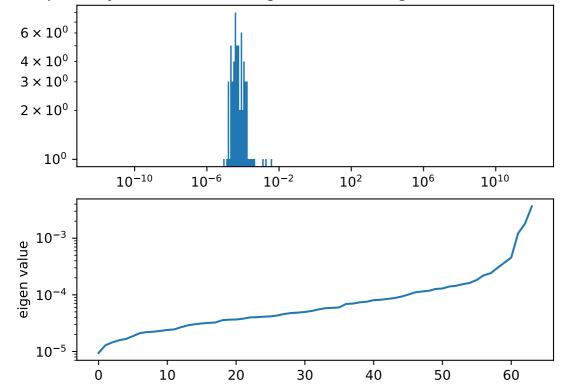
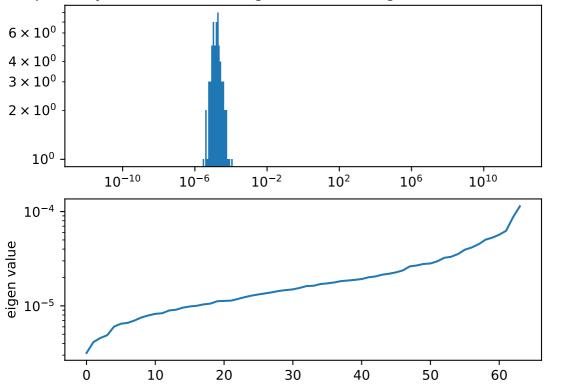
ep: 50 conv1 maxeig: 1.4e+00 mineig: 7.6e-09 con: 1.9e+08 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10^{-10} 10^{-6} 10-2 10² 10⁶ 10^{-1} eigen value 10⁻³ 10⁻⁵ 10^{-7} 50 60 10 20 30 40

ep: 50 layer1.0.conv1 maxeig: 3.7e-03 mineig: 9.4e-06 con: 3.9e+02

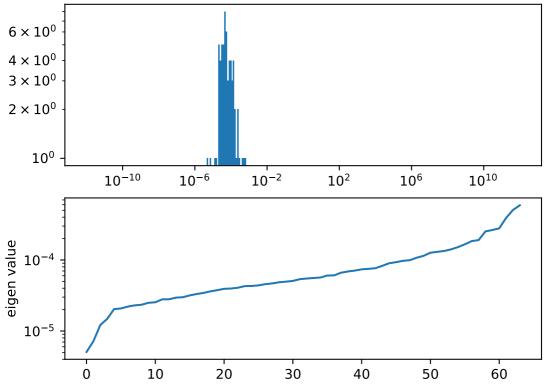


ep: 50 layer1.0.conv2 maxeig: 5.6e-04 mineig: 8.3e-06 con: 6.8e+01 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10⁻¹⁰ 10^{-2} 10² 10⁶ 10^{-6} eigen value 10^{-4} 10^{-5} 50 60 10 20 30 40

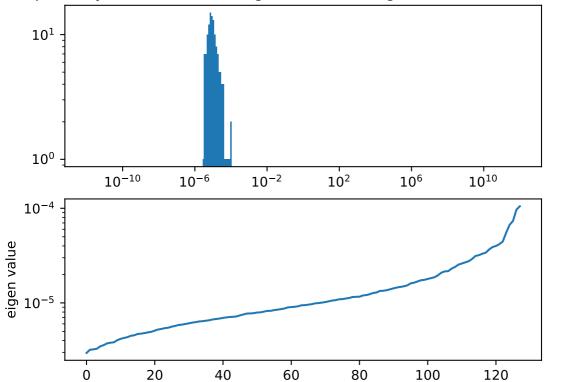
ep: 50 layer1.1.conv1 maxeig: 1.1e-04 mineig: 3.2e-06 con: 3.6e+01



