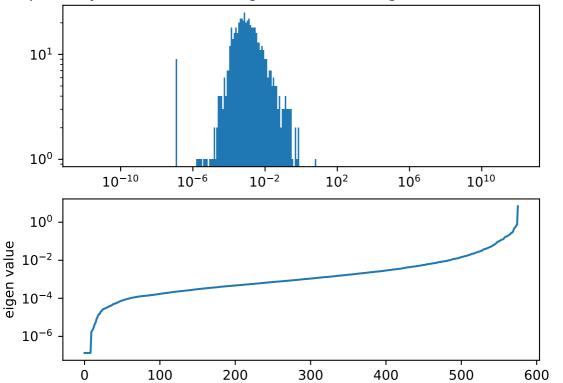
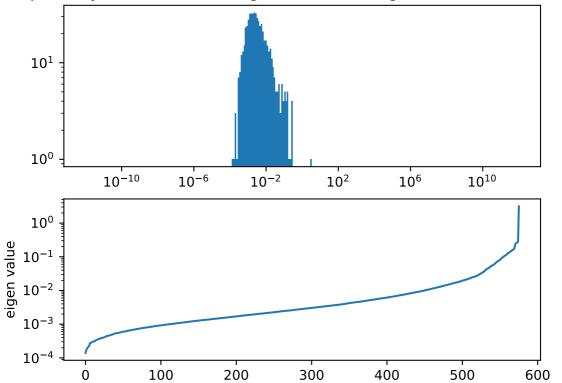
ep: 80 conv1 maxeig: 5.8e+01 mineig: 3.8e-03 con: 1.5e+04 3×10^{0} 2×10^{0} 10⁰ 10¹⁰ 10-10 10-6 10-2 10² 10⁶ 10¹ eigen value 10⁻¹ 10^{-2} 10 15 25 20

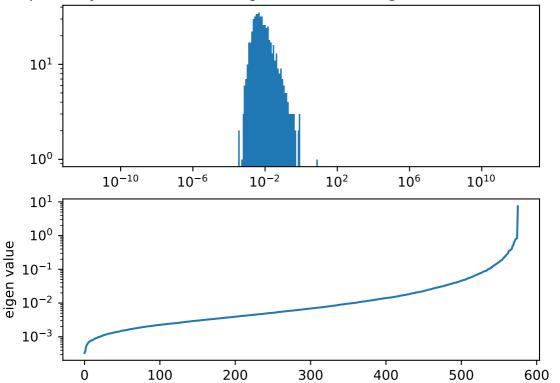
ep: 80 layer1.0.conv1 maxeig: 6.9e+00 mineig: 1.3e-07 con: 5.1e+07



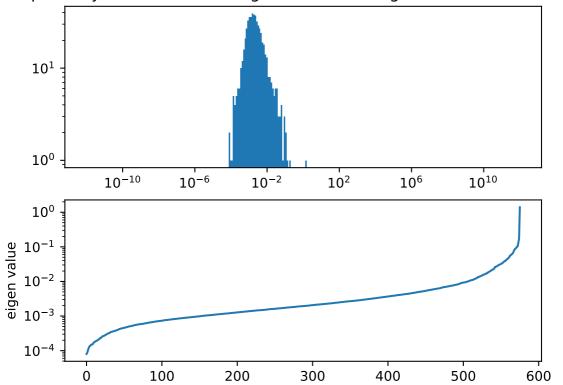
ep: 80 layer1.0.conv2 maxeig: 3.2e+00 mineig: 1.4e-04 con: 2.3e+04



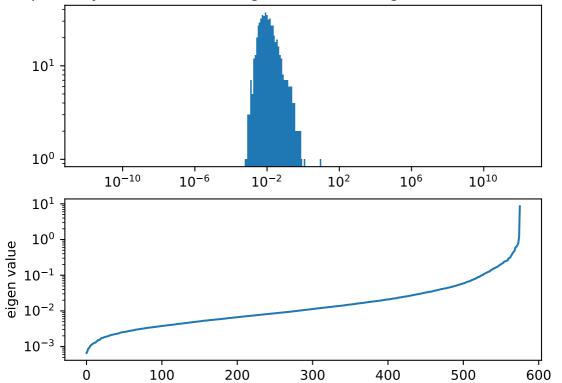
ep: 80 layer1.1.conv1 maxeig: 7.4e+00 mineig: 3.3e-04 con: 2.2e+04



