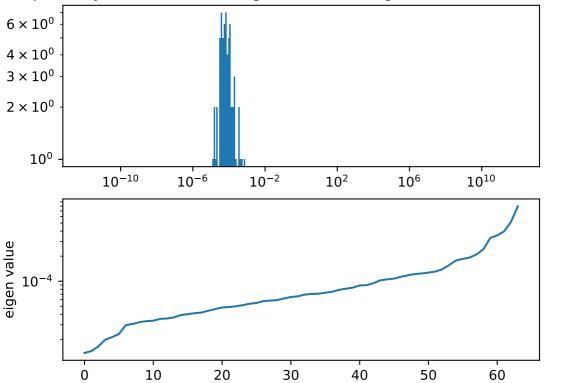
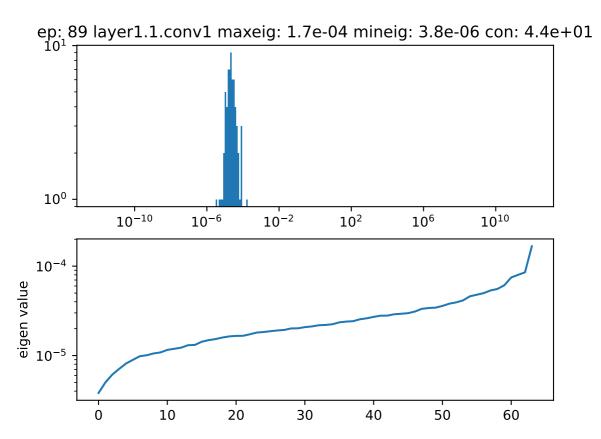
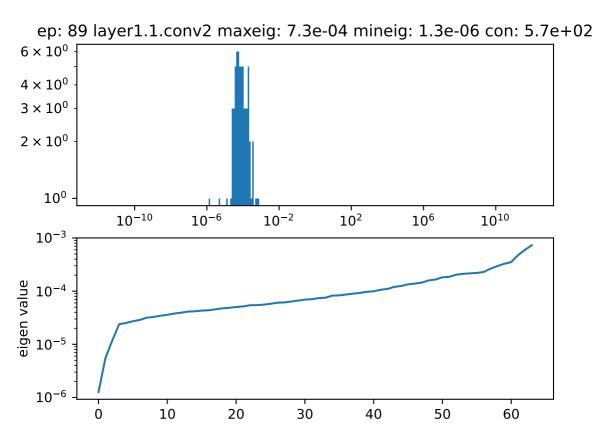


ep: 89 layer1.0.conv1 maxeig: 4.9e-03 mineig: 1.1e-05 con: 4.6e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10^{-6} 10^{-2} 10² 10⁶ 10⁻³ eigen value 10⁻³ 10⁻⁵ 50 60 10 20 30 40

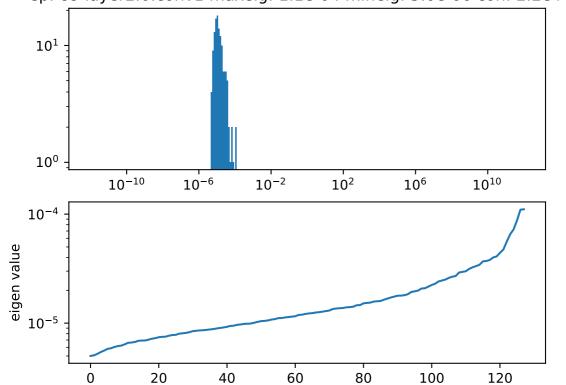
ep: 89 layer1.0.conv2 maxeig: 8.0e-04 mineig: 1.4e-05 con: 5.8e+01