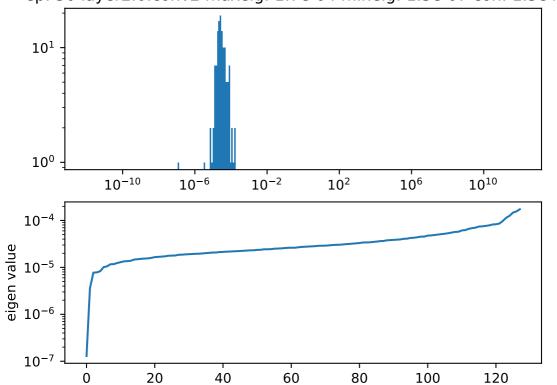
ep: 50 layer1.1.conv2 maxeig: 5.9e-04 mineig: 5.1e-06 con: 1.2e+02



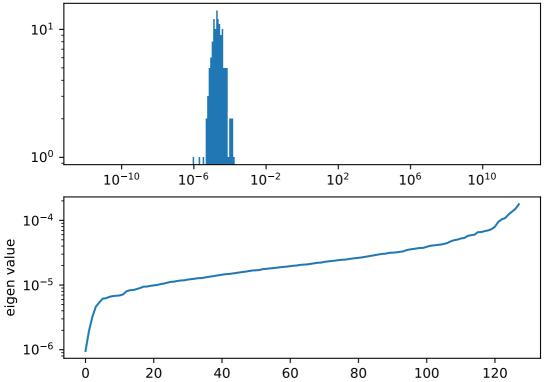
ep: 50 layer2.0.conv1 maxeig: 1.1e-04 mineig: 3.0e-06 con: 3.6e+01



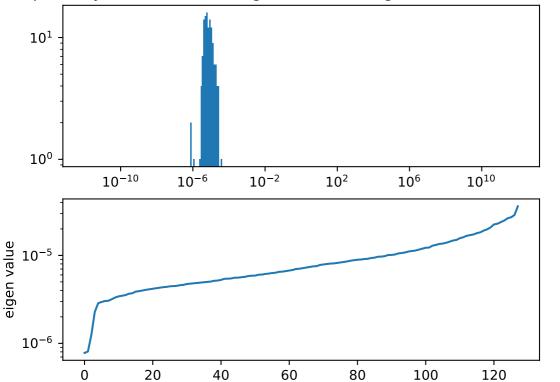
ep: 50 layer2.0.conv2 maxeig: 1.7e-04 mineig: 1.3e-07 con: 1.3e+03



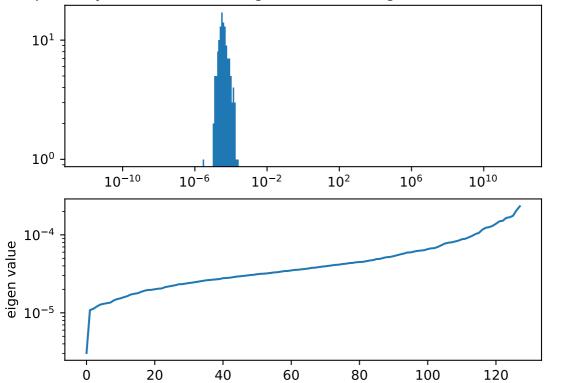
ep: 50 layer2.0.shortcut.0 maxeig: 1.8e-04 mineig: 9.6e-07 con: 1.9e+02



ep: 50 layer2.1.conv1 maxeig: 3.6e-05 mineig: 7.8e-07 con: 4.7e+01



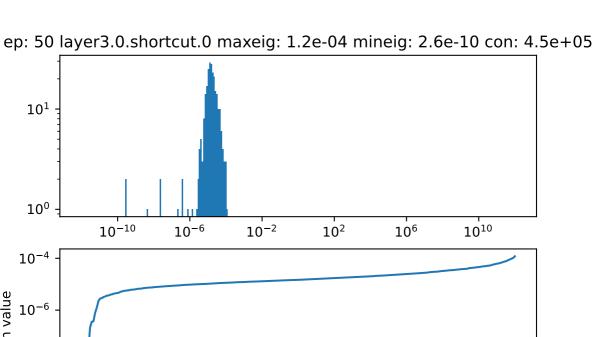
ep: 50 layer2.1.conv2 maxeig: 2.3e-04 mineig: 3.1e-06 con: 7.6e+01

