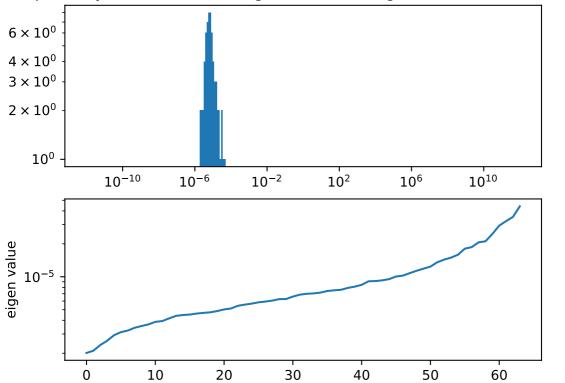
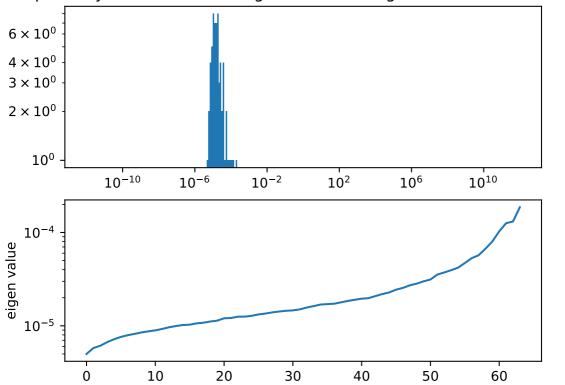


ep: 11 layer1.0.conv2 maxeig: 4.4e-04 mineig: 8.9e-06 con: 5.0e+01 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ eigen value 10^{-4} 10^{-5} 10 20 30 50 60 40

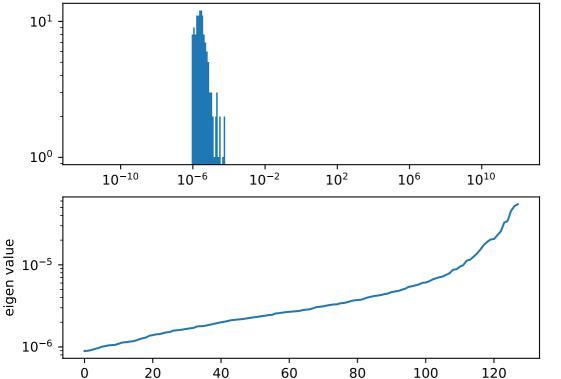
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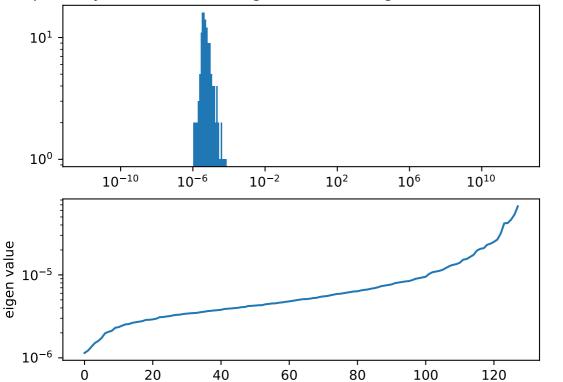
ep: 11 layer1.1.conv2 maxeig: 1.9e-04 mineig: 5.0e-06 con: 3.7e+01



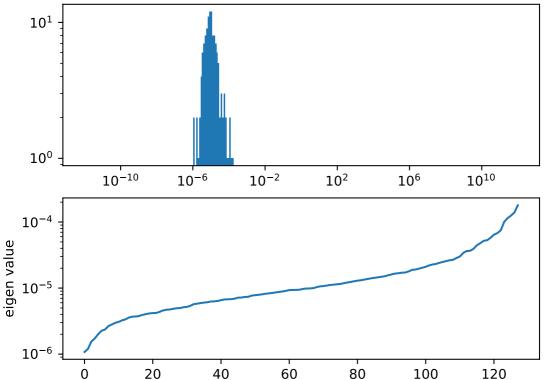
ep: 11 layer2.0.conv1 maxeig: 5.5e-05 mineig: 8.9e-07 con: 6.1e+01



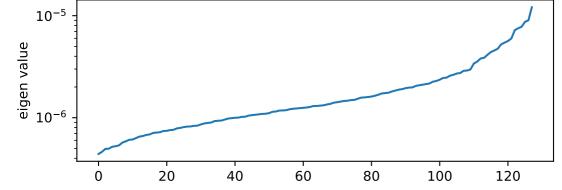
ep: 11 layer2.0.conv2 maxeig: 6.7e-05 mineig: 1.1e-06 con: 5.9e+01



