Train Loss of Logistic Regression on KDD Cup 2012 Data (sync) 0.7 Communication period: 100 Communication period: 1000 Communication period: 10000 0.6 0.5 0.4 0.3 0.2 0.2 0.6 0.8 0.0 0.4 1.0 1.2

Number of Samples Seen

1.4

1e7

**Train Loss**