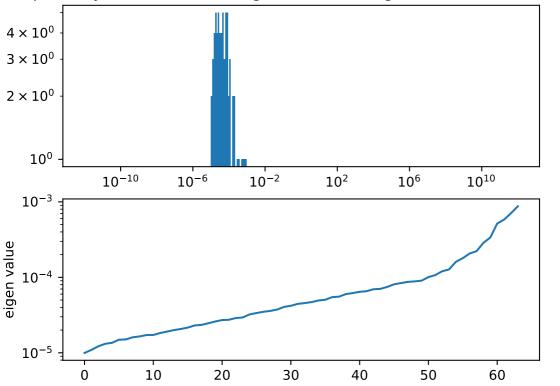
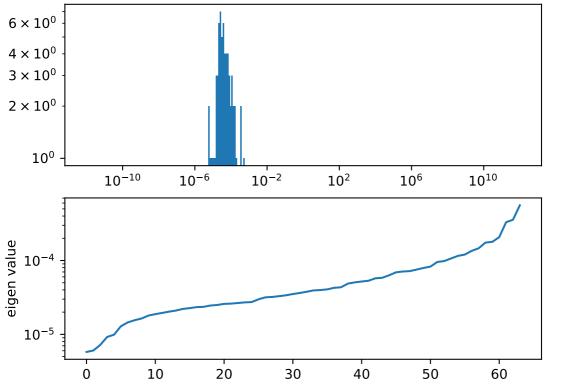


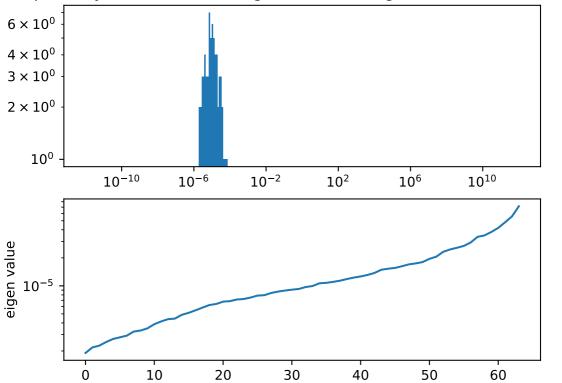
ep: 21 layer1.0.conv1 maxeig: 8.7e-04 mineig: 1.0e-05 con: 8.8e+01



ep: 21 layer1.0.conv2 maxeig: 5.6e-04 mineig: 5.8e-06 con: 9.7e+01

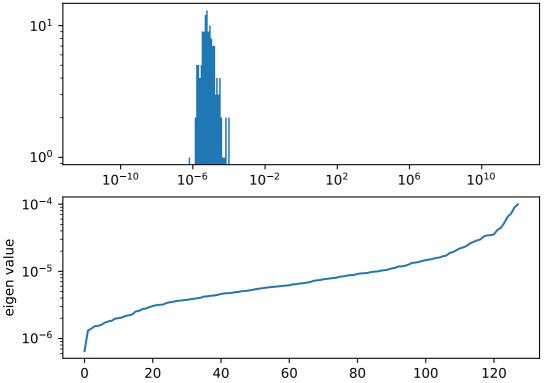


ep: 21 layer1.1.conv1 maxeig: 7.2e-05 mineig: 1.9e-06 con: 3.8e+01

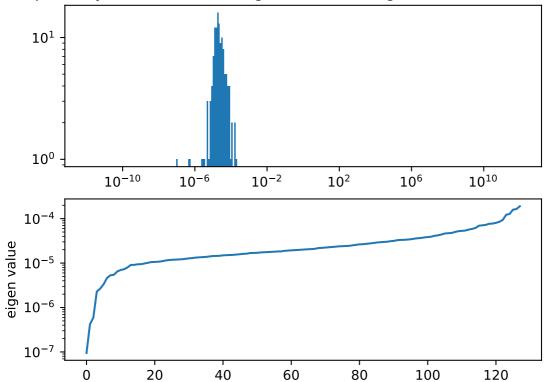


ep: 21 layer1.1.conv2 maxeig: 4.9e-04 mineig: 6.1e-06 con: 7.9e+01 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10⁻¹⁰ 10^{-6} 10^{-2} 10² 10⁶ eigen value 10^{-4} 10^{-5} 50 60 10 20 30 40

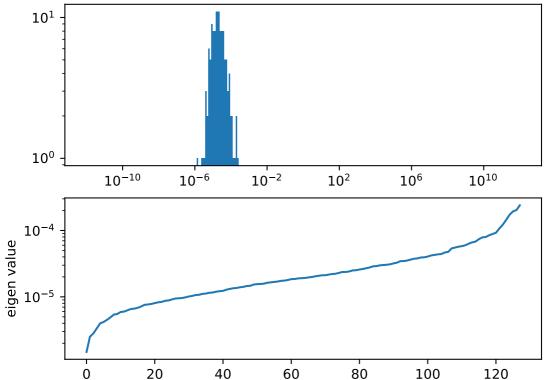
ep: 21 layer2.0.conv1 maxeig: 1.0e-04 mineig: 6.5e-07 con: 1.5e+02



