Train Loss Comparison Comparison 0.7 0.6 0.6 0.5 **Test Loss** 0.5 0.4 0.4 20 120 140 120 140 40 100 80 100 60 80 **Epoch Number Epoch Number** Train Accuracy Comparison Comparison 8.0 0.8 -0.7 0.7 Accuracy 0.6 0.6 -0.5 0.5 -Test 0.4 20 140 0 40 60 80 100 120 20 40 80 100 120 140 60 **Epoch Number Epoch Number**

igits Comparison Accuracies and Losses for Fully Connected Net (siamese, no auxiliary los