（一）噪声大小的影响；（20次迭代）

1.无噪声情况

batch: 123, verified acc: 2 / 8, time 0.019946575164794922

batch: 124, verified acc: 3 / 8, time 0.018950939178466797

CROWN verified acc: 16.6%, 166 verified, time 2.723541498184204

specification:

  epsilon: 0.00026

#attack:

#  pgd\_order: after

solver:

  beta-crown:

    batch\_size: 8

    iteration: 20

CROWN verified acc: 96.0%, 960 verified, time 2.702199697494507

2.有噪声

pecification:

  epsilon: 0.0026

#attack:

#  pgd\_order: after

solver:

  beta-crown:

    batch\_size: 8

    iteration: 20

CROWN verified acc: 95.5%, 955 verified, time 2.7482857704162598

3.噪声进一步增大时

specification:

  epsilon: 0.026

#attack:

#  pgd\_order: after

solver:

  beta-crown:

    batch\_size: 8

    iteration: 20

CROWN verified acc: 16.6%, 166 verified, time 2.739769220352173

（二）迭代次数的影响（40次迭代，似乎无影响）

（1）40增大迭代次数

specification:

  epsilon: 0.026

#attack:

#  pgd\_order: after

solver:

  beta-crown:

    batch\_size: 8

    iteration: 40

batch: 124, verified acc: 3 / 8, time 0.019946813583374023

CROWN verified acc: 16.6%, 166 verified, time 2.7019033432006836

（三）增大

Bab-timeout

300->3000