Communication Cost Comparison Algorithms 4D-FED-GNN+ Actual 4D-FED-GNN+ Theoretical 35000 -FedLink Actual FedLink Theoretical STFL Actual STFL Theoretical 30000 -StaticGNN Actual StaticGNN Theoretical Communication Cost (MB) 25000 -20000 -15000 -10000 -5000

Dataset (Countries)