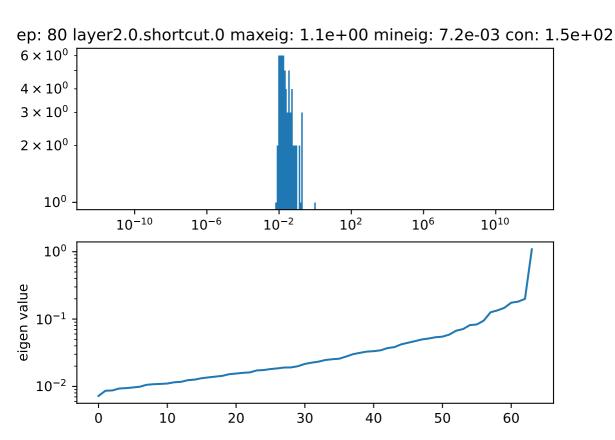
ep: 80 layer1.1.conv2 maxeig: 1.4e+00 mineig: 8.0e-05 con: 1.7e+04



ep: 80 layer2.0.conv1 maxeig: 8.5e+00 mineig: 6.6e-04 con: 1.3e+04



ep: 80 layer2.0.conv2 maxeig: 2.8e+00 mineig: 5.8e-04 con: 4.8e+03 10^{2} 10^{1} 10⁰ 1010 10-10 10^{-2} 10^{-6} 10² 10⁶ 10⁰ 10⁻³ 200 400 600 800 1000 1200



ep: 80 layer2.1.conv1 maxeig: 7.4e+00 mineig: 6.9e-05 con: 1.1e+05 10^{2} 10^{1} 10^{0} 1010 10-10 10^{-6} 10-2 10⁶ 10² 10^{1} eigen value 10^{-1} 10^{-3} 200 400 600 800 1000 1200

ep: 80 layer2.1.conv2 maxeig: 4.2e-01 mineig: 9.2e-05 con: 4.5e+03 10^{2} 10^{1} 10⁰ 1010 10⁻¹⁰ 10² 10⁶ 10^{-6} 10^{-2} 10^{-1} eiden value 10⁻² 10⁻³ 10^{-4} 200 400 600 800 1000 1200

ep: 80 layer3.0.conv1 maxeig: 7.6e+00 mineig: 1.2e-03 con: 6.5e+03 10^{2} 10^{1} 10^{0} 1010 10-10 10⁶ 10^{-6} 10^{-2} 10² 10^{1} eigen value 10 10⁻² 10⁰ 10⁻³

600

800

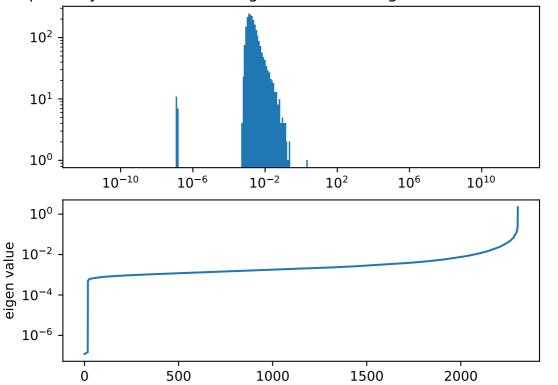
1000

1200

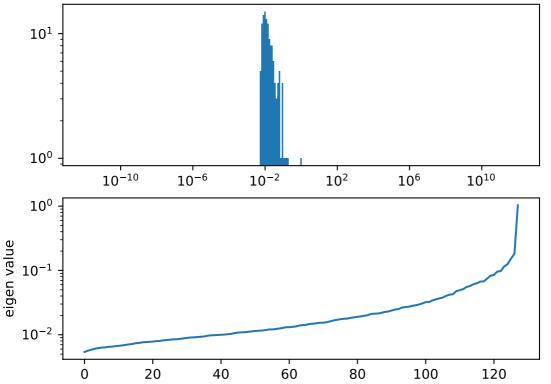
200

400

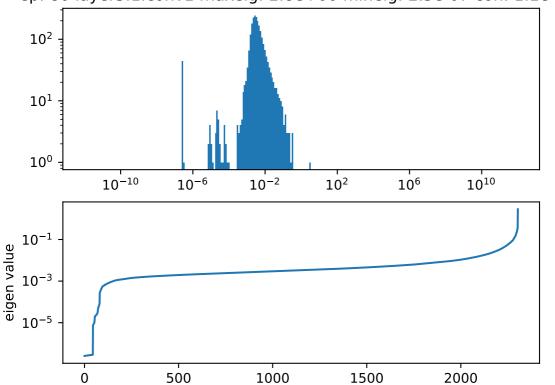
ep: 80 layer3.0.conv2 maxeig: 2.2e+00 mineig: 1.2e-07 con: 1.8e+07



