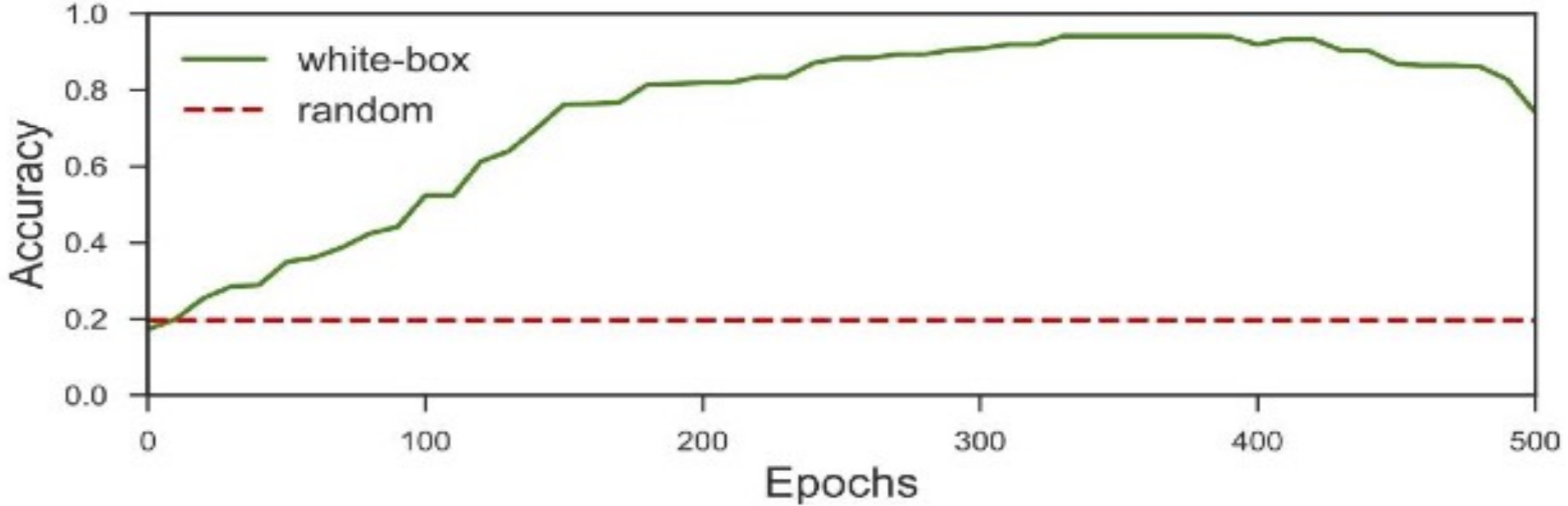
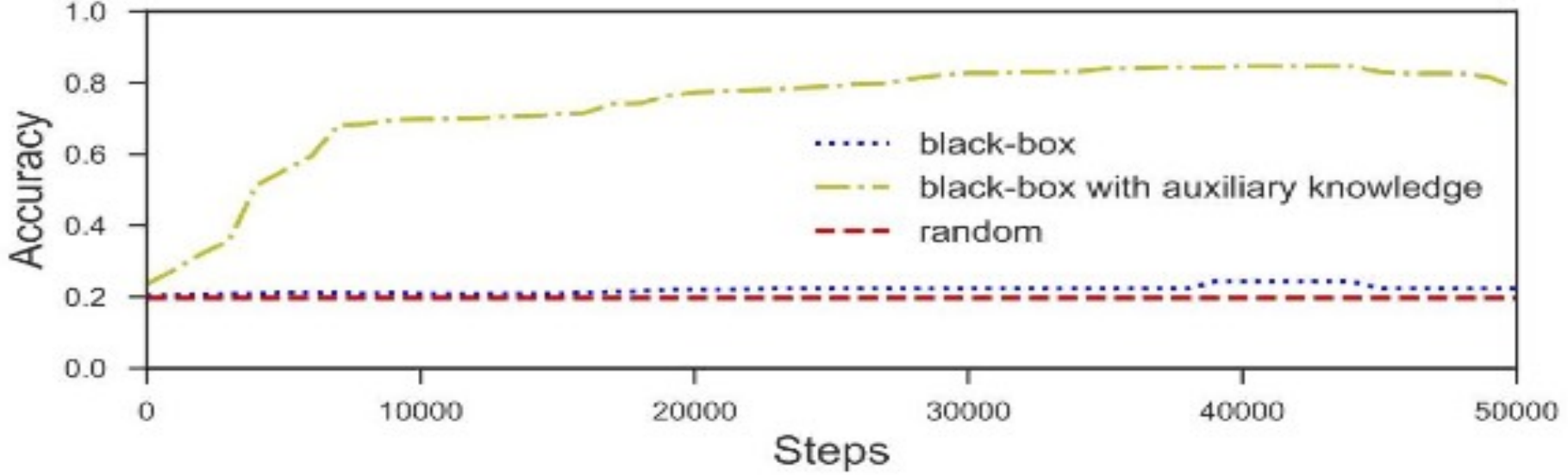
