Standard SGD vs Mini-batch SGD Loss Trajectory (MNIST Subset) 0.16 Standard SGD (Batch Size=1) Mini-batch SGD (Batch Size=32) 0.14 0.12 Binary Cross-Entropy Loss 0.10 0.08 0.06 0.04 0.02 0.00 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 **Epochs**