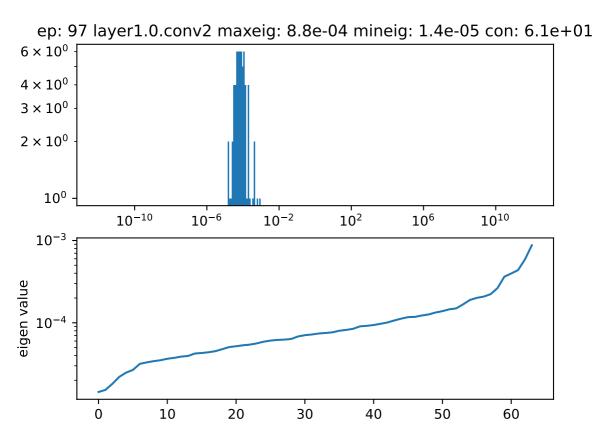
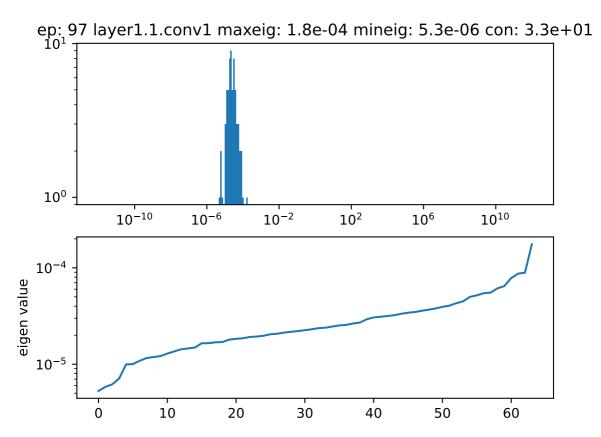
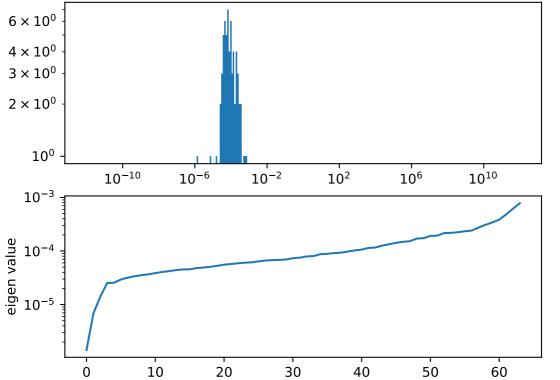


ep: 97 layer1.0.conv1 maxeig: 5.4e-03 mineig: 1.2e-05 con: 4.4e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10^{-6} 10-2 10² 10⁶ eigen value 10⁻⁴ 10⁻⁵ 50 60 10 20 30 40

