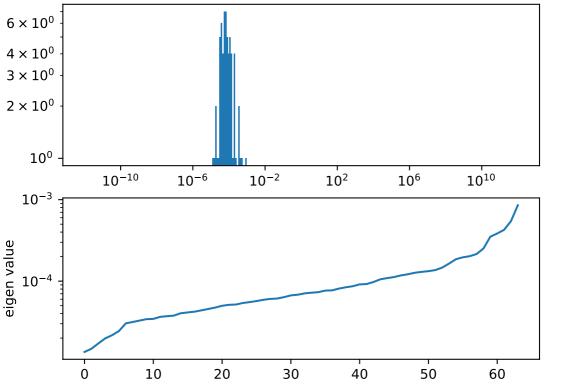
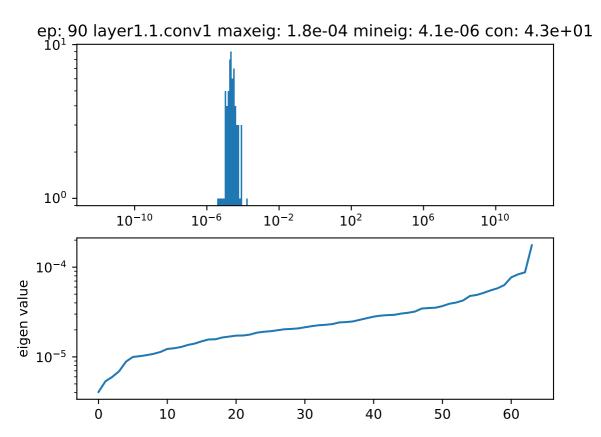
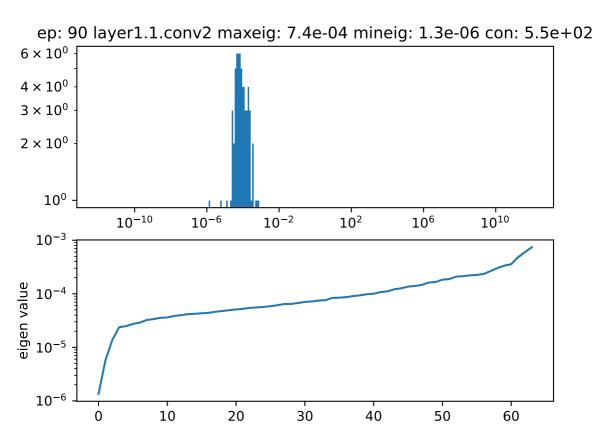


ep: 90 layer1.0.conv1 maxeig: 5.4e-03 mineig: 1.1e-05 con: 5.1e+02 6×10^{0} 4×10^{0} 3×10^{0} 2×10^{0} 10⁰ 1010 10-10 10^{-6} 10-2 10² 10⁶ eigen value 10⁻³ 10⁻³ 10-5 50 60 10 20 30 40

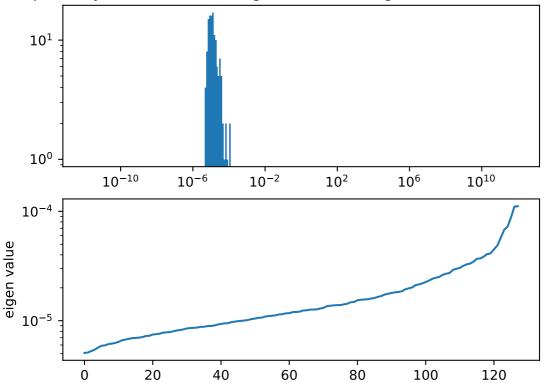
ep: 90 layer1.0.conv2 maxeig: 8.5e-04 mineig: 1.4e-05 con: 6.3e+01







ep: 90 layer2.0.conv1 maxeig: 1.1e-04 mineig: 5.1e-06 con: 2.2e+01

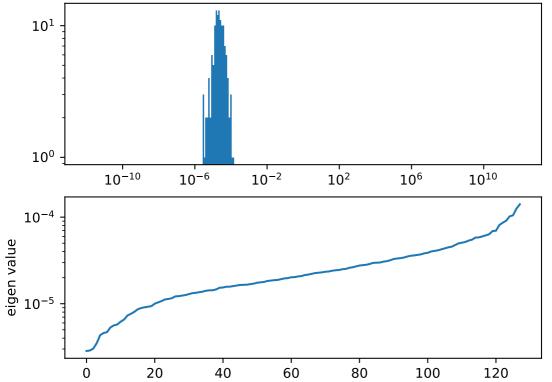


ep: 90 layer2.0.conv2 maxeig: 1.7e-04 mineig: 1.3e-06 con: 1.3e+02 10^{1} 10⁰ 10¹⁰ 10-2 10² 10⁻¹⁰ 10^{-6} 10⁶ 10^{-4} eigen value 60 100 120

20

40

ep: 90 layer2.0.shortcut.0 maxeig: 1.4e-04 mineig: 2.8e-06 con: 5.0e+01



ep: 90 layer2.1.conv1 maxeig: 3.9e-05 mineig: 3.8e-06 con: 1.0e+01 10^{1} 10¹⁰ 10² 10-10 10-2 10⁶ 10^{-6} eigen value 10⁻⁵