ep: 89 layer2.0.conv1 maxeig: 1.1e-04 mineig: 5.0e-06 con: 2.2e+01



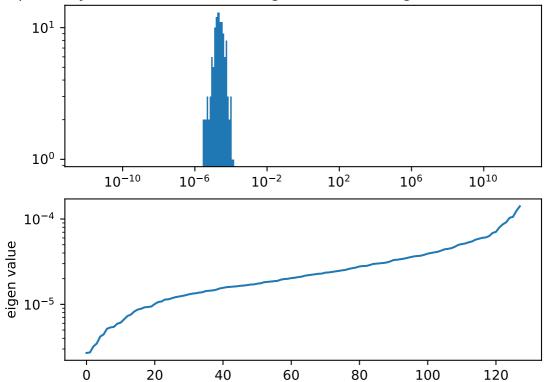
ep: 89 layer2.0.conv2 maxeig: 1.7e-04 mineig: 1.2e-06 con: 1.4e+02 10^{1} 10⁰ 10¹⁰ 10-2 10² 10-10 10^{-6} 10⁶ 10^{-4} eigen value 10⁻⁵ 10^{-6} 60 100 120

80

20

40

ep: 89 layer2.0.shortcut.0 maxeig: 1.4e-04 mineig: 2.7e-06 con: 5.2e+01



ep: 89 layer2.1.conv1 maxeig: 4.0e-05 mineig: 3.7e-06 con: 1.1e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10-2 10⁶ eigen value 10⁻⁵

60

100

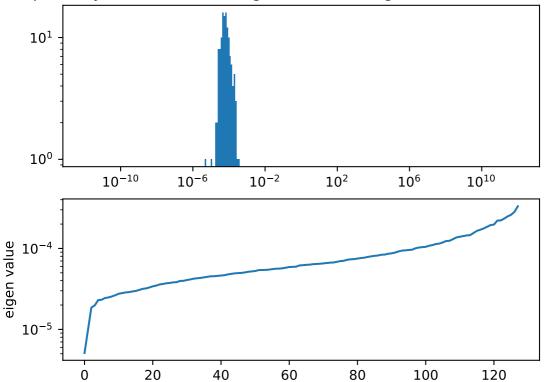
80

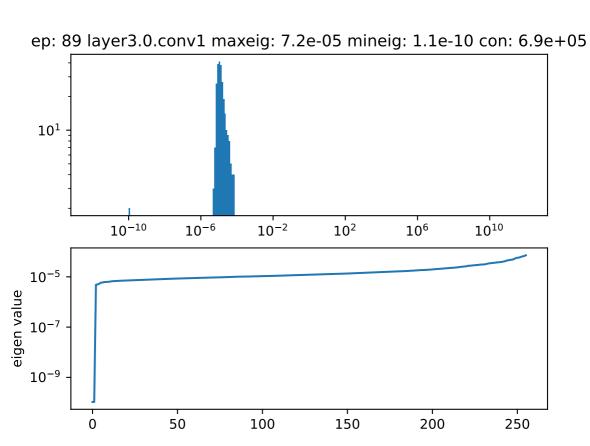
120

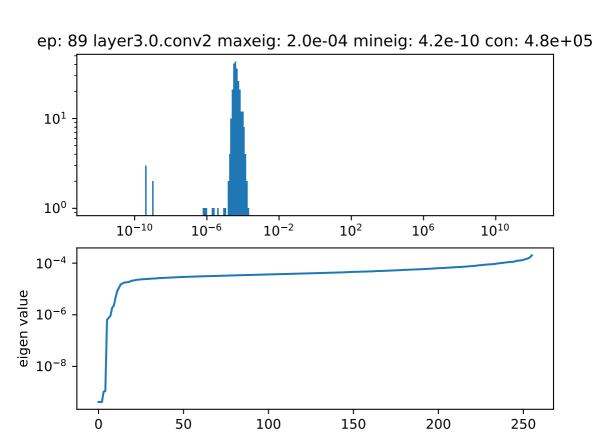
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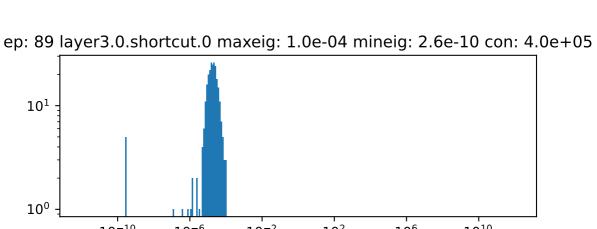
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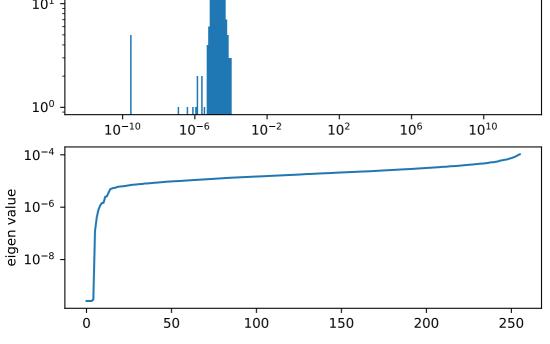
ep: 89 layer2.1.conv2 maxeig: 3.3e-04 mineig: 5.1e-06 con: 6.5e+01

