MSE vs. Transmitted Bits per Iteration With Different Optimization intervals 8.0 Mean Squared Error (MSE) 0.4 0.2 - Local Training **Sheaf-FMTL** 0.0 Sampled-Sheaf-FMTL Cb=0.1 25 **50 75** 100 0 125 150 175 200 **Transmitted Bits per Iteration**