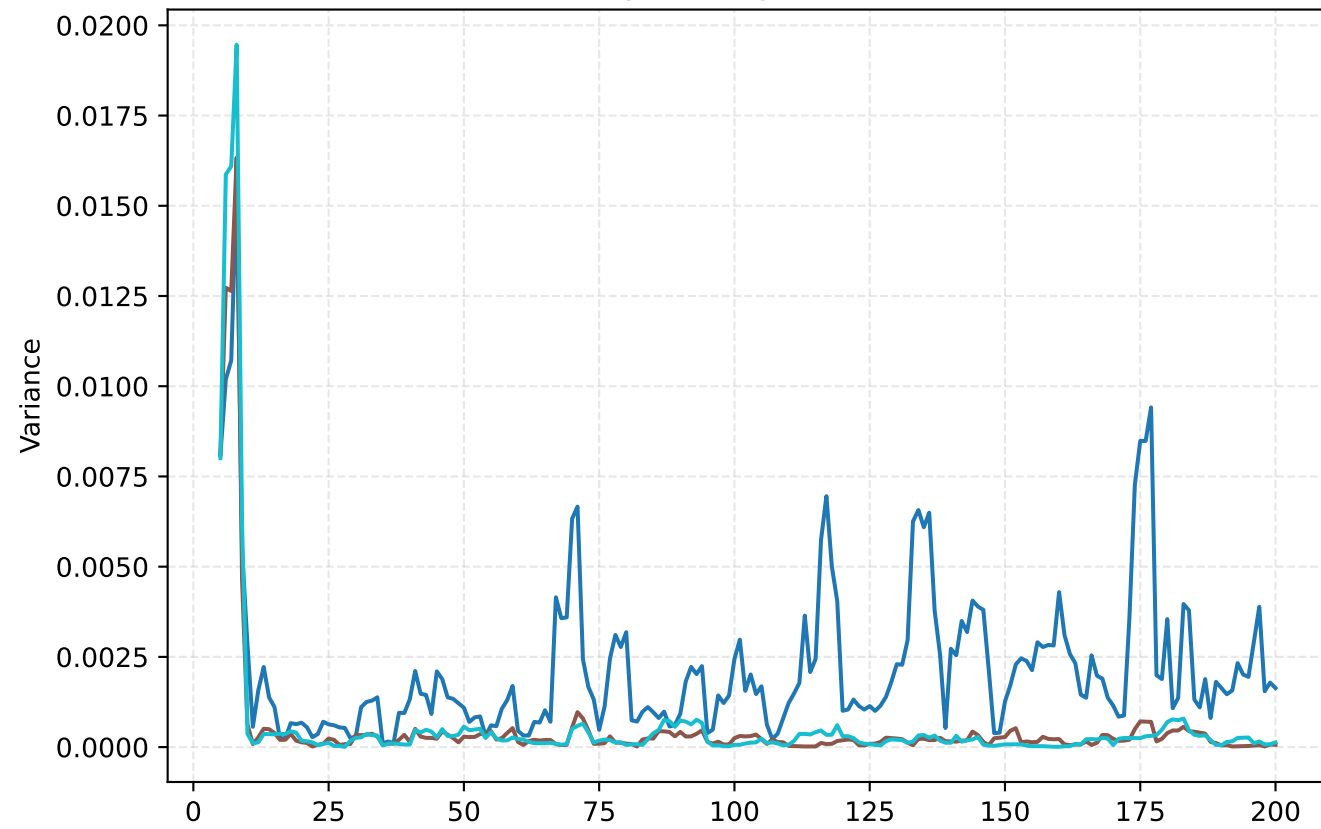
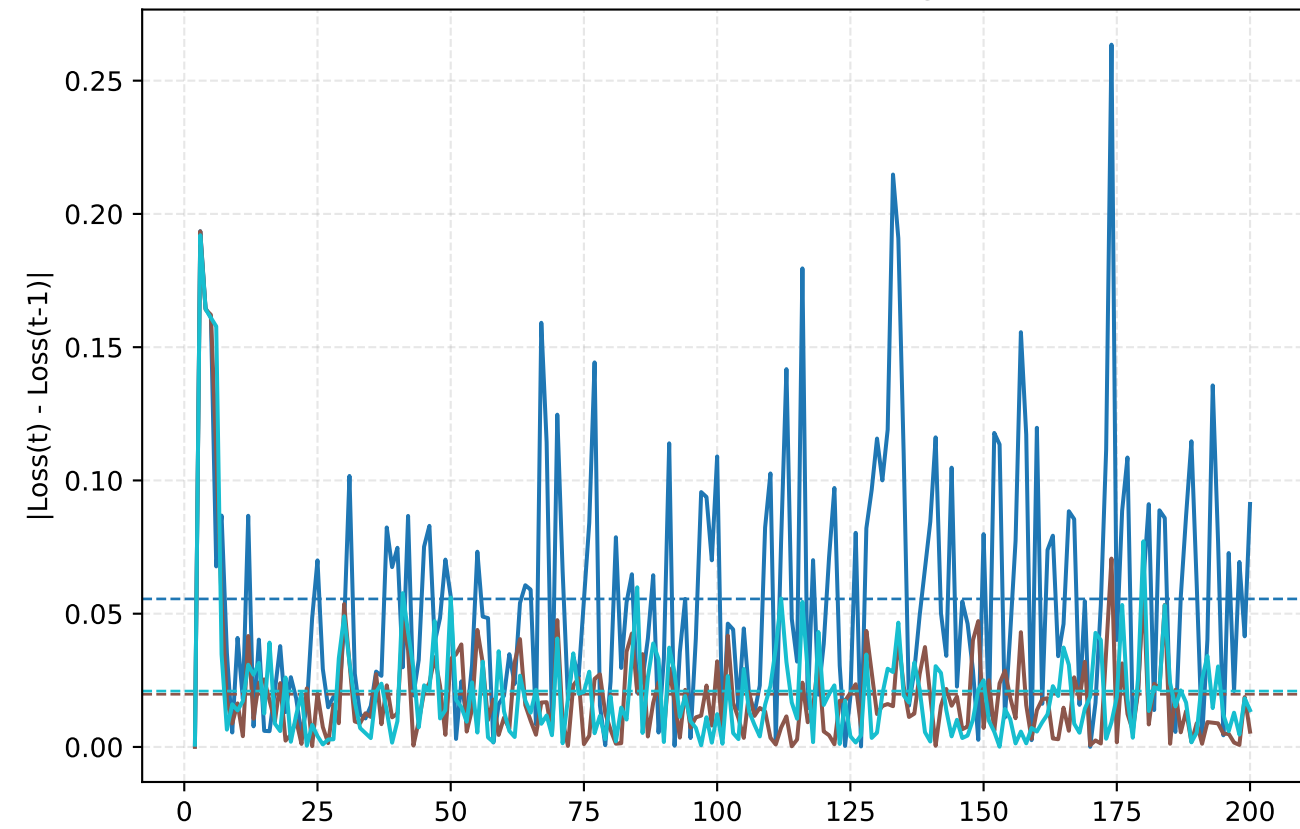


