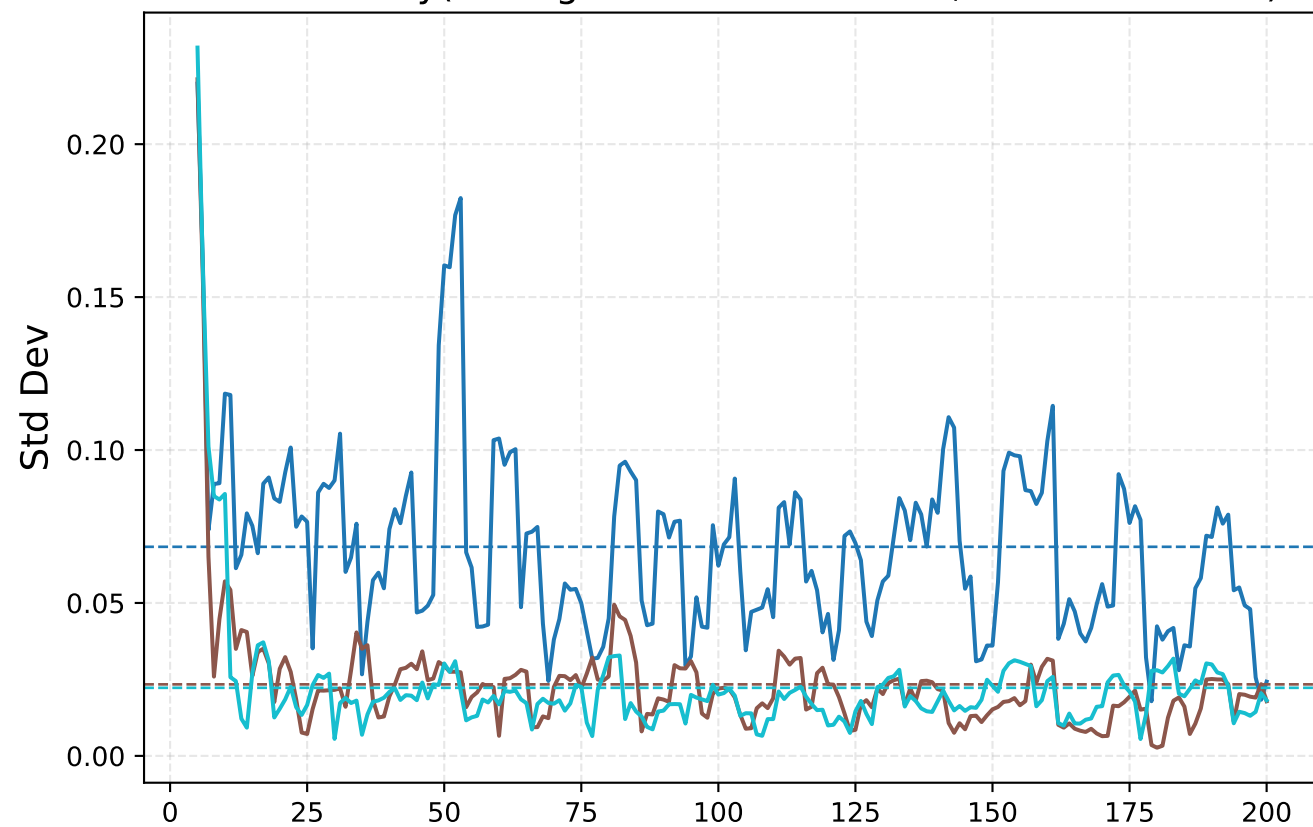
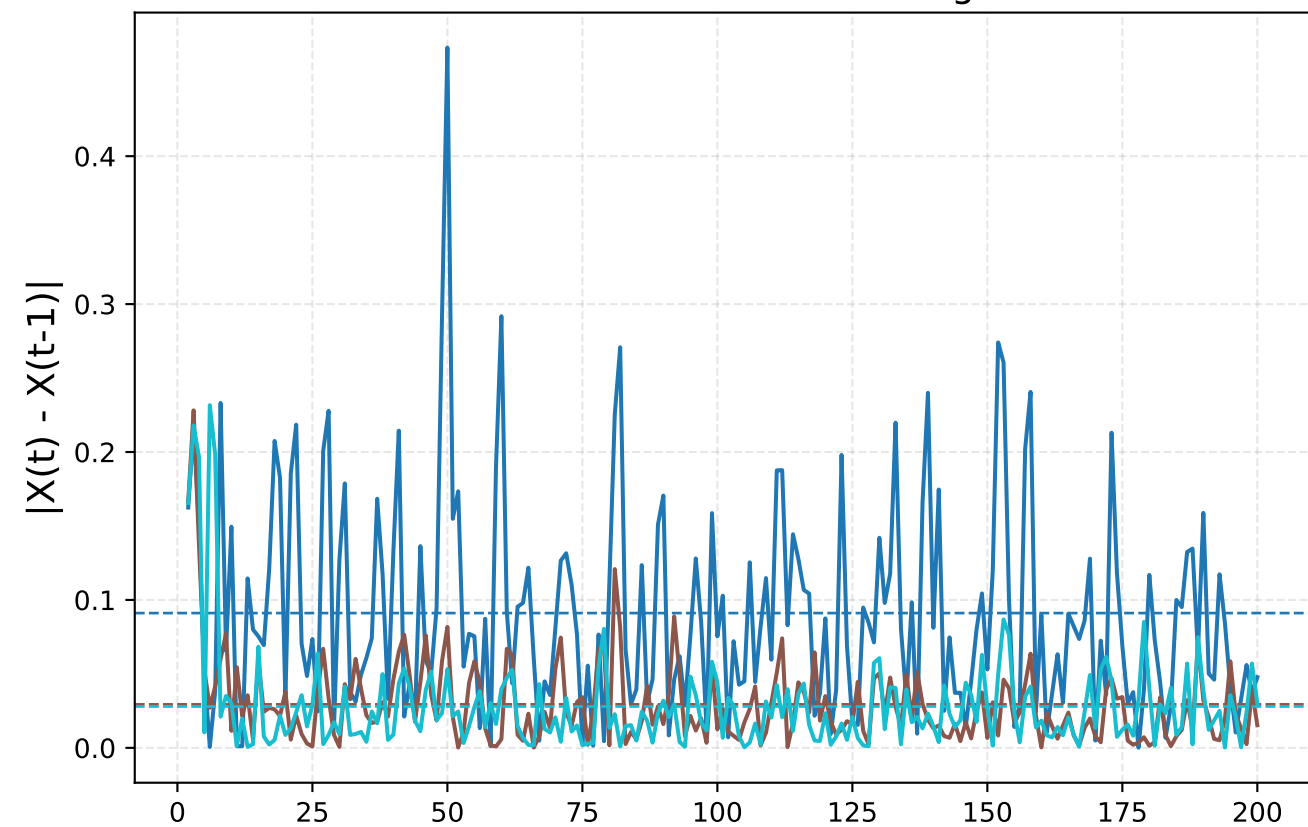


