2048 4096 8192 16384 ResNet50 CIFAR1
Training Loss SGD 0.1 SGD 0.1 SGD 0.1 SGD 0.1 10<sup>0</sup> Adam 0.001 Adam 0.001 Adam 0.0001 Adam 0.001  $10^{-2}$ 500 1000 500 1000 0 500 1000 500 1000 0

Num Iterations

Minibatch Size