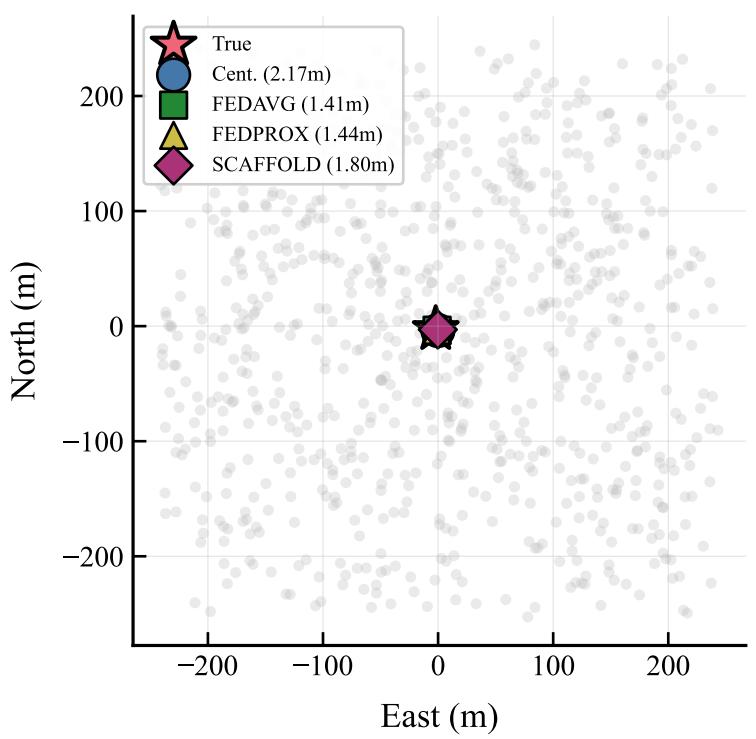


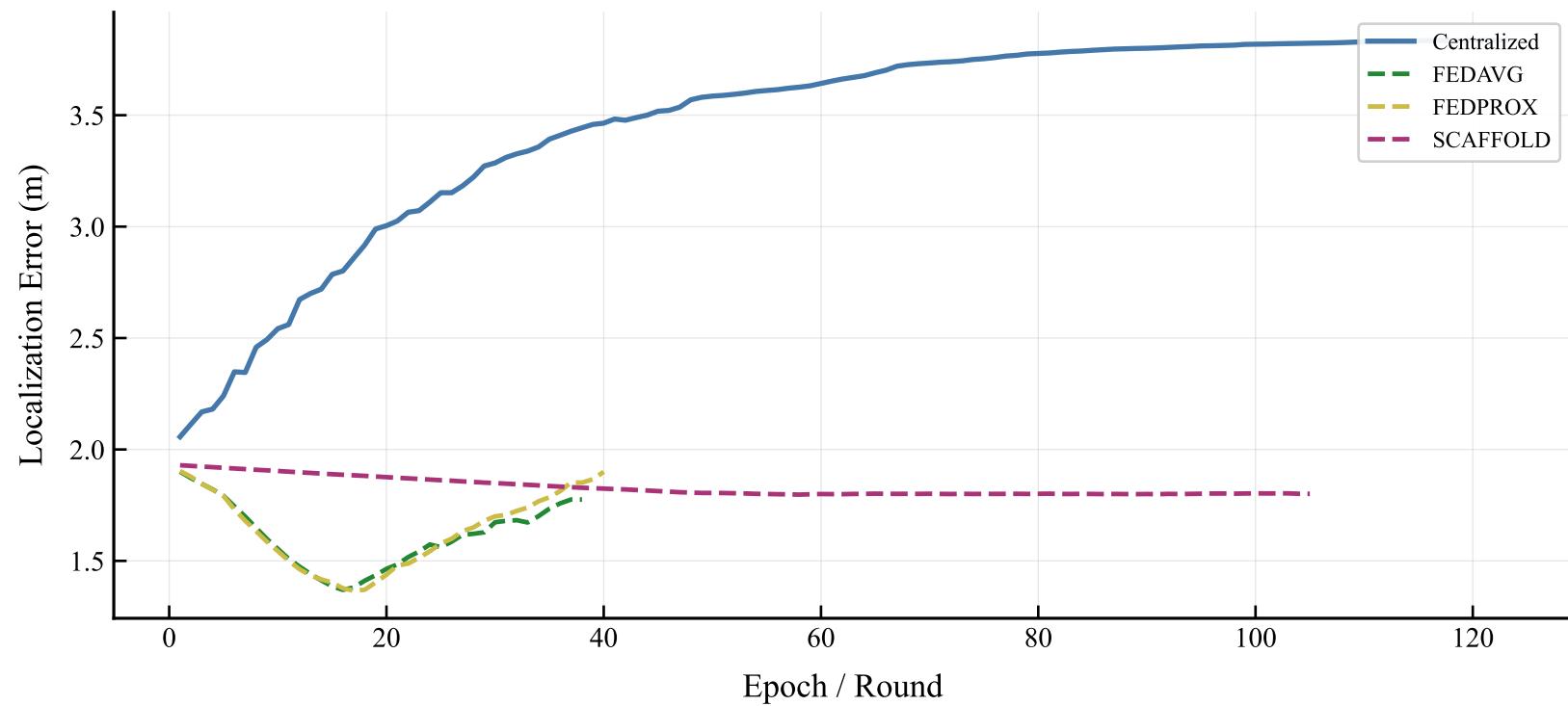
## Stage 2: Localization Summary — Suburban

**(a) Localization Results**



STAGE 2 METRICS	
Centralized:	Error: 2.17 m
Federated:	FEDAVG: 1.41 m FEDPROX: 1.44 m SCAFFOLD: 1.80 m
Dataset:	810 samples
Environment:	Suburban

**(b) Convergence Comparison**



**(c) Final Errors**