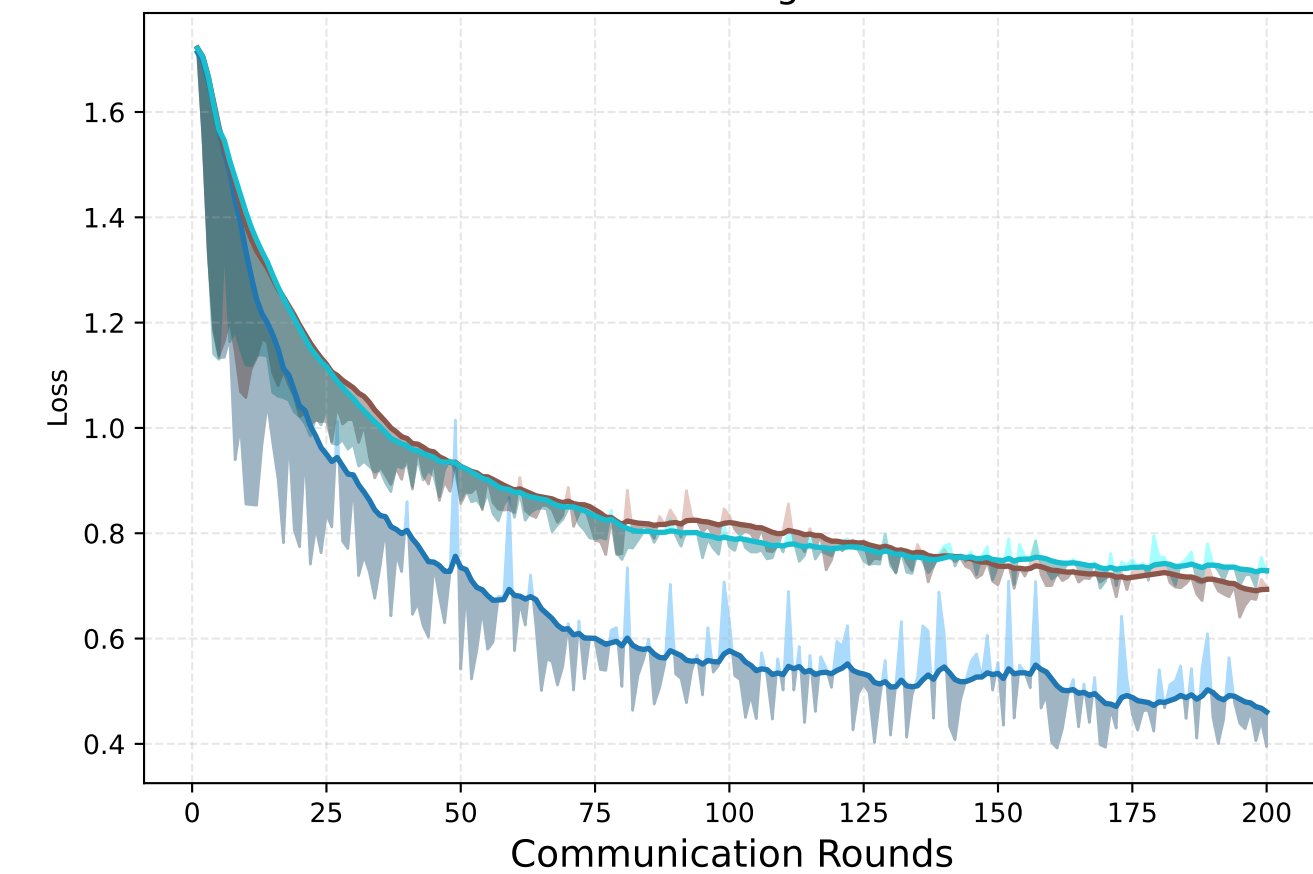
Loss Volatility(Rolling Standard Deviation, Window Size=5)



