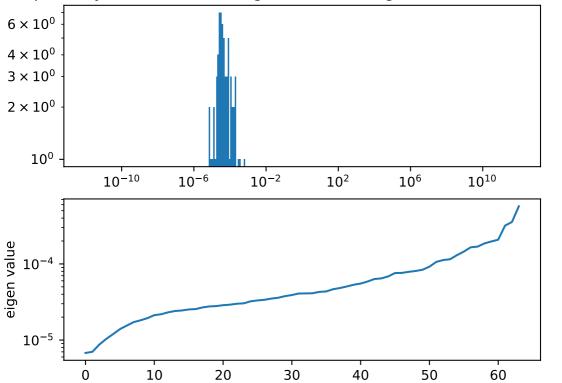
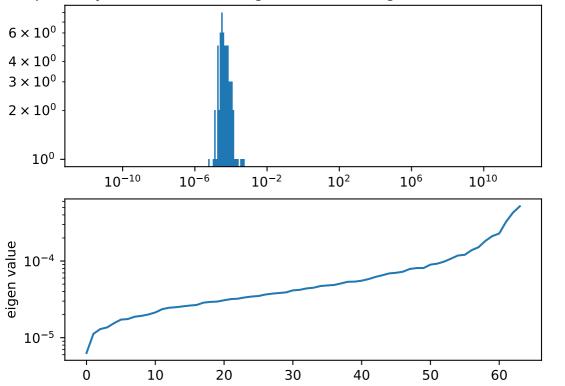


ep: 25 layer1.0.conv2 maxeig: 5.7e-04 mineig: 6.8e-06 con: 8.4e+01

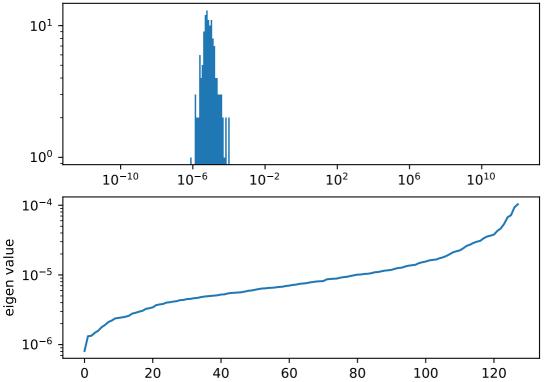


ep: 25 layer1.1.conv1 maxeig: 8.5e-05 mineig: 2.3e-06 con: 3.6e+01 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 50 60 10 20 30 40

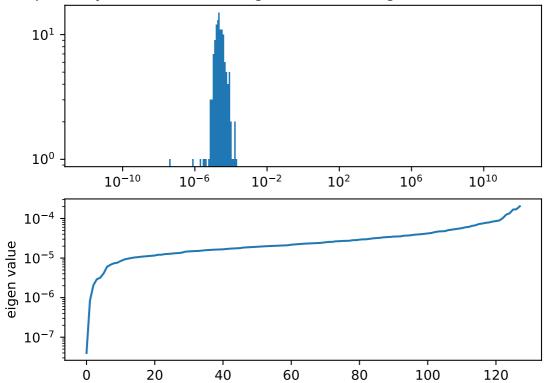
ep: 25 layer1.1.conv2 maxeig: 5.2e-04 mineig: 6.3e-06 con: 8.2e+01



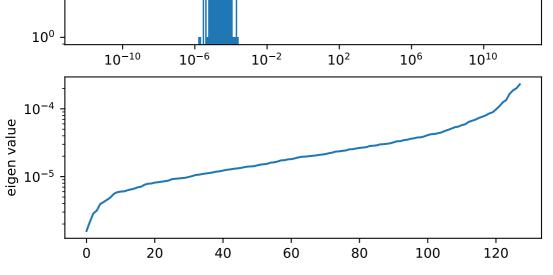
ep: 25 layer2.0.conv1 maxeig: 1.0e-04 mineig: 8.1e-07 con: 1.3e+02



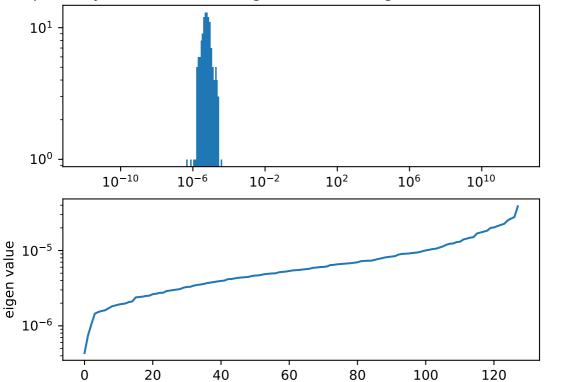
ep: 25 layer2.0.conv2 maxeig: 2.0e-04 mineig: 4.0e-08 con: 5.1e+03



