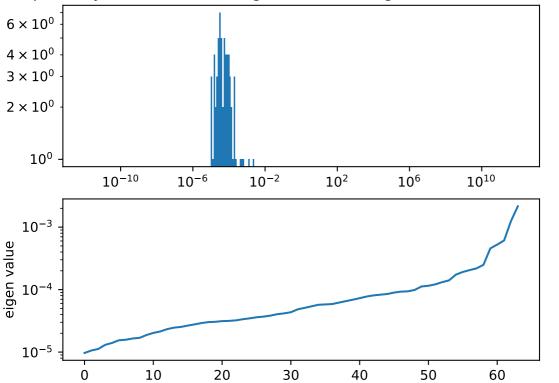
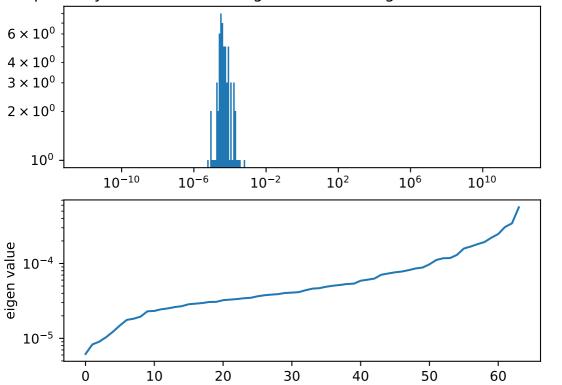


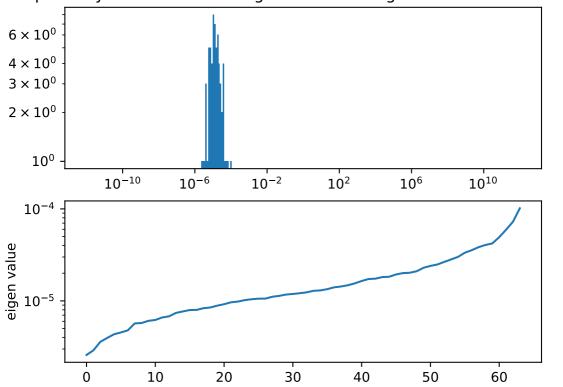
ep: 32 layer1.0.conv1 maxeig: 2.2e-03 mineig: 9.7e-06 con: 2.2e+02



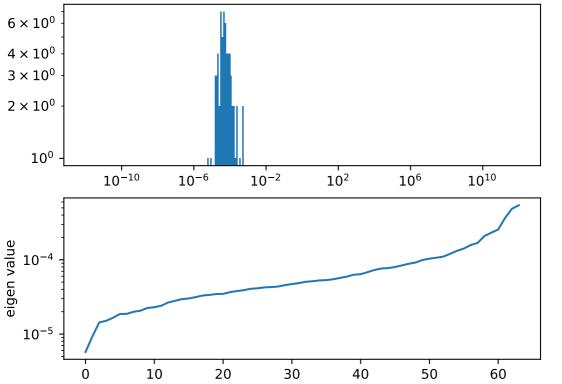
ep: 32 layer1.0.conv2 maxeig: 5.6e-04 mineig: 6.2e-06 con: 9.1e+01



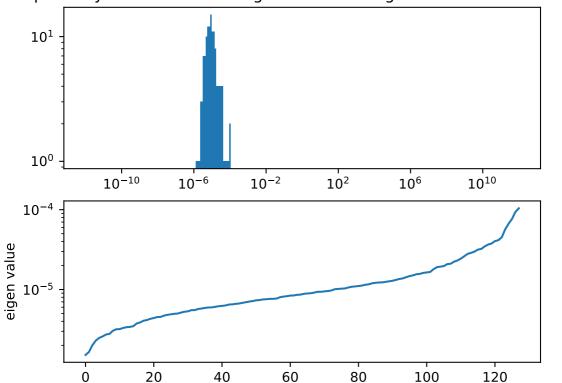
ep: 32 layer1.1.conv1 maxeig: 1.0e-04 mineig: 2.6e-06 con: 3.9e+01