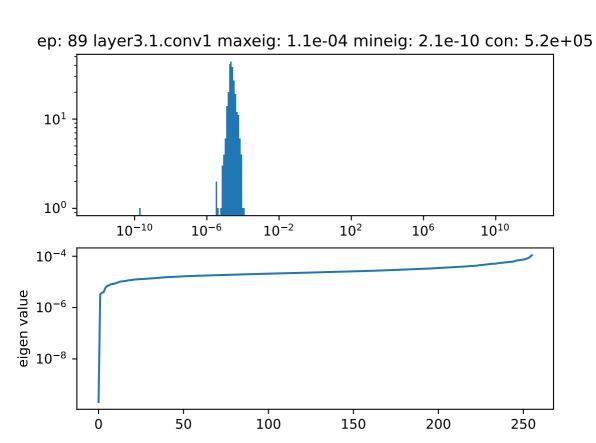












ep: 89 layer3.1.conv2 maxeig: 5.1e-04 mineig: 7.2e-06 con: 7.1e+01 10^{1} 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10-6 10-2 10⁶ 10^{-4} 10⁻⁵ 250

100

150

200

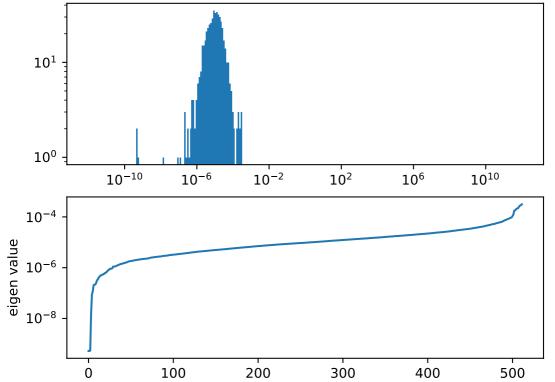
50

eigen value

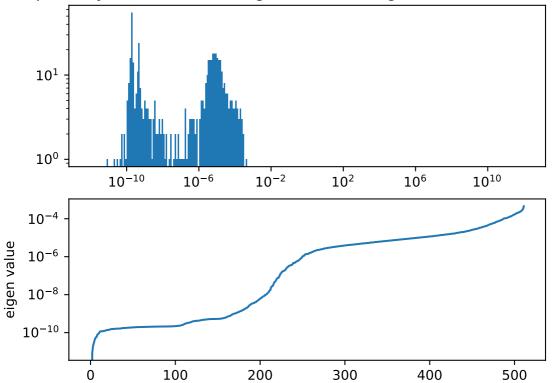
ep: 89 layer4.0.conv1 maxeig: 2.3e-04 mineig: 1.9e-06 con: 1.2e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁵ 100 500 200 300 400

ep: 89 layer4.0.conv2 maxeig: 6.7e-04 mineig: 8.4e-10 con: 8.0e+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: 89 layer4.0.shortcut.0 maxeig: 3.1e-04 mineig: 5.3e-10 con: 6.0e+05



ep: 89 layer4.1.conv1 maxeig: 4.5e-04 mineig: -7.9e-11 con: 5.3e+07



ep: 89 layer4.1.conv2 maxeig: 1.5e-03 mineig: 8.4e-10 con: 1.7e+06