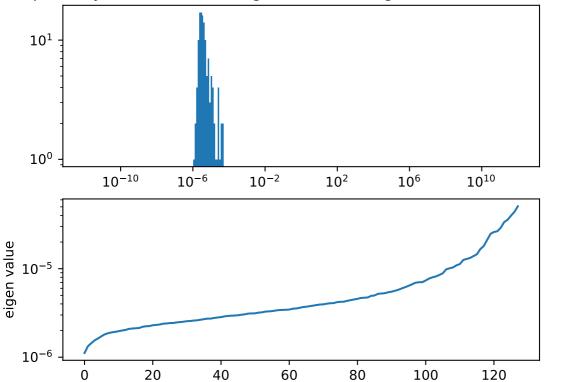
ep: 11 layer2.0.shortcut.0 maxeig: 1.8e-04 mineig: 1.1e-06 con: 1.7e+02



ep: 11 layer2.1.conv1 maxeig: 1.2e-05 mineig: 4.4e-07 con: 2.7e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6}



ep: 11 layer2.1.conv2 maxeig: 5.1e-05 mineig: 1.1e-06 con: 4.5e+01



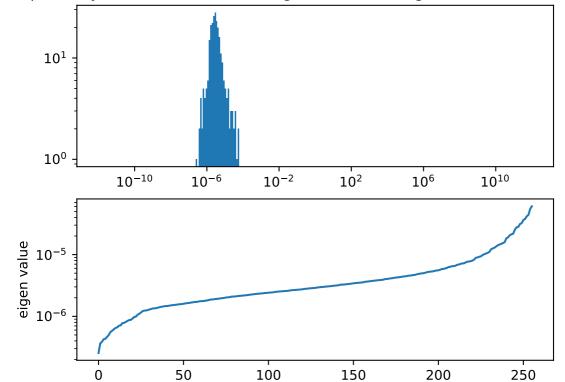
ep: 11 layer3.0.conv1 maxeig: 2.0e-05 mineig: 2.4e-07 con: 8.2e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10^{-5} eigen value 10⁻⁶ 250 50 100 150 200

ep: 11 layer3.0.conv2 maxeig: 4.7e-05 mineig: 4.2e-07 con: 1.1e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} eigen value 10⁻⁵ 10^{-6} 250

150

200

ep: 11 <u>layer3.0.shortcut.0 maxeig: 6.1e-05 mineig: 2.6e-07 con: 2.4e+02</u>



ep: 11 layer3.1.conv1 maxeig: 1.2e-05 mineig: 1.7e-07 con: 7.0e+01 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10⁻⁵ eigen value 250 50 100 150 200

ep: 11 layer3.1.conv2 maxeig: 4.1e-05 mineig: 3.6e-07 con: 1.1e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10^{-6} 10-2 10⁶ 10⁻⁵ eigen value 10^{-6}

150

200

50

ep: 11 layer4.0.conv1 maxeig: 3.9e-05 mineig: 9.0e-08 con: 4.4e+02 10¹ 10⁰ 10¹⁰ 10² 10⁻¹⁰ 10^{-6} 10-2 10⁶ eigen value 10⁻⁶ 10^{-7} 100 500

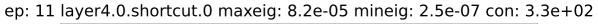
300

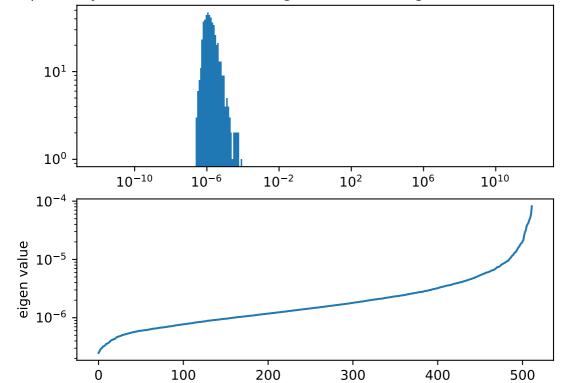
ep: 11 layer4.0.conv2 maxeig: 5.3e-05 mineig: 2.7e-07 con: 1.9e+02 10^{1} 10⁰ 10¹⁰ 10-10 10² 10-2 10⁶ 10^{-6} eigen value 10⁻⁶

300

400

500





ep: 11 layer4.1.conv1 maxeig: 7.4e-05 mineig: 1.0e-07 con: 7.1e+02 10^{1} 10⁰ 10¹⁰ 10-10 10-2 10² 10⁶ 10^{-6} 10^{-4} e den value on 10⁻⁵ 10⁻⁵ 10^{-7} 100 500 200 300 400

ep: 11 layer4.1.conv2 maxeig: 1.7e-04 mineig: 2.2e-07 con: 7.6e+02 10¹ 10⁰ 10¹⁰ 10-10 10-2 10² 10⁶ 10^{-6} 10^{-4} eigen value 10⁻⁶ 100 500 200 300 400