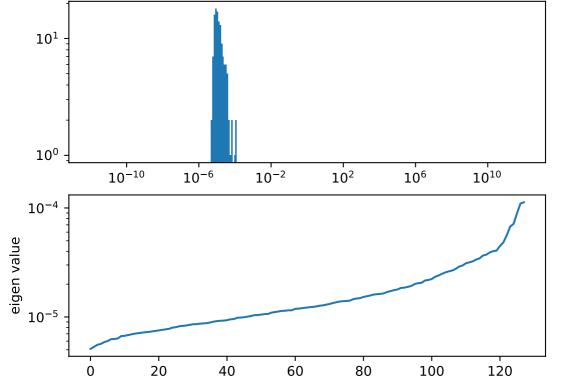




ep: 97 layer1.1.conv2 maxeig: 7.8e-04 mineig: 1.4e-06 con: 5.5e+02

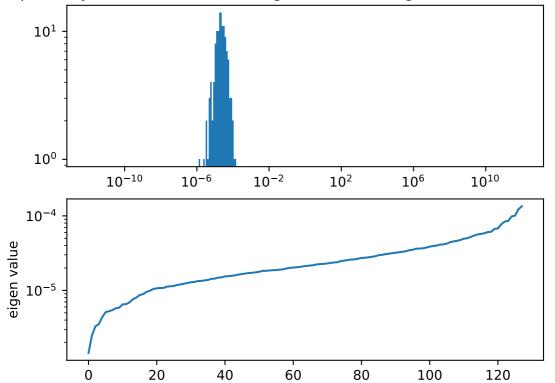


ep: 97 layer2.0.conv1 maxeig: 1.1e-04 mineig: 5.1e-06 con: 2.2e+01 10^{1}



ep: 97 layer2.0.conv2 maxeig: 1.7e-04 mineig: 2.7e-06 con: 6.2e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁵ 60 100 20 40 80 120

ep: 97 layer2.0.shortcut.0 maxeig: 1.3e-04 mineig: 1.4e-06 con: 9.3e+01



ep: 97 layer2.1.conv1 maxeig: 4.0e-05 mineig: 3.9e-06 con: 1.0e+01 10^{1} 10⁰ 10¹⁰ 10² 10-10 10^{-6} 10-2 10⁶ eigen value 10⁻⁵

60

100

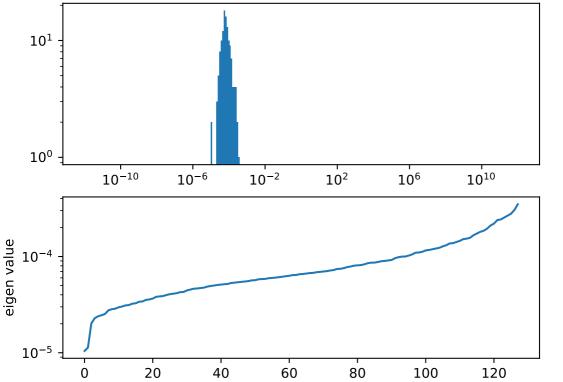
80

120

20

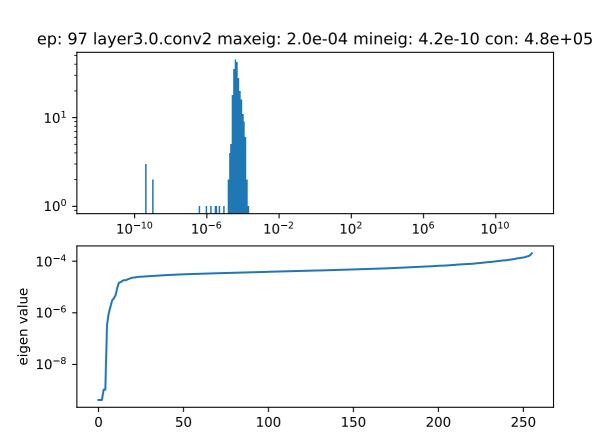
40

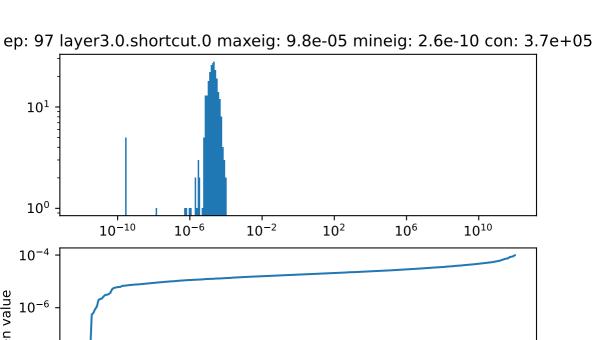
ep: 97 layer2.1.conv2 maxeig: 3.5e-04 mineig: 1.0e-05 con: 3.3e+01

