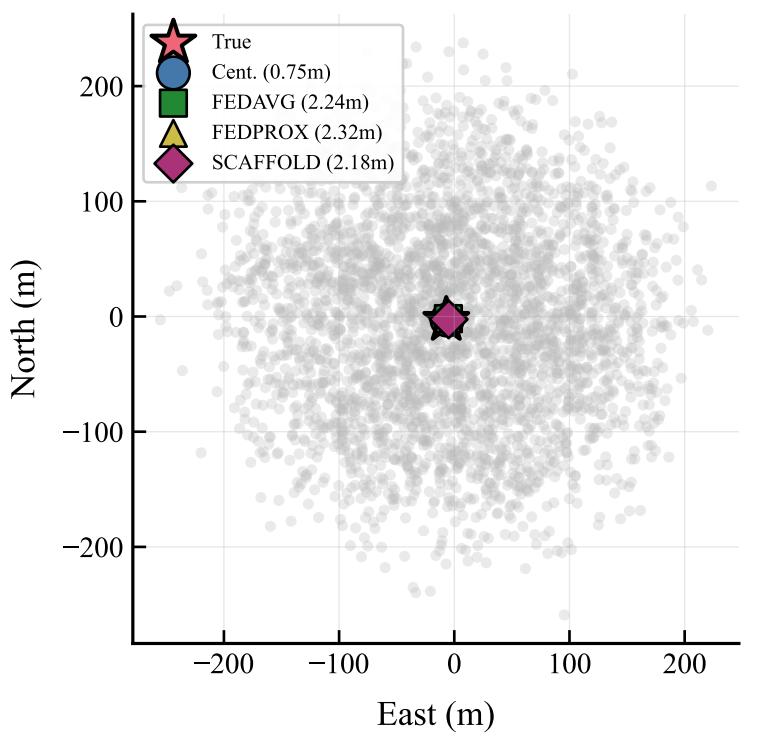


Stage 2: Localization Summary — Urban

(a) Localization Results



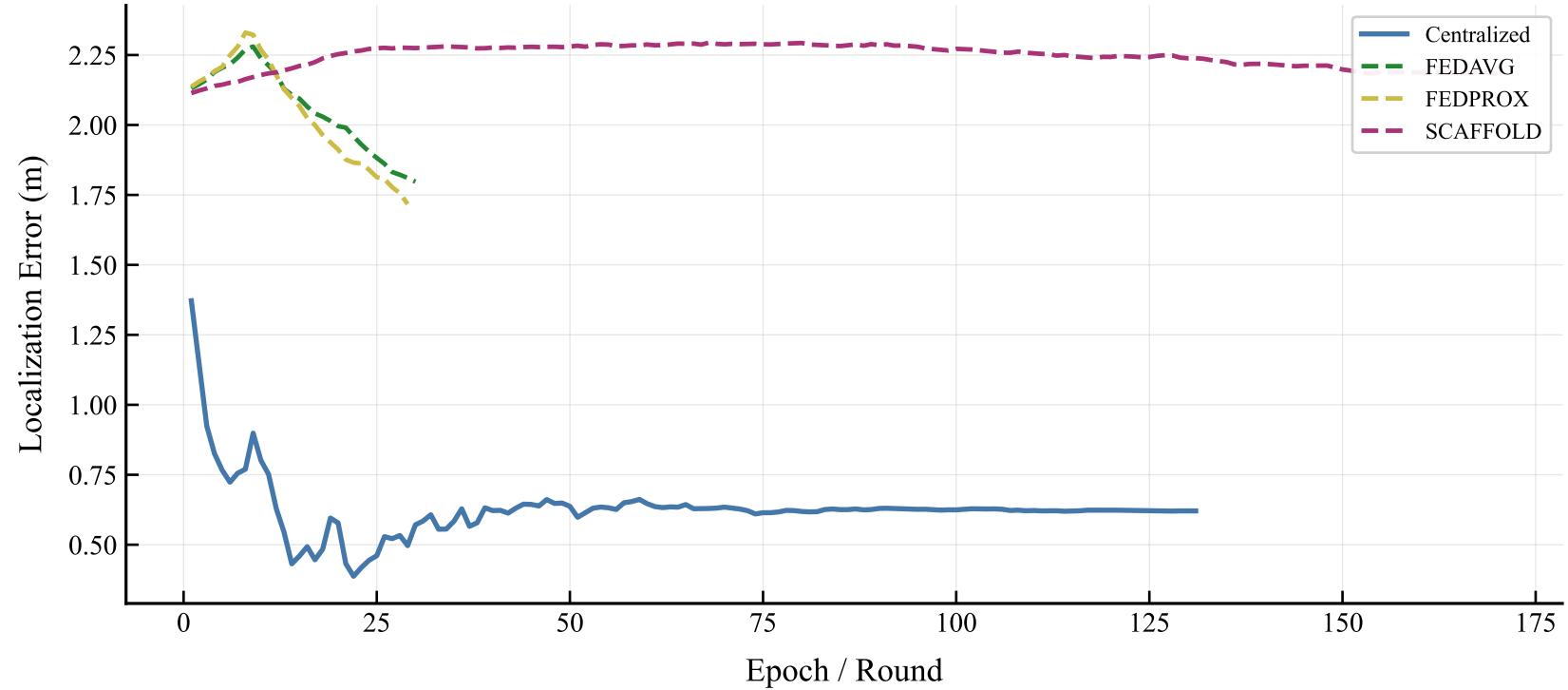
STAGE 2 METRICS
=====

Centralized:
Error: 0.75 m

Federated:
FEDAVG: 2.24 m
FEDPROX: 2.32 m
SCAFFOLD: 2.18 m

Dataset: 3,232 samples
Environment: Urban

(b) Convergence Comparison



(c) Final Errors