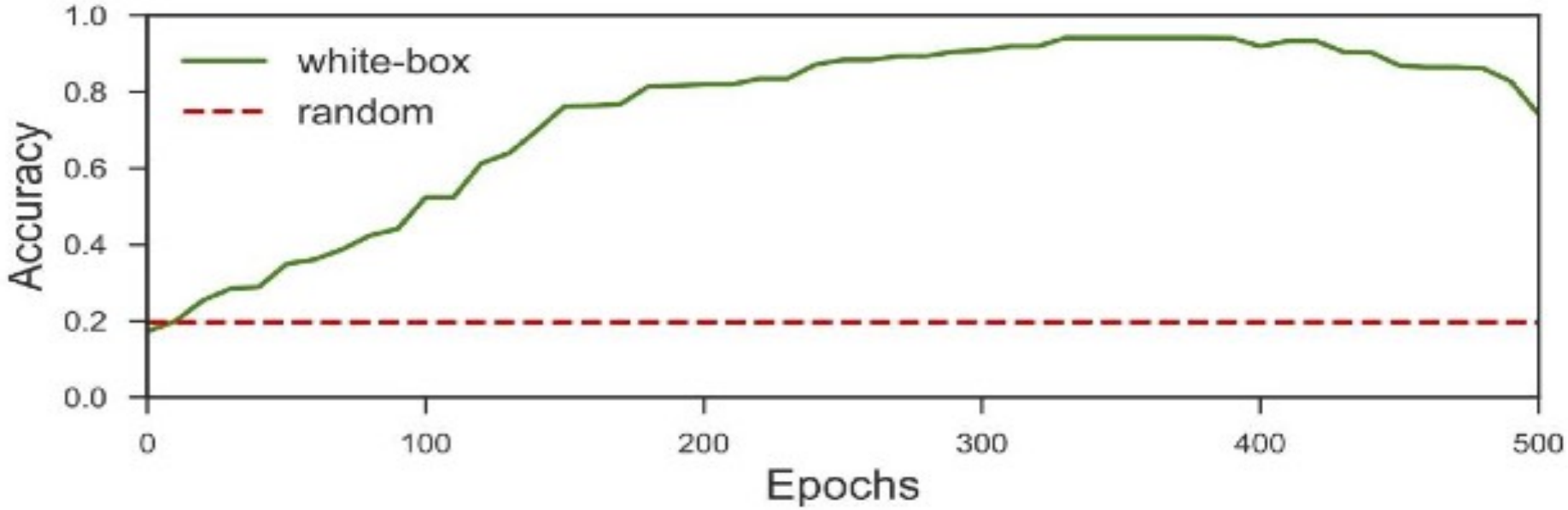
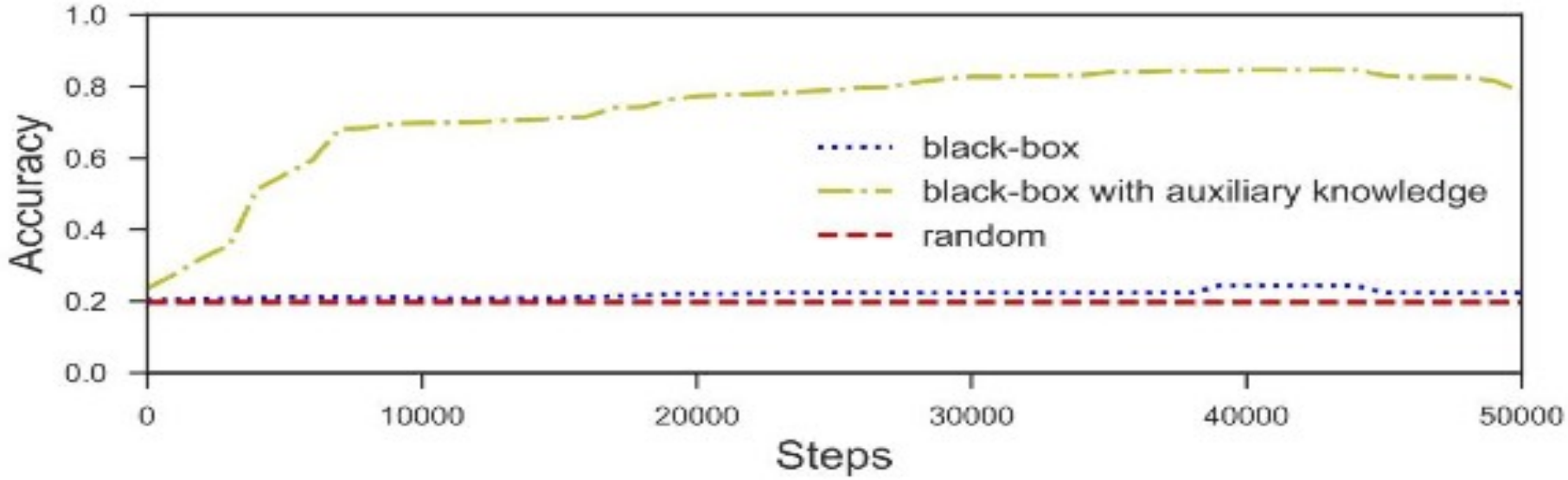
DR Dataset


