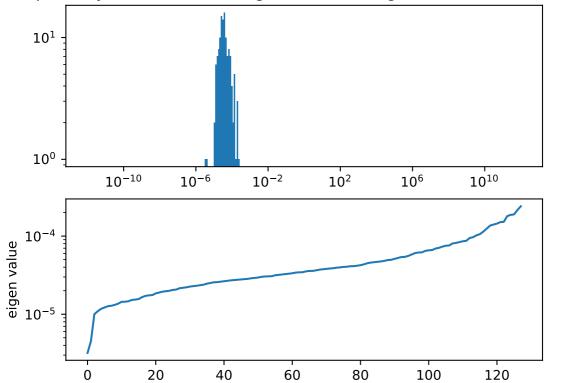
ep: 36 layer2.0.shortcut.0 maxeig: 2.2e-04 mineig: 2.2e-06 con: 9.9e+01



ep: 36 layer2.1.conv1 maxeig: 4.1e-05 mineig: 7.9e-07 con: 5.2e+01



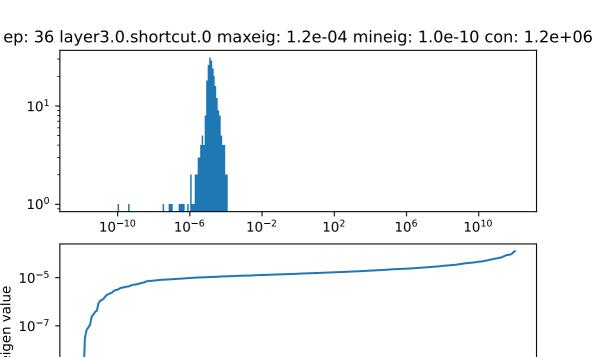
ep: 36 layer2.1.conv2 maxeig: 2.4e-04 mineig: 3.2e-06 con: 7.5e+01

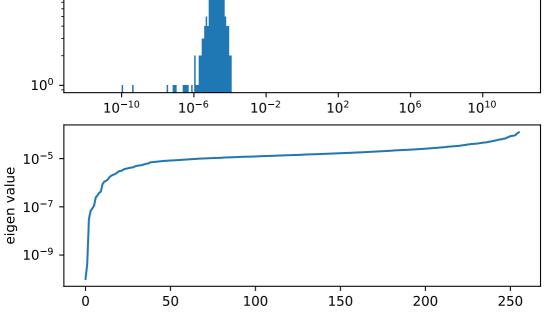


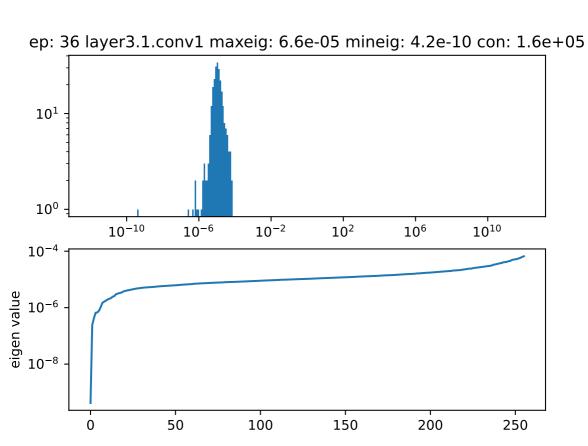
ep: 36 layer3.0.conv1 maxeig: 7.0e-05 mineig: 1.2e-10 con: 5.7e+05 10¹ 10⁰ 1010 10^{-10} 10-2 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-7} 10^{-9} 250 50 100 150 200

eigen value

ep: 36 layer3.0.conv2 maxeig: 1.9e-04 mineig: 4.2e-10 con: 4.5e+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: 36 layer3.1.conv2 maxeig: 3.1e-04 mineig: 1.2e-06 con: 2.5e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ eigen value 10⁻⁵ 10^{-6} 250 50 100 150 200

ep: 36 layer4.0.conv1 maxeig: 1.8e-04 mineig: 4.9e-07 con: 3.6e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} 10⁻⁵ 10^{-6} 100 500 200 300 400

eigen value

ep: 36 layer4.0.conv2 maxeig: 4.6e-04 mineig: 1.1e-07 con: 4.2e+03 10^{1} 10⁰ 10¹⁰ 10² 10^{-10} 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10 -6 10^{-7}

200

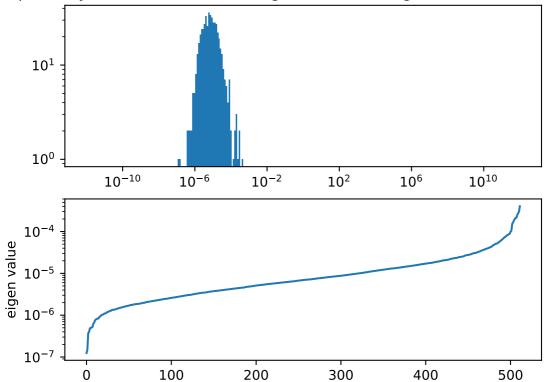
300

400

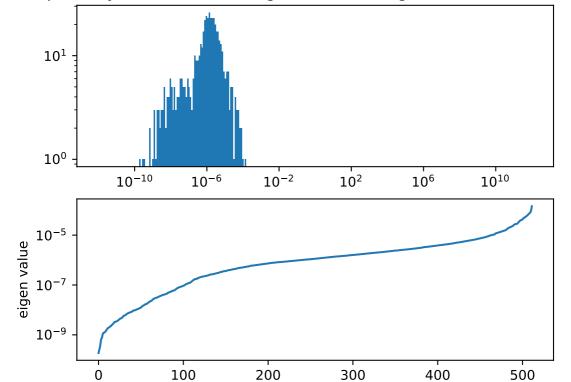
500

100

ep: 36 layer4.0.shortcut.0 maxeig: 4.0e-04 mineig: 1.3e-07 con: 3.2e+03



ep: 36 layer4.1.conv1 maxeig: 1.4e-04 mineig: 1.9e-10 con: 7.6e+05



ep: 36 layer4.1.conv2 maxeig: 1.2e-03 mineig: 1.5e-07 con: 8.1e+03 10^{1} 10⁰ 10 10 10-10 10^{-2} 10² 10⁶ 10^{-6} 10^{-3} 10^{-4} eigen value 10⁻⁵ 10^{-6} 10^{-7}

200

300

400

500

100