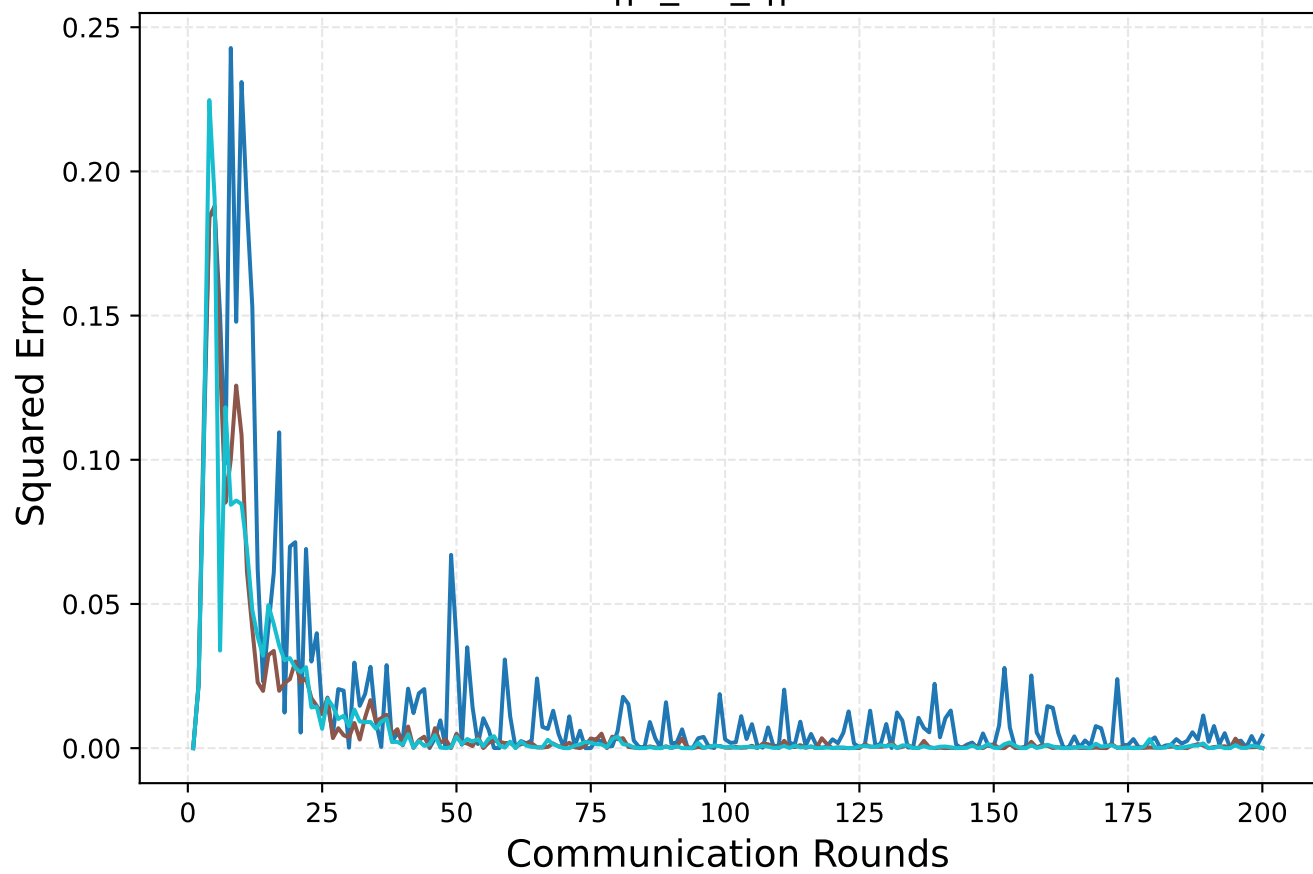
Round-to-Round Loss Change



Smoothed Convergence Trends



$||S_t - X_t||^2$



FedMR CV=0.326 FedKDMR CV=0.181 FedCodi CV=0.176