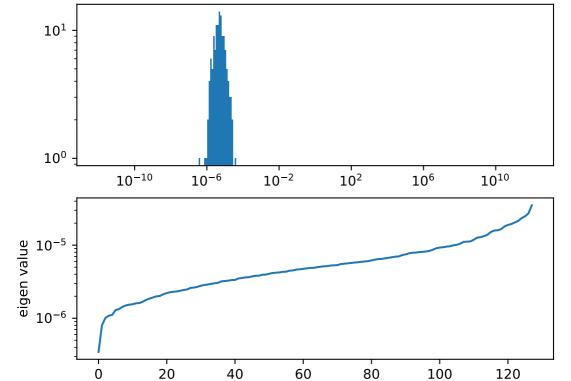
ep: 21 layer2.0.conv2 maxeig: 1.9e-04 mineig: 9.5e-08 con: 2.0e+03



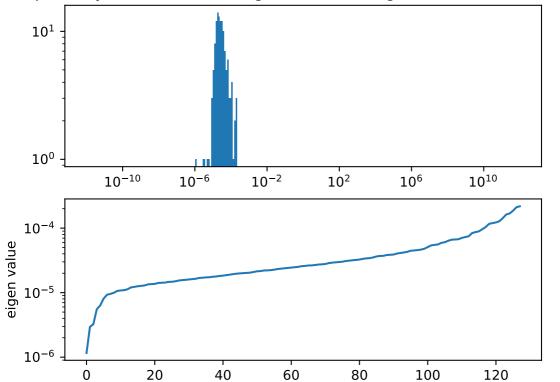
ep: 21 layer2.0.shortcut.0 maxeig: 2.4e-04 mineig: 1.5e-06 con: 1.6e+02



ep: 21 layer2.1.conv1 maxeig: 3.5e-05 mineig: 3.5e-07 con: 1.0e+02



ep: 21 layer2.1.conv2 maxeig: 2.2e-04 mineig: 1.2e-06 con: 1.9e+02



ep: 21 layer3.0.conv1 maxeig: 6.5e-05 mineig: 5.0e-08 con: 1.3e+03 10^{1} 10⁰ 10¹⁰ 10² 10^{-10} 10^{-6} 10-2 10⁶ eigen value 10⁻⁶ 10^{-5} 10^{-7}

150

200

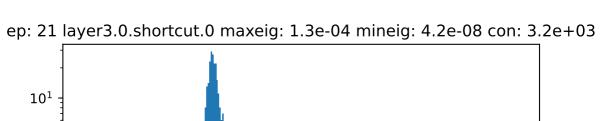
50

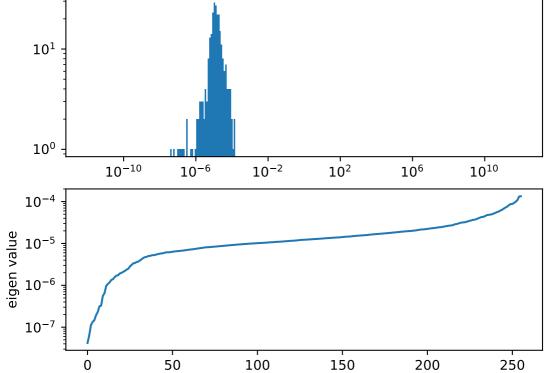
ep: 21 layer3.0.conv2 maxeig: 2.0e-04 mineig: 3.7e-08 con: 5.3e+03 10^{1} 10⁰ 10 10 10² 10-10 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁶ 10^{-5} 10^{-7}

150

200

50





ep: 21 layer3.1.conv1 maxeig: 5.1e-05 mineig: 1.1e-07 con: 4.5e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ eigen value 10⁻⁵ 10^{-5} 10^{-7}

150

200

50

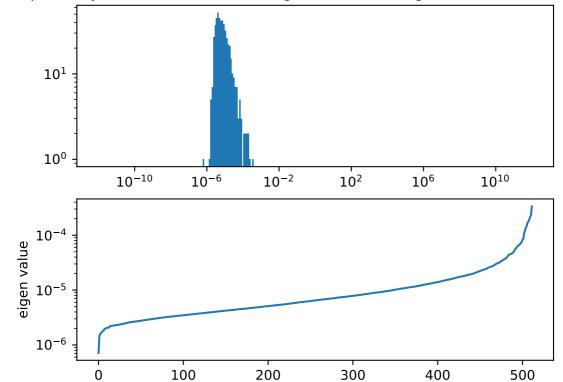
ep: 21 layer3.1.conv2 maxeig: 2.6e-04 mineig: 1.5e-06 con: 1.7e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} eigen value 250 50 100 150 200

ep: 21 layer4.0.conv1 maxeig: 1.6e-04 mineig: 3.7e-07 con: 4.4e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} 10-5 10^{-6} 100 500 200 300 400

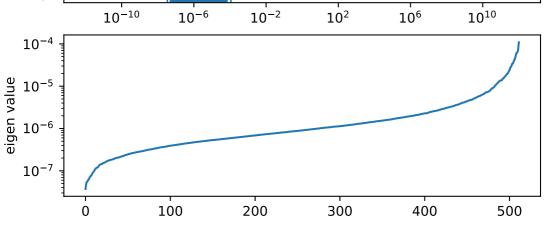
eigen value

ep: 21 layer4.0.conv2 maxeig: 2.5e-04 mineig: 6.9e-07 con: 3.6e+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: 21 layer4.0.shortcut.0 maxeig: 3.4e-04 mineig: 7.2e-07 con: 4.7e+02



ep: 21 layer4.1.conv1 maxeig: 1.1e-04 mineig: 3.7e-08 con: 2.9e+03 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶



ep: 21 layer4.1.conv2 maxeig: 3.7e-04 mineig: 6.0e-07 con: 6.2e+02 10^{1} 10⁰ 10¹⁰ 10-10 10-2 10² 10⁶ 10^{-6} eigen value 1' 10^{-6} 100 500

300