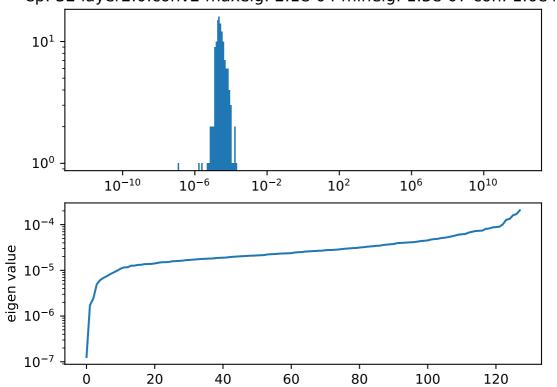
ep: 32 layer1.1.conv2 maxeig: 5.4e-04 mineig: 5.7e-06 con: 9.4e+01



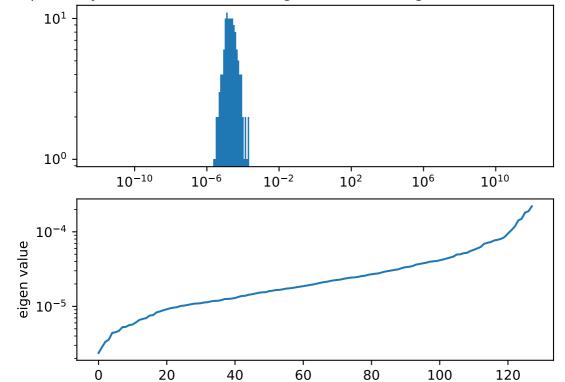
ep: 32 layer2.0.conv1 maxeig: 1.0e-04 mineig: 1.5e-06 con: 6.9e+01



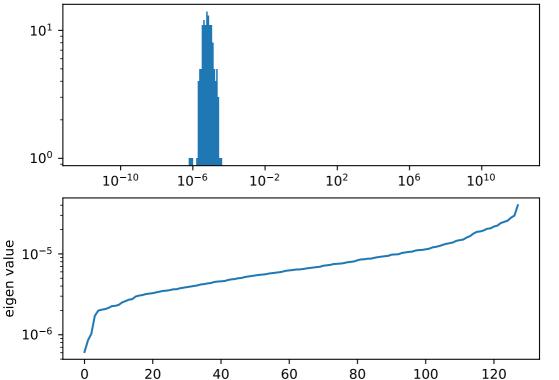
ep: 32 layer2.0.conv2 maxeig: 2.1e-04 mineig: 1.3e-07 con: 1.6e+03



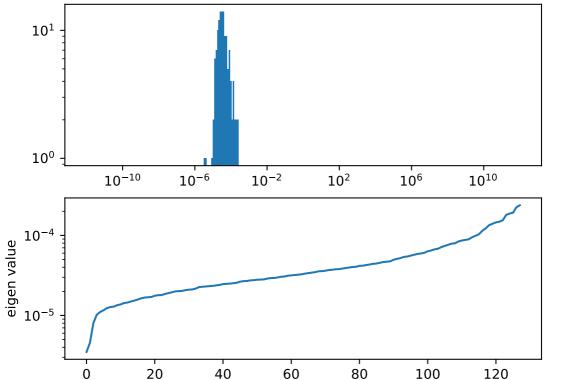
ep: 32 layer2.0.shortcut.0 maxeig: 2.2e-04 mineig: 2.4e-06 con: 9.3e+01



