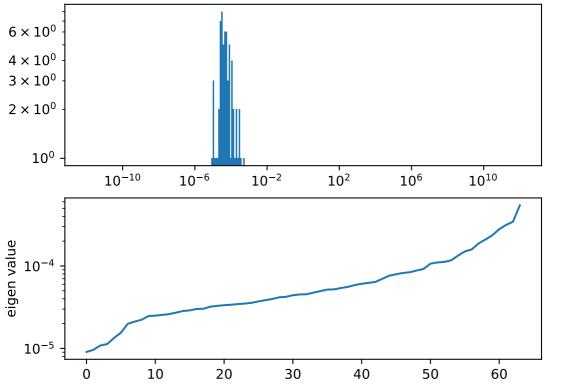
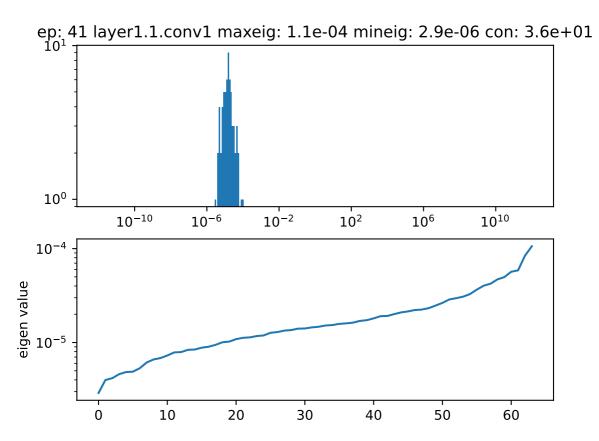
ep: 41 conv1 maxeig: 1.3e+00 mineig: 2.8e-07 con: 4.6e+06 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10^{-6} 10-2 10² 10⁶ 10^{-1} eigen value 10⁻³ 10⁻⁵ 50 60 10 20 30 40

ep: 41 layer1.0.conv1 maxeig: 3.0e-03 mineig: 9.3e-06 con: 3.2e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10² 10⁶ 10^{-6} 10^{-2} 10⁻³ eigen value 10^{-4} 10^{-5} 50 60 10 20 30 40

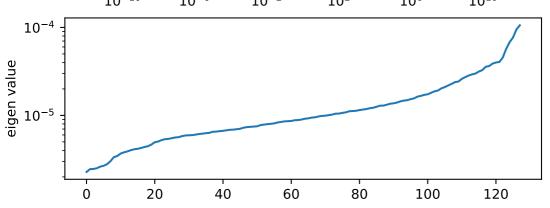
ep: 41 layer1.0.conv2 maxeig: 5.4e-04 mineig: 9.1e-06 con: 6.0e+01



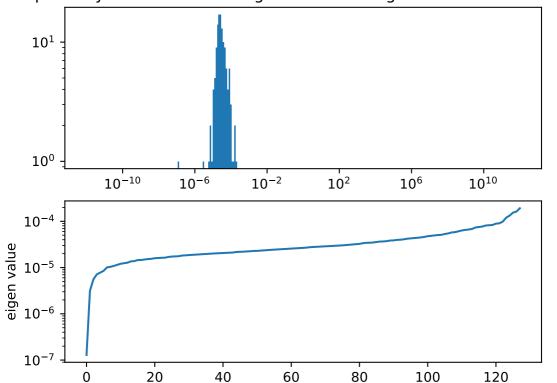


ep: 41 layer1.1.conv2 maxeig: 5.9e-04 mineig: 5.2e-06 con: 1.1e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 10 10 10-10 10-6 10^{-2} 10² 10⁶ eigen value 10^{-4} 10⁻⁵ 50 60 10 20 30 40

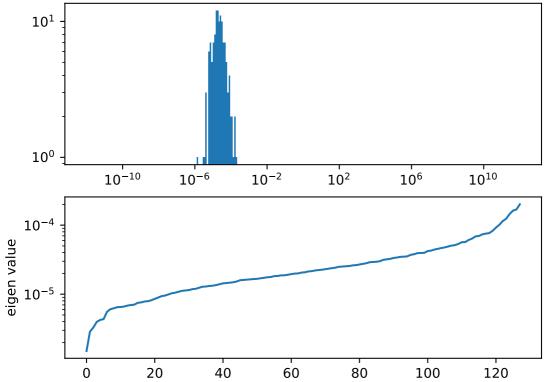
ep: 41 layer2.0.conv1 maxeig: 1.1e-04 mineig: 2.3e-06 con: 4.7e+01 10^{1} 10⁰ 10¹⁰ 10² 10-10 10-2 10⁶ 10^{-6}



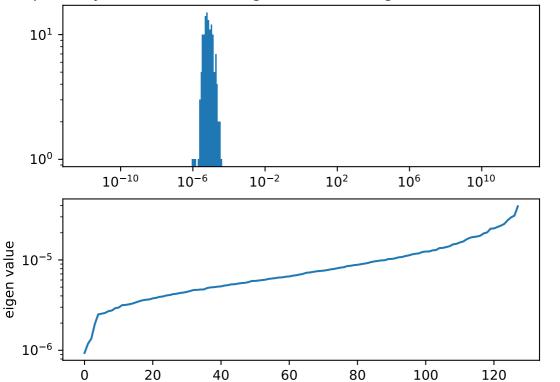
ep: 41 layer2.0.conv2 maxeig: 1.9e-04 mineig: 1.3e-07 con: 1.5e+03



