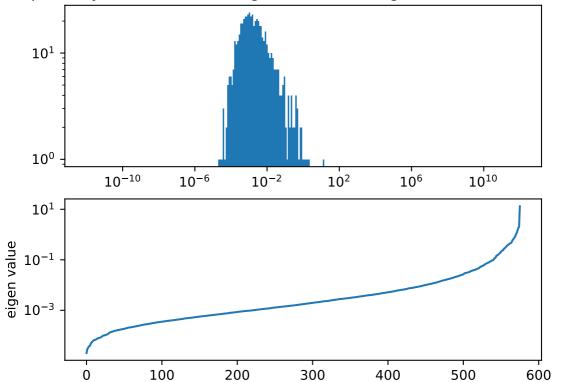
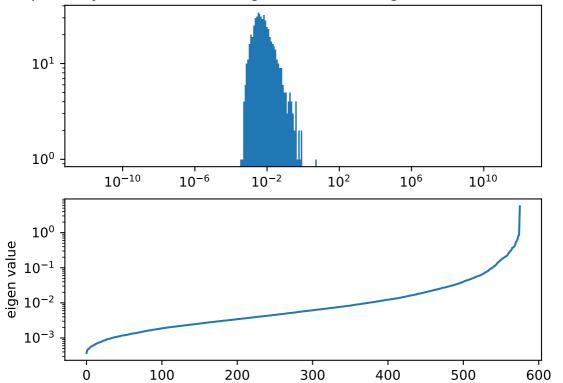
ep: 32 conv1 maxeig: 5.7e+01 mineig: 3.6e-03 con: 1.6e+04  $3 \times 10^{0}$  $2 \times 10^{0}$ 10<sup>0</sup> 10<sup>10</sup> 10-10 10-6 10-2 10<sup>2</sup> 10<sup>6</sup> 10<sup>1</sup> eigen value 10<sup>-1</sup>  $10^{-2}$ 10 15 25 20

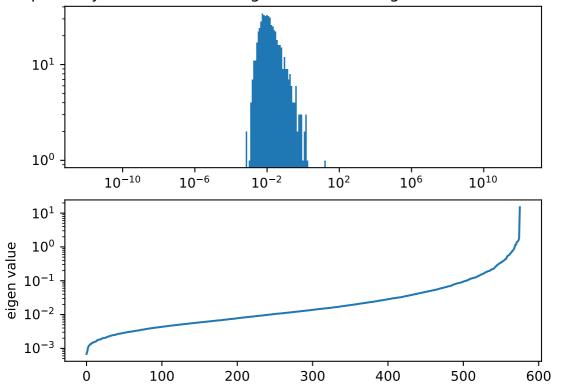
ep: 32 layer1.0.conv1 maxeig: 1.3e+01 mineig: 2.0e-05 con: 6.4e+05



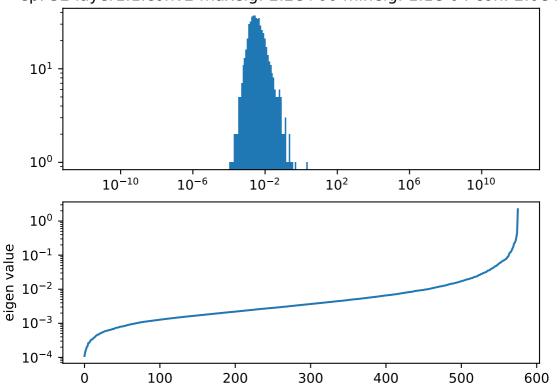
ep: 32 layer1.0.conv2 maxeig: 5.7e+00 mineig: 3.7e-04 con: 1.5e+04



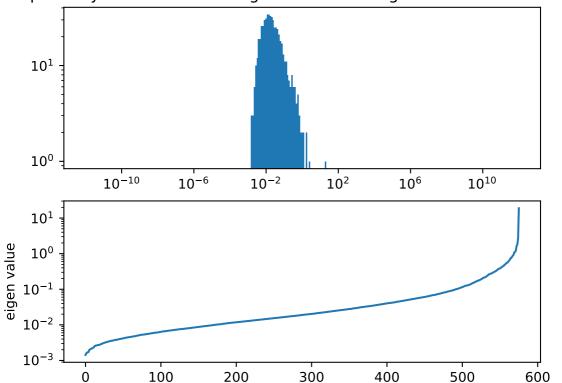
ep: 32 layer1.1.conv1 maxeig: 1.5e+01 mineig: 6.8e-04 con: 2.2e+04



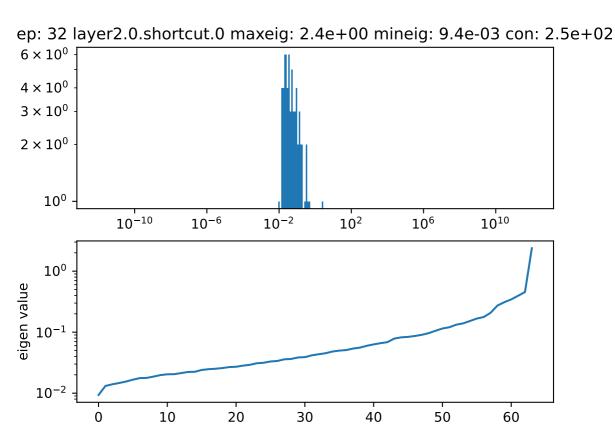
ep: 32 layer1.1.conv2 maxeig: 2.2e+00 mineig: 1.1e-04 con: 2.0e+04