ep: 32 layer2.1.conv1 maxeig: 4.0e-05 mineig: 6.1e-07 con: 6.5e+01

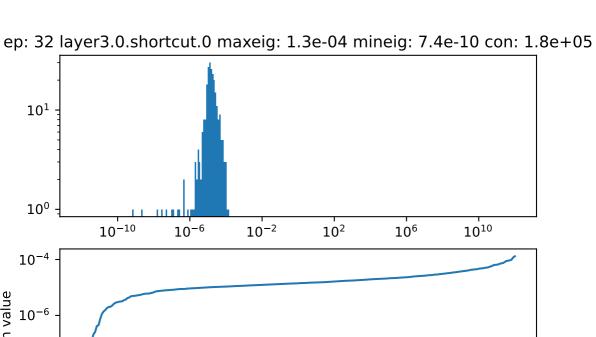


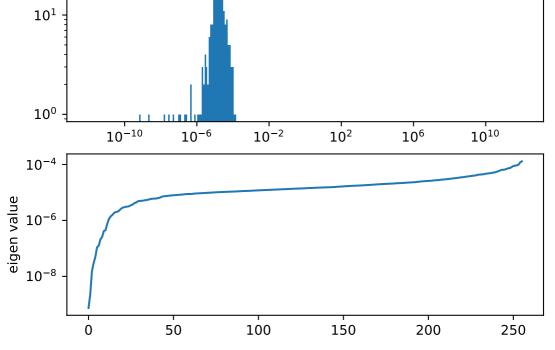
ep: 32 layer2.1.conv2 maxeig: 2.4e-04 mineig: 3.5e-06 con: 6.8e+01



ep: 32 layer3.0.conv1 maxeig: 7.0e-05 mineig: 6.5e-10 con: 1.1e+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: 32 layer3.0.conv2 maxeig: 2.0e-04 mineig: 6.7e-10 con: 3.0e+05 10^{1} 10⁰ 1010 10^{-10} 10^{-2} 10² 10⁶ 10^{-6} 10^{-4} eigen value 10^{-6} 10-8 -250 50 100 150 200





ep: 32 layer3.1.conv1 maxeig: 6.4e-05 mineig: 2.0e-09 con: 3.1e+04 10^{1} 10⁰ 10 10 10-10 10^{-2} 10² 10⁶ 10^{-6} 10^{-4} 10⁻⁵ eigen value 10^{-6} 10^{-7} 10-8 250 50 100 150 200

ep: 32 layer3.1.conv2 maxeig: 3.0e-04 mineig: 1.1e-06 con: 2.7e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10-6 10^{-2} 10⁶ eigen value 10⁻⁵ 10^{-6} 250 50 100 150 200

ep: 32 layer4.0.conv1 maxeig: 1.8e-04 mineig: 5.2e-07 con: 3.5e+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: 32 layer4.0.conv2 maxeig: 4.5e-04 mineig: 3.5e-07 con: 1.3e+03 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ eigen value 1' 10^{-6}

200

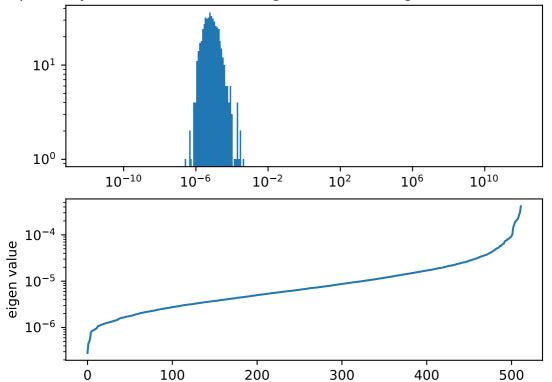
300

400

500

100

ep: 32 layer4.0.shortcut.0 maxeig: 4.1e-04 mineig: 2.8e-07 con: 1.5e+03



ep: 32 layer4.1.conv1 maxeig: 1.3e-04 mineig: 6.4e-10 con: 2.0e+05 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10^{-6} 10-8

200

300

400

500

100

ep: 32 layer4.1.conv2 maxeig: 1.2e-03 mineig: 5.8e-08 con: 2.0e+04 10^{1} 10⁰ 10 10 10-10 10^{-2} 10² 10⁶ 10^{-6} 10⁻³ 10^{-4} 10^{-7} 100 500 200 300 400