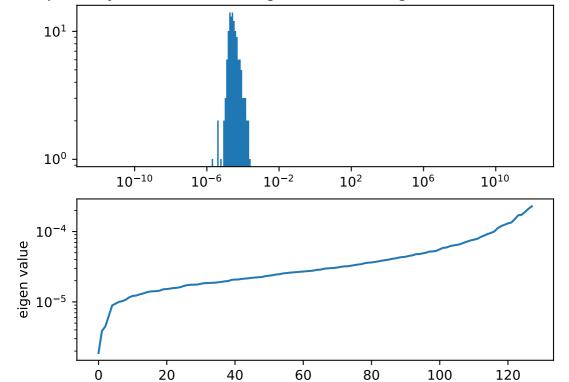
ep: 25 layer2.0.shortcut.0 maxeig: 2.3e-04 mineig: 1.6e-06 con: 1.5e+02 10^{1} 10⁰ 10¹⁰ 10² 10-10 10-2 10^{-6} 10⁶ 10^{-4}



ep: 25 layer2.1.conv1 maxeig: 3.9e-05 mineig: 4.4e-07 con: 8.9e+01



ep: 25 layer2.1.conv2 maxeig: 2.3e-04 mineig: 1.9e-06 con: 1.2e+02

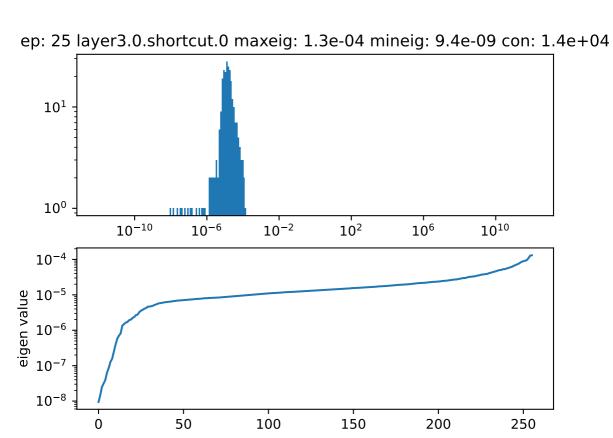


ep: 25 layer3.0.conv1 maxeig: 6.9e-05 mineig: 1.0e-08 con: 6.7e+03 10^{1} 10⁰ 1010 10^{-10} 10-2 10² 10⁶ 10^{-6} 10^{-4} 10^{-5} 10^{-6} 200 250

150

50

ep: 25 layer3.0.conv2 maxeig: 2.0e-04 mineig: 8.8e-09 con: 2.3e+04 10^{1} 10⁰ 1010 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: 25 layer3.1.conv1 maxeig: 5.8e-05 mineig: 3.3e-08 con: 1.8e+03 10^{1} 10⁰ 10¹⁰ 10² 10-10 10-2 10⁶ 10^{-6} eigen value 10⁻⁵ 10^{-7}

150

200

50

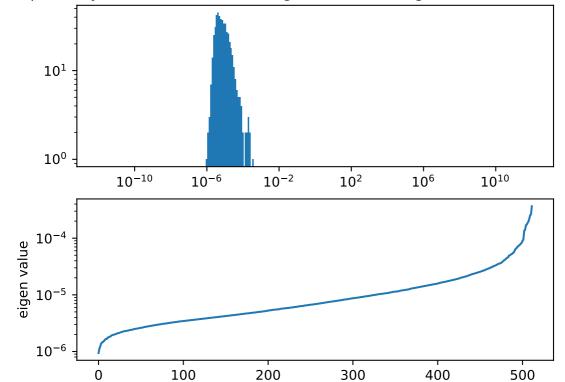
250

ep: 25 layer3.1.conv2 maxeig: 2.8e-04 mineig: 1.3e-06 con: 2.2e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10^{-6} 250 50 100 150 200

ep: 25 layer4.0.conv1 maxeig: 1.7e-04 mineig: 4.9e-07 con: 3.5e+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: 25 layer4.0.conv2 maxeig: 3.6e-04 mineig: 4.2e-07 con: 8.5e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} eigen value 10-5 10^{-6} 100 500 200 300 400

ep: 25 layer4.0.shortcut.0 maxeig: 3.7e-04 mineig: 9.4e-07 con: 3.9e+02



ep: 25 layer4.1.conv1 maxeig: 1.2e-04 mineig: 9.8e-09 con: 1.2e+04 10^{1} 10⁰ 10 10 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10 -7 10⁻⁵ 10-8 100 500

300

400

ep: 25 layer4.1.conv2 maxeig: 7.3e-04 mineig: 3.8e-07 con: 1.9e+03 10¹ 10⁰ 10 10 10-10 10-2 10² 10⁶ 10^{-6} 10^{-3} 10^{-4} 10-5 10^{-6}

300

400

500

100

eigen value