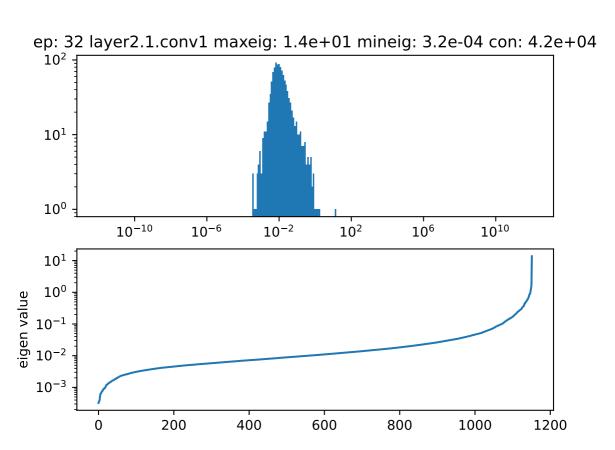


ep: 32 layer2.0.conv1 maxeig: 1.9e+01 mineig: 1.4e-03 con: 1.3e+04

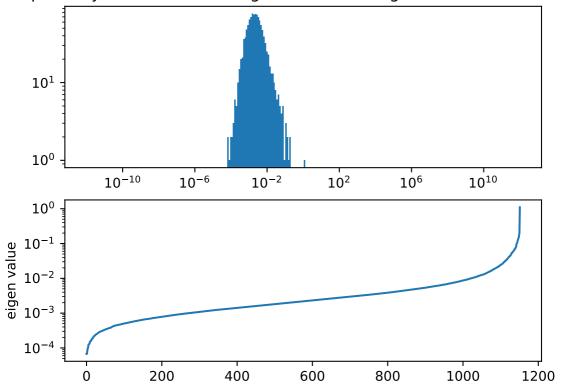


ep: 32 layer2.0.conv2 maxeig: 4.5e+00 mineig: 4.6e-04 con: 9.9e+03  $10^{2}$  $10^{1}$ 10<sup>0</sup> 1010 10-10 10<sup>6</sup>  $10^{-6}$  $10^{-2}$ 10<sup>2</sup> 10<sup>0</sup> eigen value  $10^{-1}$  $10^{-2}$ 10<sup>-3</sup> 200 400 600 800 1000 1200



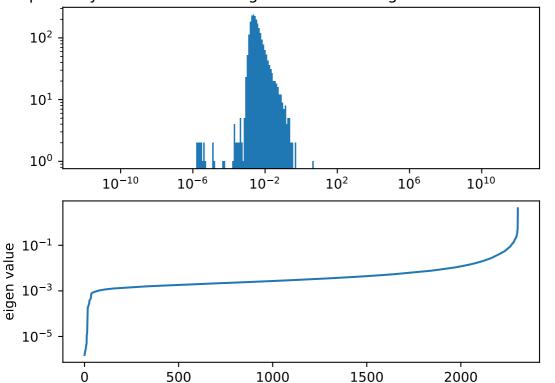


ep: 32 layer2.1.conv2 maxeig: 1.1e+00 mineig: 6.7e-05 con: 1.6e+04

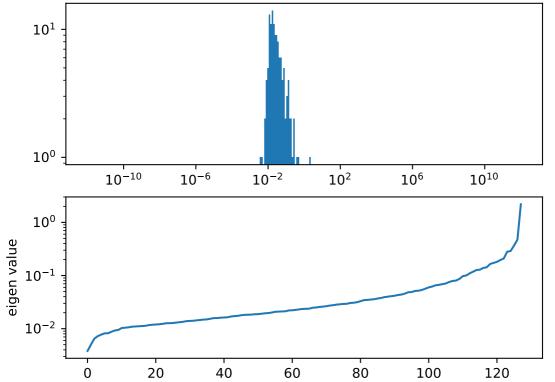


ep: 32 layer3.0.conv1 maxeig: 1.6e+01 mineig: 6.9e-04 con: 2.4e+04 10<sup>2</sup>  $10^{1}$ 10<sup>0</sup> 1010  $10^{-10}$  $10^{-2}$  $10^{-6}$ 10<sup>2</sup> 10<sup>6</sup>  $10^{1}$  $\frac{9}{9}$   $10^{0}$   $10^{-1}$   $10^{-2}$ 200 400 600 800 1000 1200

