

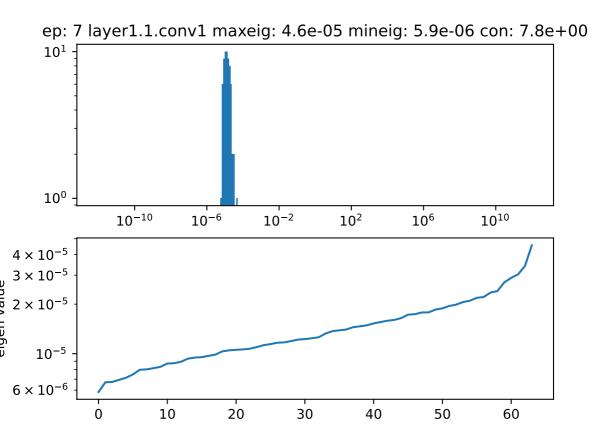
ep: 7 layer1.0.conv2 maxeig: 3.4e-04 mineig: 1.8e-05 con: 1.9e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} 20 50 60

30

40

eigen value

10



ep: 7 layer1.1.conv2 maxeig: 1.1e-04 mineig: 5.5e-06 con: 2.0e+01 10¹ 10⁰ 10¹⁰ 10² 10-10 10-2 10^{-6} 10⁶ 10^{-4} 10⁻⁵ 50 60

30

40

eigen value

10

20

ep: 7 layer2.0.conv1 maxeig: 3.3e-05 mineig: 1.5e-06 con: 2.3e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} eigen value 60 100

80

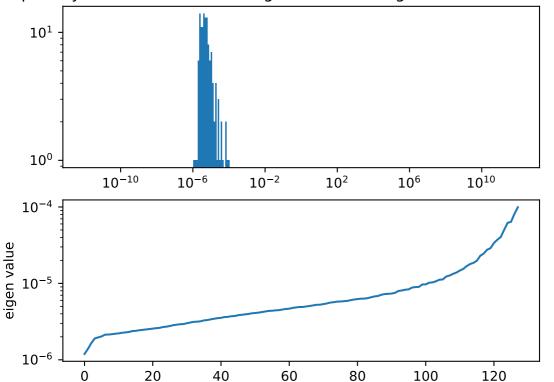
120

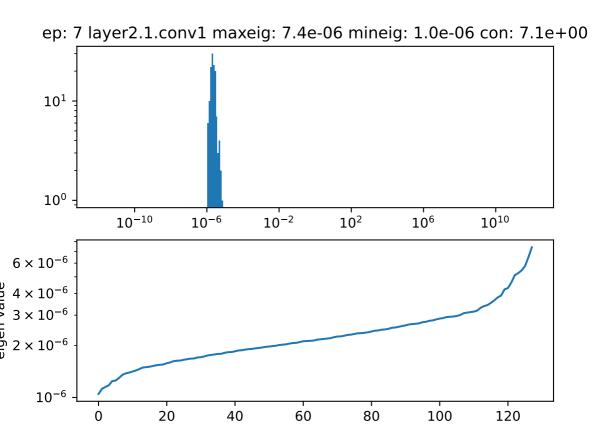
20

40

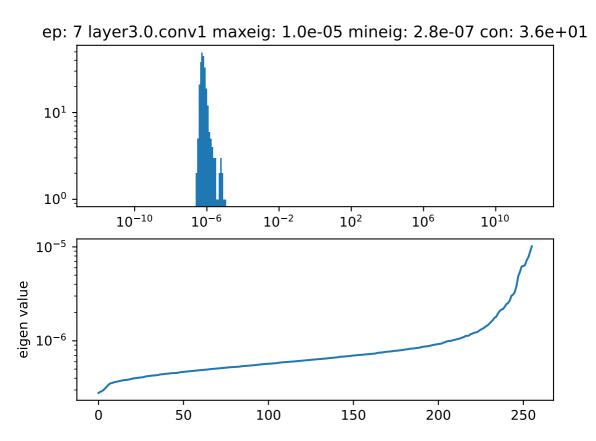
ep: 7 layer2.0.conv2 maxeig: 3.8e-05 mineig: 2.4e-06 con: 1.6e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10-2 10⁶ 10^{-6} eigen value 10⁻⁵ 20 60 100 40 80 120

