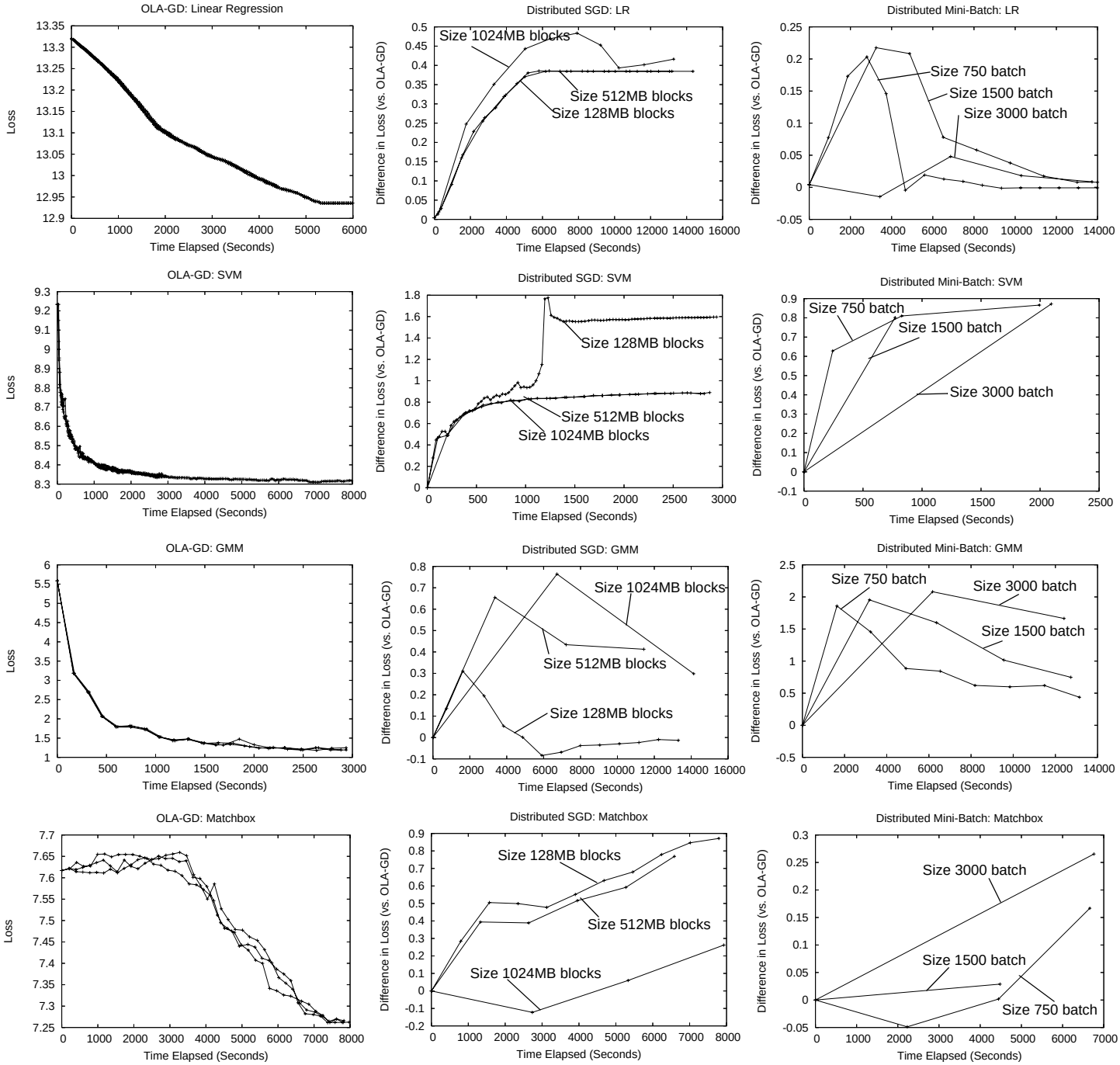
OLA-GD: Linear Regression
Loss
Time Elapsed (Seconds)
Distributed SGD: LR
Size 1024MB blocks
Size 512MB blocks
Size 128MB blocks
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
Distributed Mini-Batch: LR
Size 750 batch
Size 1500 batch
Size 3000 batch
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
OLA-GD: SVM
Loss
Time Elapsed (Seconds)
Distributed SGD: SVM
Size 128MB blocks
Size 512MB blocks
Size 1024MB blocks
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
Distributed Mini-Batch: SVM
Size 750 batch
Size 1500 batch
Size 3000 batch
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
OLA-GD: GMM
Loss
Time Elapsed (Seconds)
Distributed SGD: GMM
Size 1024MB blocks
Size 512MB blocks
Size 128MB blocks
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
Distributed Mini-Batch: GMM
Size 750 batch
Size 3000 batch
Size 1500 batch
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
OLA-GD: Matchbox
Loss
Time Elapsed (Seconds)
Distributed SGD: Matchbox
Size 128MB blocks
Size 512MB blocks
Size 1024MB blocks
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)
Distributed Mini-Batch: Matchbox
Size 3000 batch
Size 1500 batch
Size 750 batch
Difference in Loss (vs. OLA-GD)
Time Elapsed (Seconds)