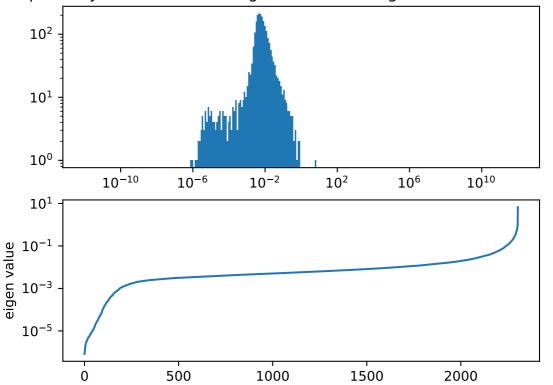
ep: 32 layer3.0.conv2 maxeig: 4.2e+00 mineig: 1.5e-06 con: 2.7e+06



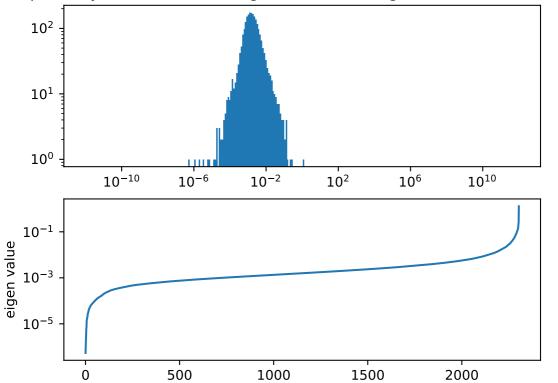
ep: 32 layer3.0.shortcut.0 maxeig: 2.2e+00 mineig: 3.8e-03 con: 5.7e+02



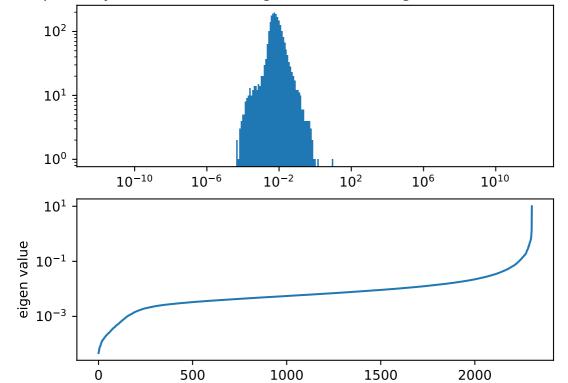
ep: 32 layer3.1.conv1 maxeig: 6.6e+00 mineig: 8.2e-07 con: 8.0e+06



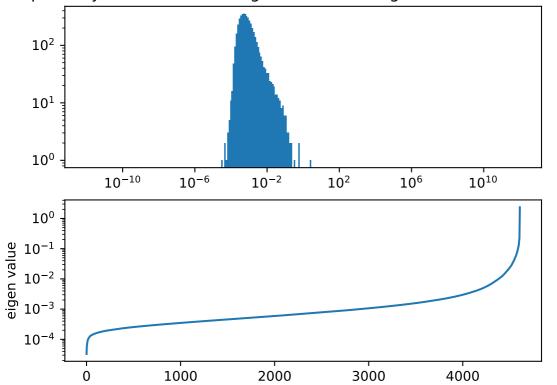
ep: 32 layer3.1.conv2 maxeig: 1.3e+00 mineig: 5.4e-07 con: 2.4e+06



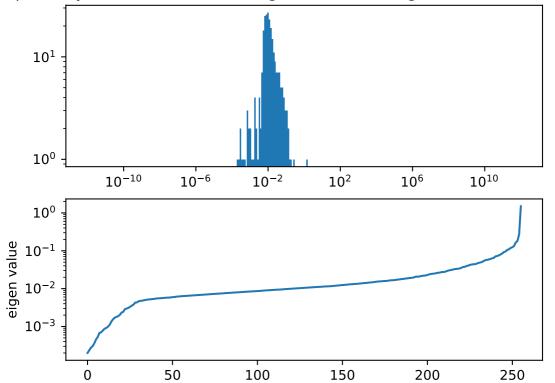
ep: 32 layer4.0.conv1 maxeig: 1.0e+01 mineig: 4.7e-05 con: 2.1e+05



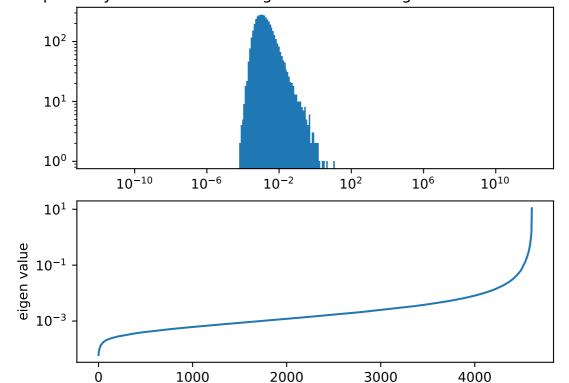
ep: 32 layer4.0.conv2 maxeig: 2.3e+00 mineig: 3.3e-05 con: 7.1e+04



ep: 32 layer4.0.shortcut.0 maxeig: 1.5e+00 mineig: 2.0e-04 con: 7.5e+03



ep: 32 layer4.1.conv1 maxeig: 1.1e+01 mineig: 6.1e-05 con: 1.8e+05



ep: 32 layer4.1.conv2 maxeig: 1.7e+00 mineig: 4.8e-07 con: 3.6e+06

