Time Per Samples Set Logistic Regression on KDD Cup 2012 Data (sync) Avg 100: 10.3194738255 Sync period: 100 Avg 1000: 10.3402112416 10.34 -Sync period: 1000 Avg 10000: 10.3212917785 Sync period: 10000 10.33 Compute Time in Seconds 10.32 10.31 10.30 10.29 10.28

10.27

0.0

0.2

0.4

0.6

8.0

Number of Samples Seen

1.0

1.2

1.4

1e7