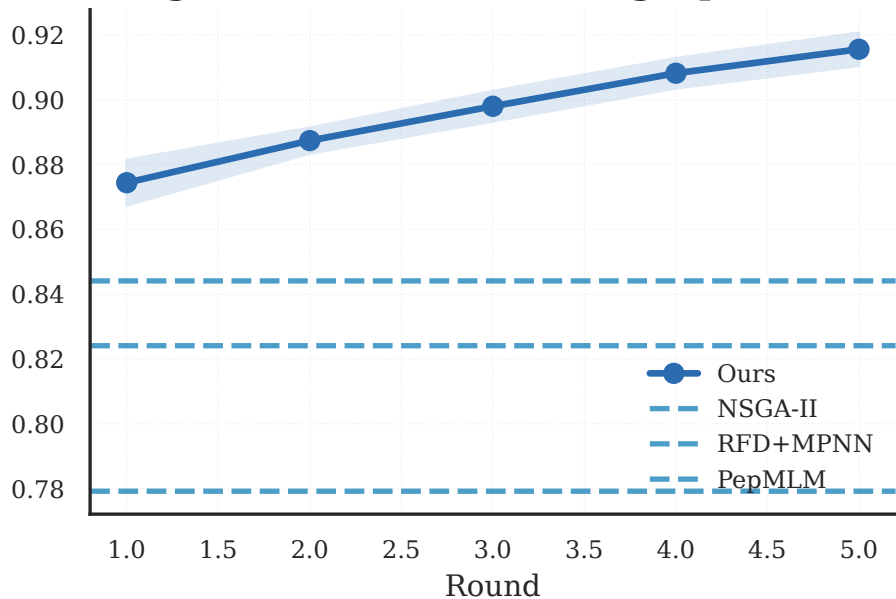Multi-round Optimization Dynamics (Scenario B) (Assumed)