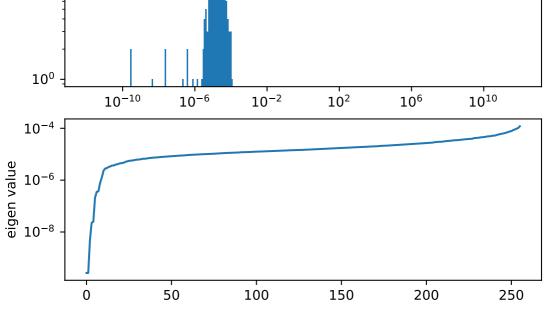


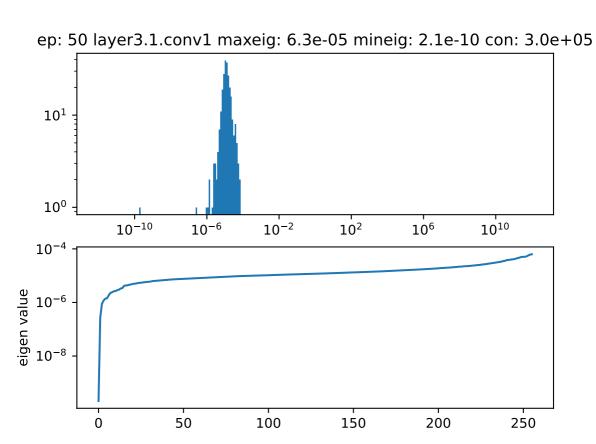
ep: 50 layer3.0.conv1 maxeig: 6.9e-05 mineig: 1.1e-10 con: 6.6e+05 10¹ 10⁰ 1010 10-10 10-2 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-9} 250 50 100 150 200

eigen value

ep: 50 layer3.0.conv2 maxeig: 1.7e-04 mineig: 5.3e-10 con: 3.3e+05 10¹ 10⁰ 1010 10-10 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 10₋₈ 250 50 100 150 200







ep: 50 layer3.1.conv2 maxeig: 3.0e-04 mineig: 2.3e-06 con: 1.3e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ eiden value 10⁻⁴ 250 50 100 150 200

ep: 50 layer4.0.conv1 maxeig: 1.7e-04 mineig: 7.6e-07 con: 2.2e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10^{-5} 10^{-6} 100 500 200 300 400

ep: 50 layer4.0.conv2 maxeig: 4.9e-04 mineig: 5.9e-09 con: 8.3e+04 10¹ 10⁰ 1010 10^{-10} 10^{-6} 10-2 10² 10⁶ 10^{-4} eigen value 10⁻⁷

200

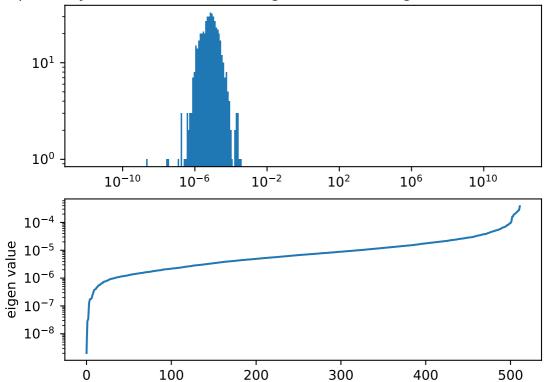
300

500

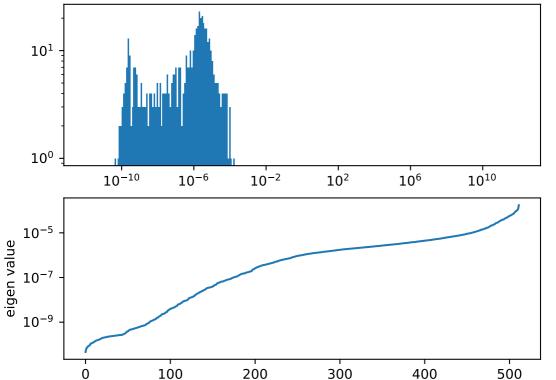
400

100

ep: 50 layer4.0.shortcut.0 maxeig: 3.8e-04 mineig: 2.1e-09 con: 1.9e+05



ep: 50 layer4.1.conv1 maxeig: 1.7e-04 mineig: 4.6e-11 con: 3.7e+06



ep: 50 layer4.1.conv2 maxeig: 1.2e-03 mineig: 2.9e-08 con: 4.2e+04