1.0
0.8
0.6
0.4
0.2
0.0
Accuracy
white-box
random
0
100
200
300
400
500
Epochs

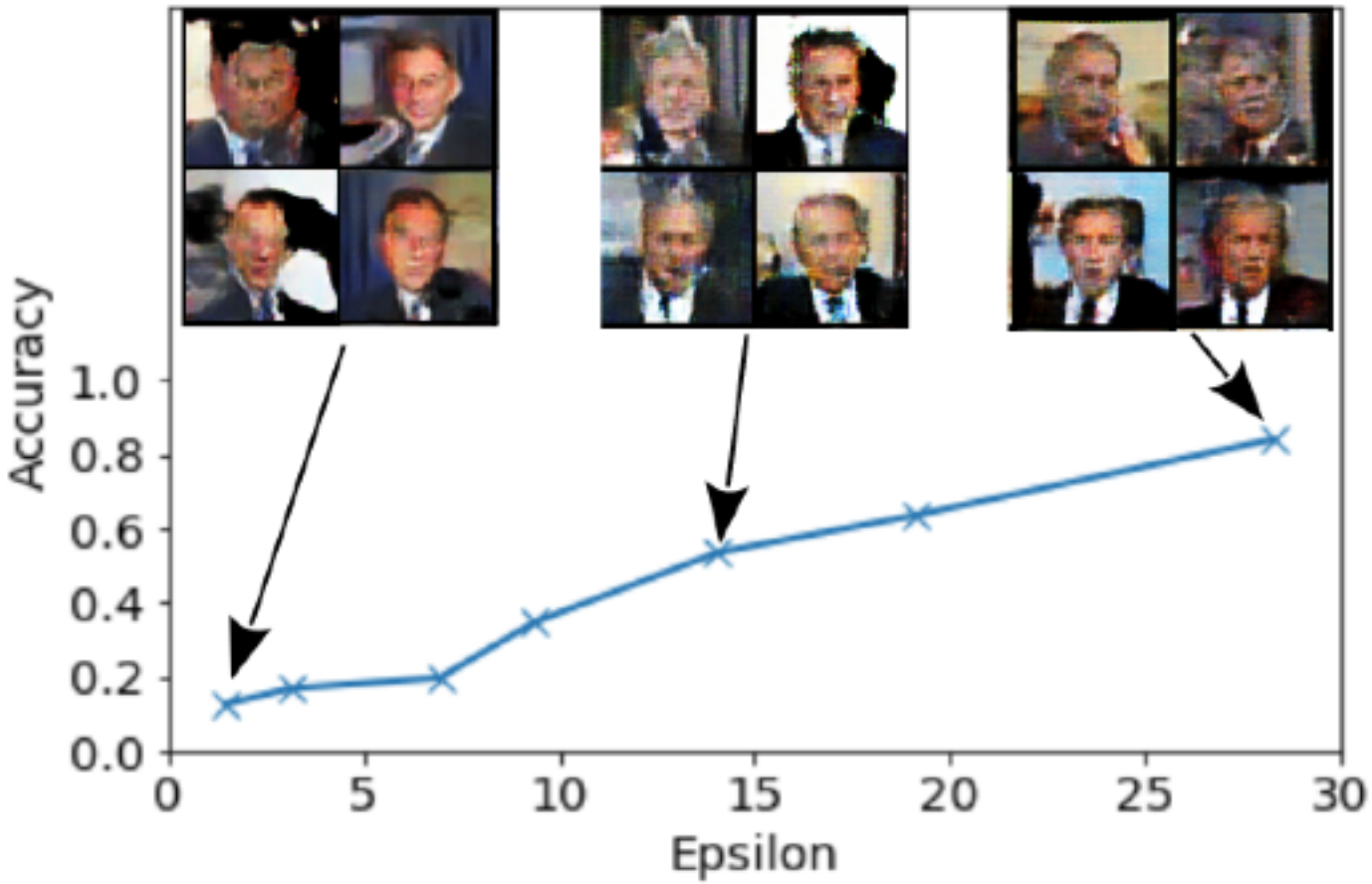

1.0
0.8
0.6
0.4
0.2
0.0
Accuracy
black-box
black-box with auxiliary knowledge
random
0
10000
20000
30000
40000
50000
Steps

DR Dataset


1.0
0.8
0.6
0.4
0.2
0.0
Accuracy
white-box
random
0
100
200
300
400
500
Epochs


1.0
0.8
0.6
0.4
0.2
0.0
Accuracy
black-box
black-box with auxiliary knowledge
random
0
10000
20000
30000
40000
50000
Steps

Defense? Differentially Private GAN*



White-box, LFW, top ten classes

*Triastcyn et al. “Generating differentially private datasets using GANs.” arXiv 1803.03148