ep: 80 layer3.0.shortcut.0 maxeig: 1.0e+00 mineig: 5.4e-03 con: 1.9e+02



ep: 80 layer3.1.conv1 maxeig: 2.8e+00 mineig: 2.5e-07 con: 1.1e+07



ep: 80 layer3.1.conv2 maxeig: 4.8e-01 mineig: 6.4e-08 con: 7.5e+06 10² 10¹ 10⁰ 10-10 1010 10^{-6} 10⁶ 10^{-2} 10² 10⁰ 10^{-2} eigen value 10^{-4} 10^{-6}

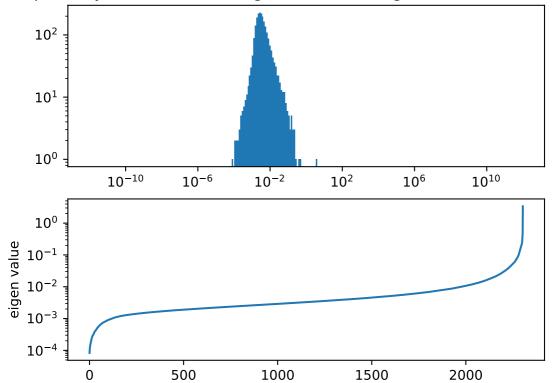
1000

1500

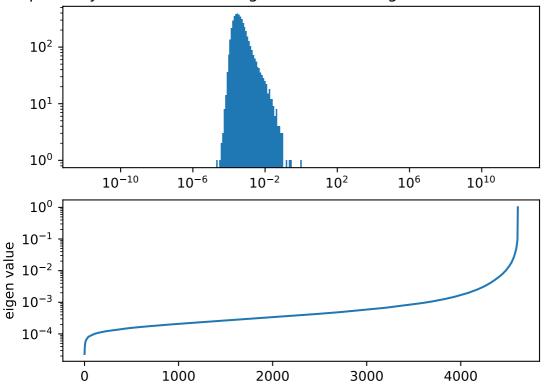
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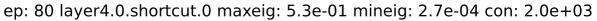
500

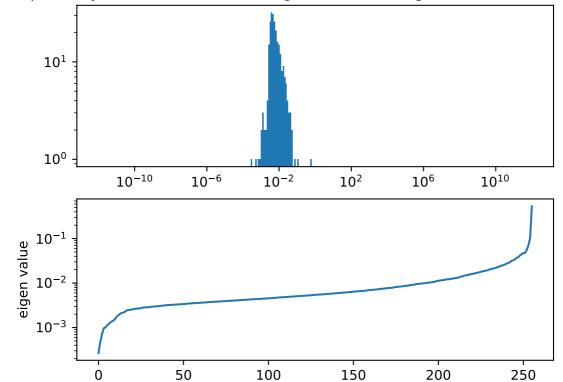
ep: 80 layer4.0.conv1 maxeig: 3.4e+00 mineig: 8.3e-05 con: 4.1e+04



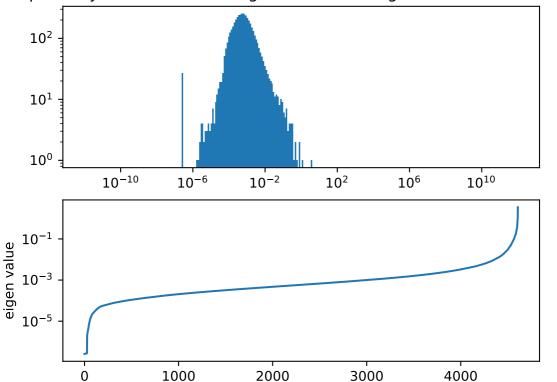
ep: 80 layer4.0.conv2 maxeig: 1.0e+00 mineig: 2.3e-05 con: 4.3e+04







ep: 80 layer4.1.conv1 maxeig: 3.5e+00 mineig: 2.5e-07 con: 1.4e+07



ep: 80 layer4.1.conv2 maxeig: 3.9e+00 mineig: -6.8e-08 con: 1.6e+09