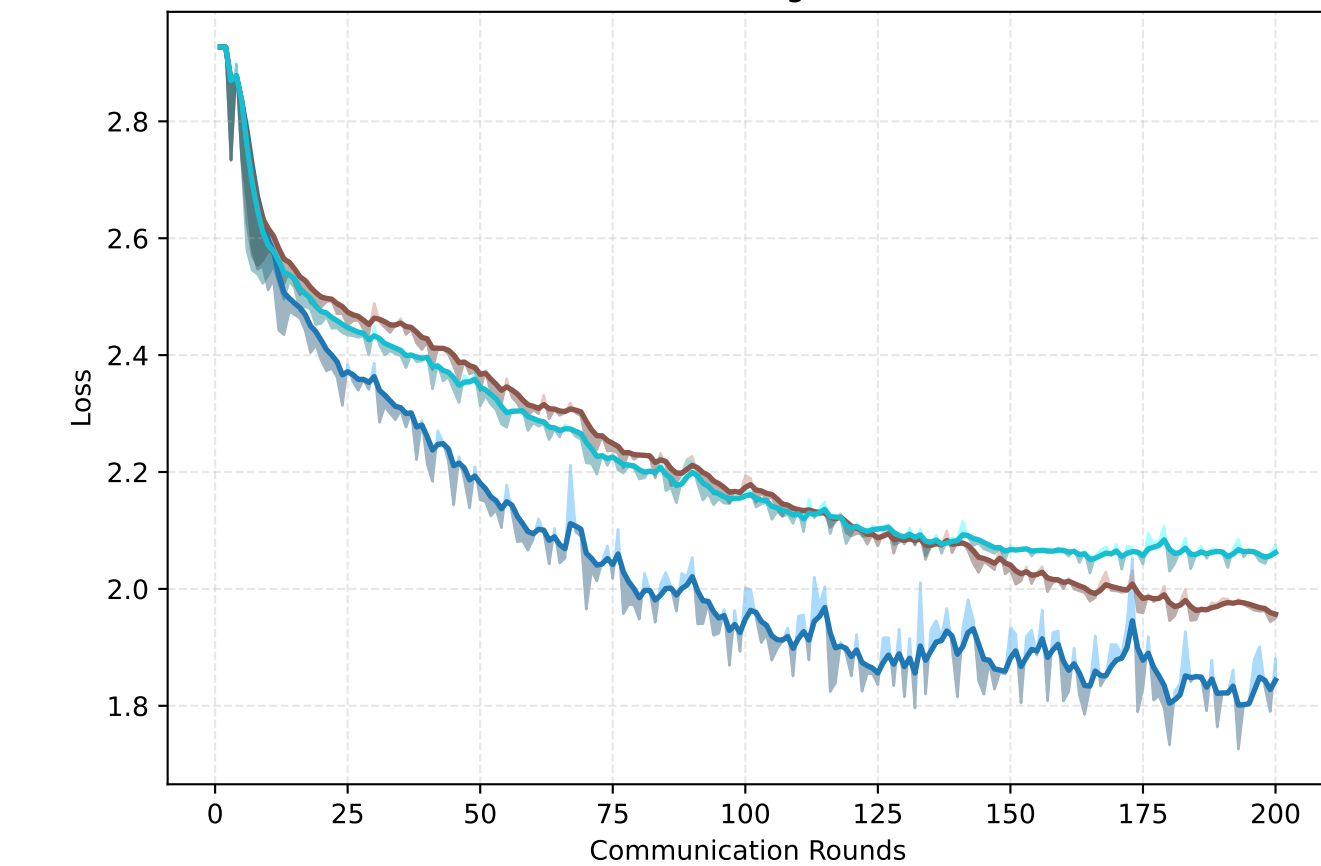
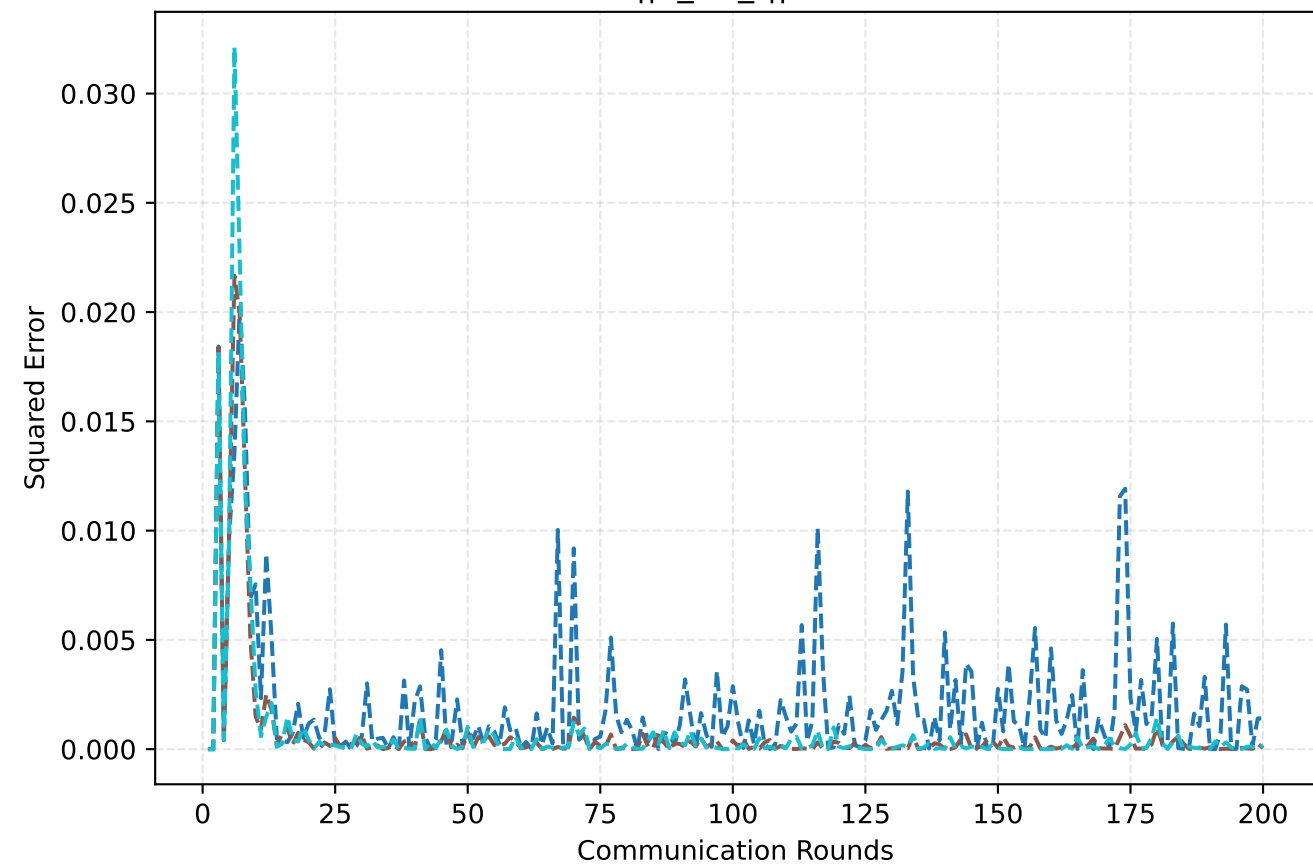
Loss Volatility (Rolling Window Variance)



Round-to-Round Loss Change



Smoothed Convergence Trends

 $\|S_t - X_t\|^2$ 

FedMR
CV=0.118

FedKDMR
CV=0.094

FedCodi
CV=0.081