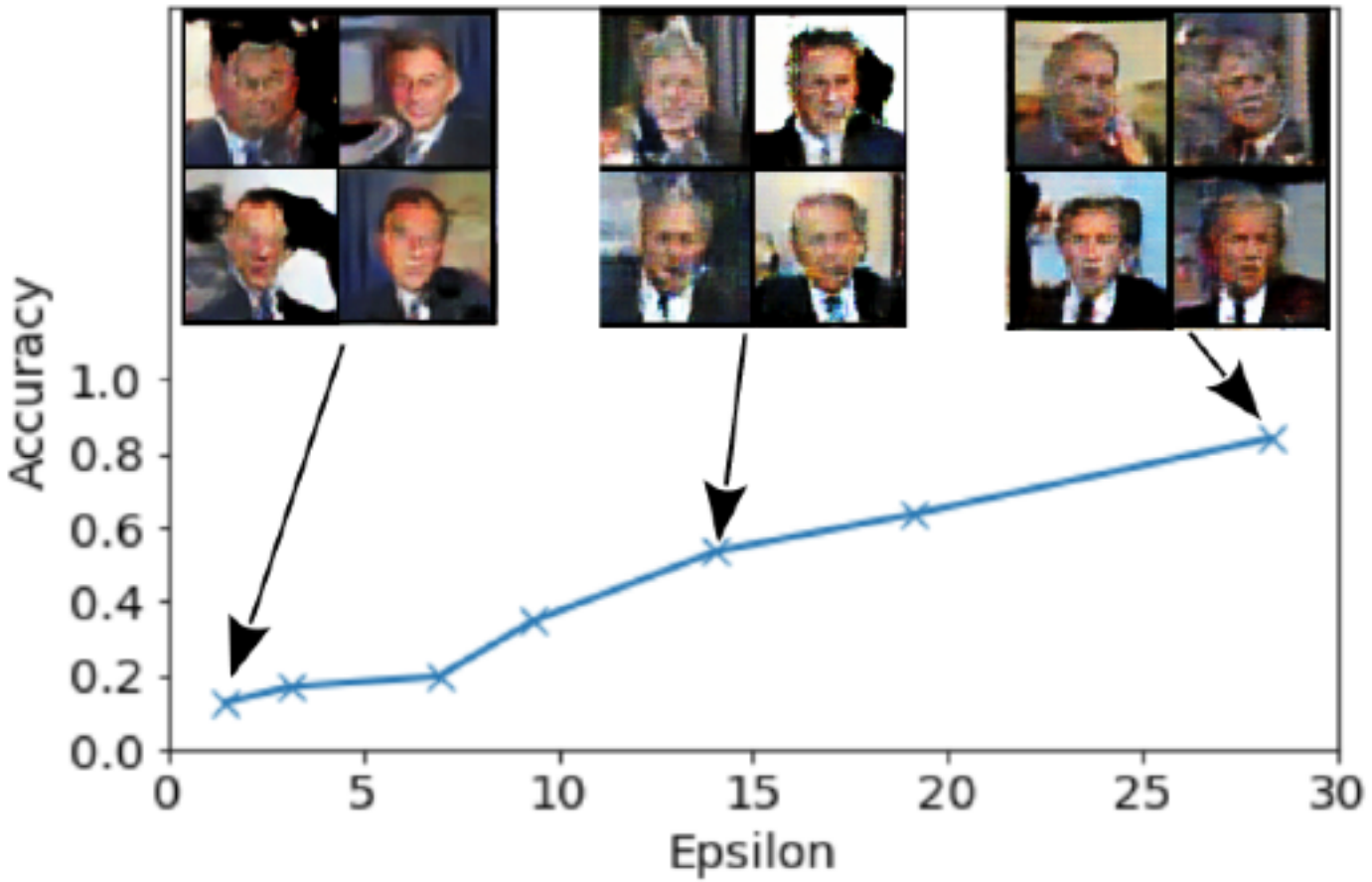
Defense? Differentially Private GAN*



White-box, LFW, top ten classes

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

Agenda

1. Training (Distributed) ML Models with Privacy
2. Private Data Release with Generative Neural Networks
3. Privacy Leakage from Generative Models as a Service
4. Privacy Leakage in Collaborative/Federate ML