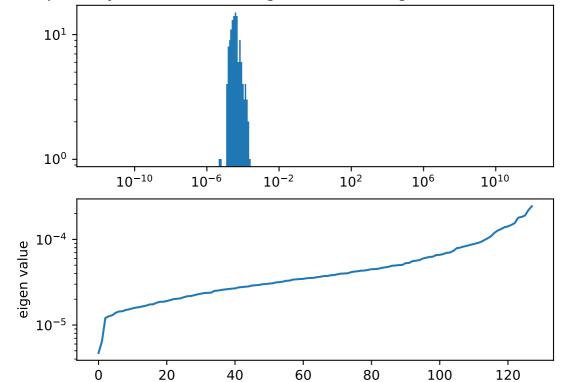
ep: 41 layer2.0.shortcut.0 maxeig: 2.0e-04 mineig: 1.5e-06 con: 1.3e+02



ep: 41 layer2.1.conv1 maxeig: 3.9e-05 mineig: 9.3e-07 con: 4.2e+01



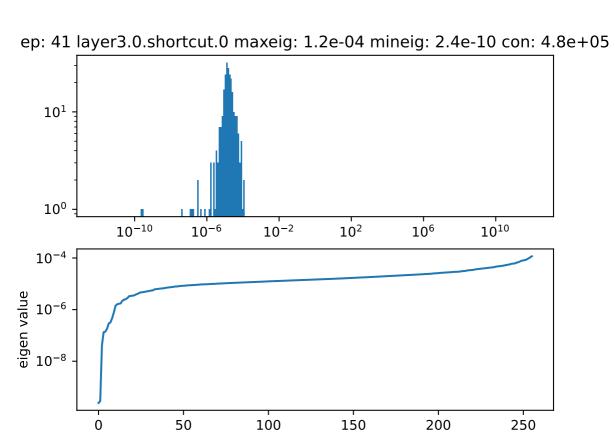
ep: 41 layer2.1.conv2 maxeig: 2.4e-04 mineig: 4.7e-06 con: 5.2e+01

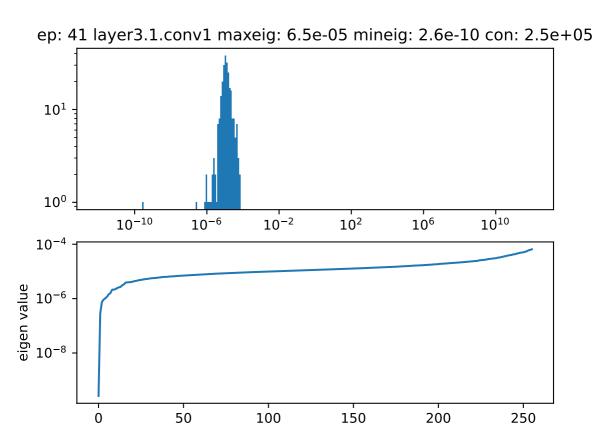


ep: 41 layer3.0.conv1 maxeig: 7.3e-05 mineig: 1.2e-10 con: 6.1e+05 10^{1} 10⁰ 1010 10^{-10} 10-2 10² 10⁶ 10^{-6} 10⁻⁵ 10^{-7} 10^{-9} 250 50 100 150 200

eigen value

ep: 41 layer3.0.conv2 maxeig: 1.9e-04 mineig: 5.1e-10 con: 3.7e+05 10¹ 10⁰ 1010 10^{-6} 10-2 10² 10⁶ 10^{-10} 10^{-4} eigen value 10₋₈ 250 50 100 150 200





ep: 41 layer3.1.conv2 maxeig: 3.2e-04 mineig: 1.6e-06 con: 1.9e+02 10^{1} 10⁰ 10¹⁰ 10² 10-10 10-6 10-2 10⁶ eigen value 10⁻⁴ 250 50 100 150 200

ep: 41 layer4.0.conv1 maxeig: 1.8e-04 mineig: 5.5e-07 con: 3.2e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} eigen value 10⁻⁵ 10^{-6} 100 500 200 300 400

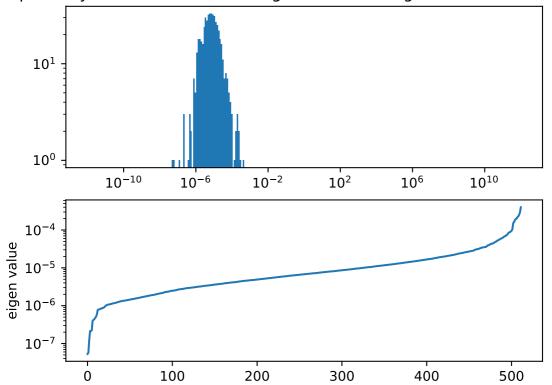
ep: 41 layer4.0.conv2 maxeig: 4.6e-04 mineig: 1.5e-07 con: 3.0e+03 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁵ 10^{-6} 100 500

200

300

400

ep: 41 layer4.0.shortcut.0 maxeig: 4.0e-04 mineig: 5.3e-08 con: 7.5e+03



ep: 41 layer4.1.conv1 maxeig: 1.6e-04 mineig: 1.2e-10 con: 1.4e+06 10¹ 10⁰ 10¹⁰ 10⁻¹⁰ 10² 10-6 10-2 10⁶ 10⁻⁵ eigen value 10^{-7} 10^{-9}

200

300

400

500

100

ep: 41 layer4.1.conv2 maxeig: 1.2e-03 mineig: 5.1e-08 con: 2.3e+04 10^{1} 10⁰ 10 10 10^{-10} 10^{-2} 10² 10⁶ 10^{-6} 10^{-3} 10^{-4} eigen value 10⁻⁵ 10^{-6} 10^{-7} 100 500 200 300 400