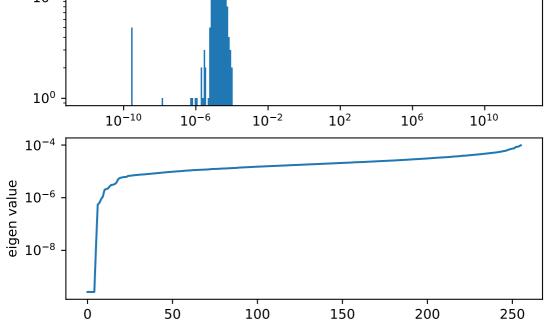


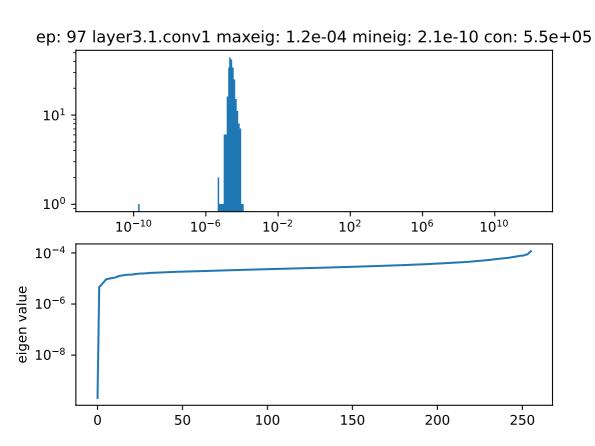
ep: 97 layer3.0.conv1 maxeig: 7.1e-05 mineig: 1.1e-10 con: 6.8e+05 10^{1} 1010 10^{-10} 10-2 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-9} 250 50 100 150 200

eigen value







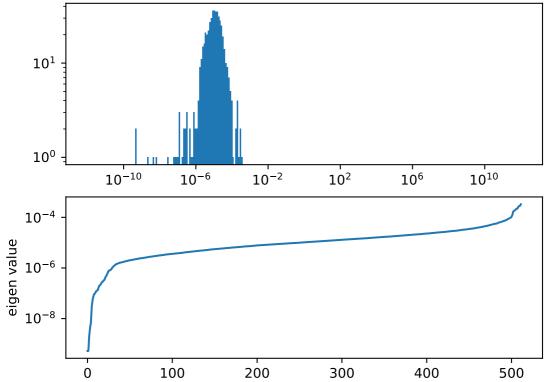


ep: 97 layer3.1.conv2 maxeig: 6.2e-04 mineig: 8.3e-06 con: 7.5e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ eigen value 10^{-4} 10⁻⁵ 250 50 100 150 200

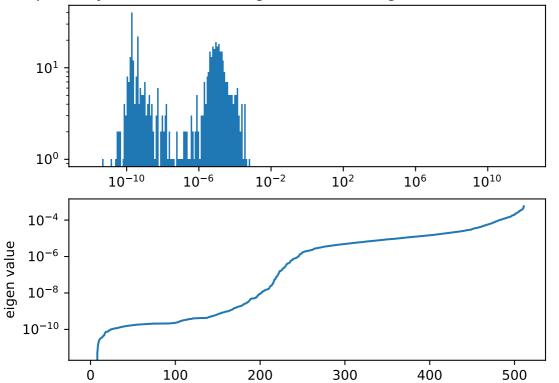
ep: 97 layer4.0.conv1 maxeig: 2.5e-04 mineig: 2.2e-06 con: 1.2e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁵ 100 500 200 300 400

ep: 97 layer4.0.conv2 maxeig: 7.5e-04 mineig: 8.4e-10 con: 8.9e+05 10¹ 10⁰ 10¹⁰ 10-10 10^{-6} 10-2 10² 10⁶ 10^{-4} eigen value 10^{-6} 10⁻⁸ 100 500 200 300 400

ep: 97 layer4.0.shortcut.0 maxeig: 3.3e-04 mineig: 5.3e-10 con: 6.2e+05



ep: 97 layer4.1.conv1 maxeig: 5.7e-04 mineig: -1.6e-10 con: 1.1e+08



ep: 97 layer4.1.conv2 maxeig: 1.6e-03 mineig: 8.4e-10 con: 1.9e+06