100

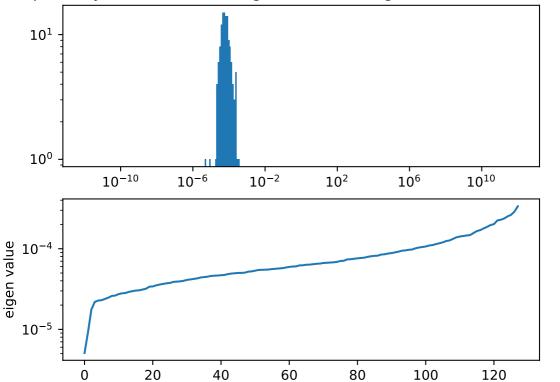
80

120

20

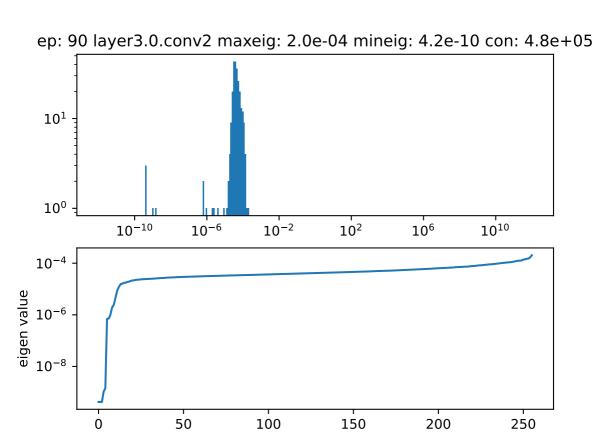
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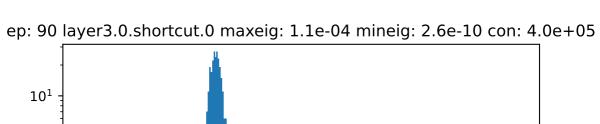
ep: 90 layer2.1.conv2 maxeig: 3.4e-04 mineig: 5.1e-06 con: 6.6e+01

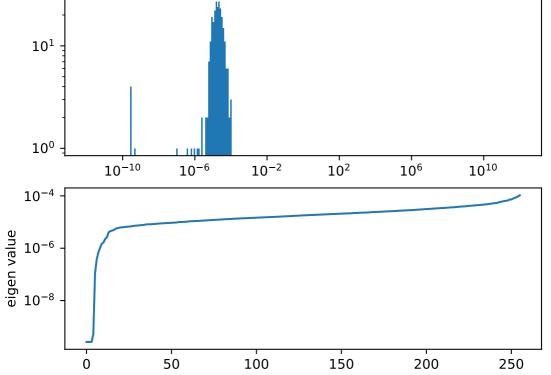


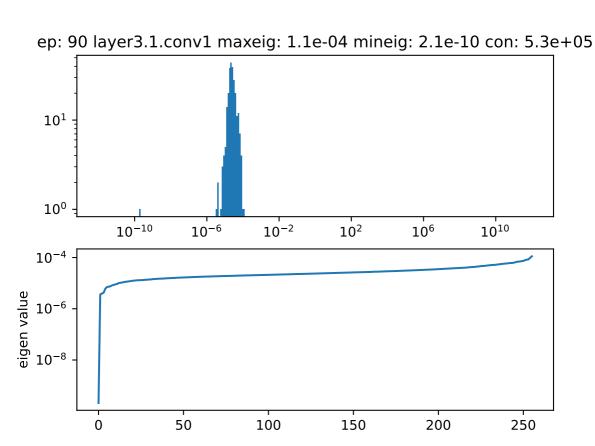
ep: 90 layer3.0.conv1 maxeig: 7.1e-05 mineig: 1.1e-10 con: 6.8e+05 10^{1} 10² 1010 10^{-10} 10-2 10⁶ 10^{-6} 10⁻⁵ 10^{-9} 250 50 100 150 200

eigen value









ep: 90 layer3.1.conv2 maxeig: 5.5e-04 mineig: 7.6e-06 con: 7.2e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-6 10-2 10⁶ 10^{-4} 10^{-5} 250

150

200

50

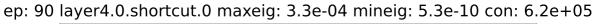
eigen value

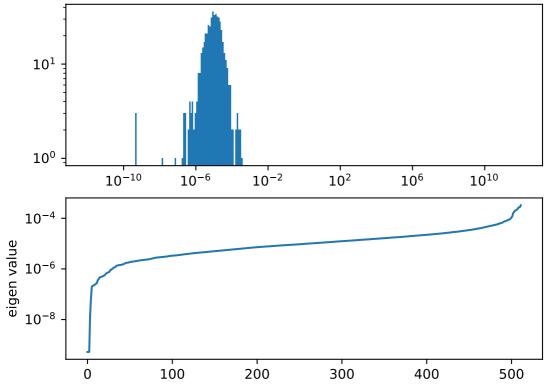
ep: 90 layer4.0.conv1 maxeig: 2.4e-04 mineig: 1.9e-06 con: 1.3e+02 10¹ 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁵ 100 500 200 300 400

ep: 90 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

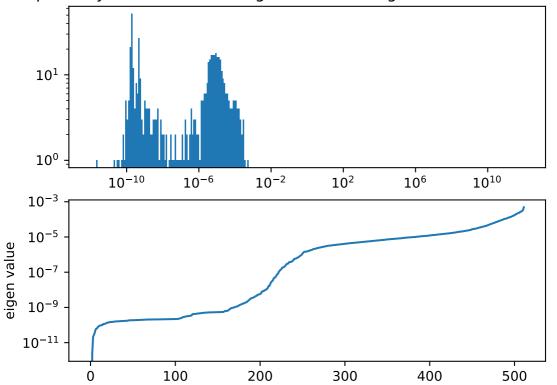
300

400





ep: 90 layer4.1.conv1 maxeig: 4.9e-04 mineig: -4.2e-11 con: 2.1e+08



ep: 90 layer4.1.conv2 maxeig: 1.5e-03 mineig: 8.4e-10 con: 1.8e+06