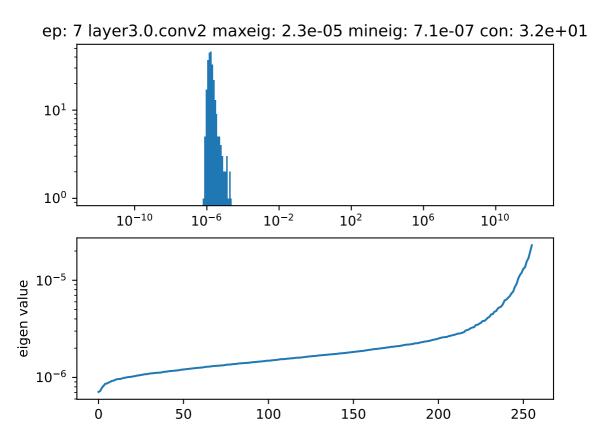
ep: 7 layer2.0.shortcut.0 maxeig: 9.9e-05 mineig: 1.2e-06 con: 8.3e+01



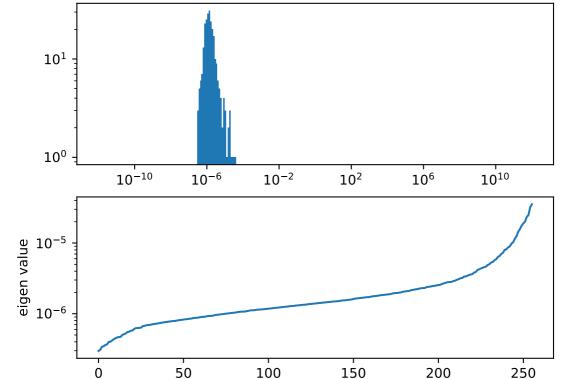


ep: 7 layer2.1.conv2 maxeig: 2.8e-05 mineig: 2.0e-06 con: 1.4e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ eigen value 20 60 100 40 80 120





ep: 7 layer3.0.shortcut.0 maxeig: 3.5e-05 mineig: 3.0e-07 con: 1.2e+02



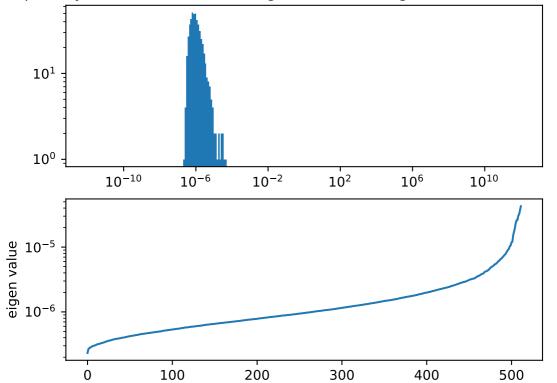
ep: 7 layer3.1.conv1 maxeig: 6.1e-06 mineig: 2.7e-07 con: 2.3e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ eigen value 10⁻⁶ 250 50 100 150 200

ep: 7 layer3.1.conv2 maxeig: 2.4e-05 mineig: 4.6e-07 con: 5.1e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ eigen value 10^{-6} 250 50 100 150 200

ep: 7 layer4.0.conv1 maxeig: 1.9e-05 mineig: 6.6e-08 con: 2.9e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10⁻⁵ eigen value 10^{-6} 10^{-7} 100 500 200 300 400

ep: 7 layer4.0.conv2 maxeig: 3.9e-05 mineig: 3.6e-07 con: 1.1e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10⁻⁵ eigen value 10^{-6} 100 500 200 300 400

ep: 7 layer4.0.shortcut.0 maxeig: 4.3e-05 mineig: 2.3e-07 con: 1.8e+02



ep: 7 layer4.1.conv1 maxeig: 5.3e-05 mineig: 1.1e-07 con: 4.9e+02 10^{1} 10⁰ 10 10 10-10 10² 10-2 10⁶ 10^{-6} eigen value 10⁻⁶ 10⁻⁵ 10^{-7} 100 500 200 300 400

ep: 7 layer4.1.conv2 maxeig: 1.6e-04 mineig: 1.8e-07 con: 8.6e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-4} eigen value 10⁻⁶ 100 500 200 300 400

