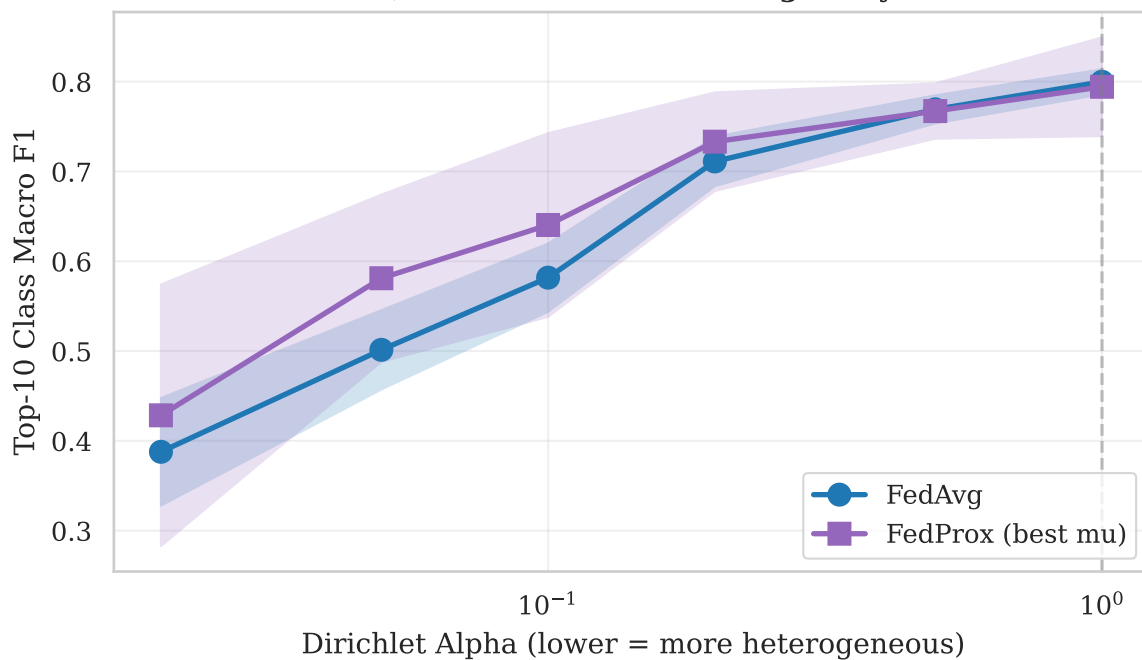


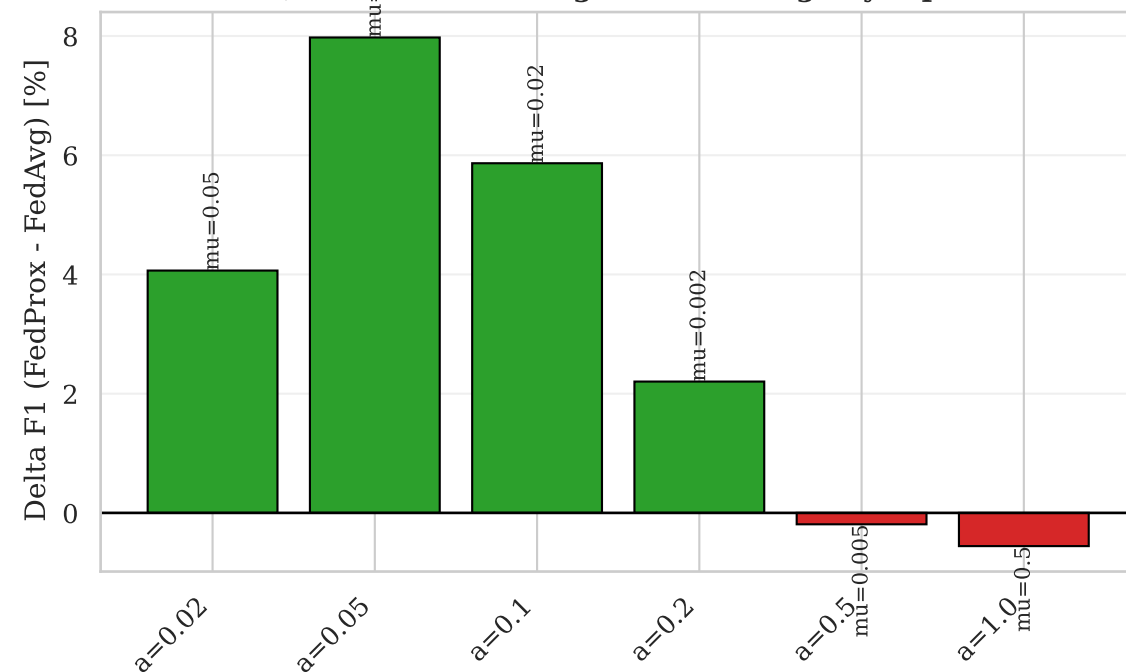
# FedProx vs FedAvg: When Does Proximal Regularization Help?

## (Edge-IIoTset-Full, Top-10 Classes Macro F1)

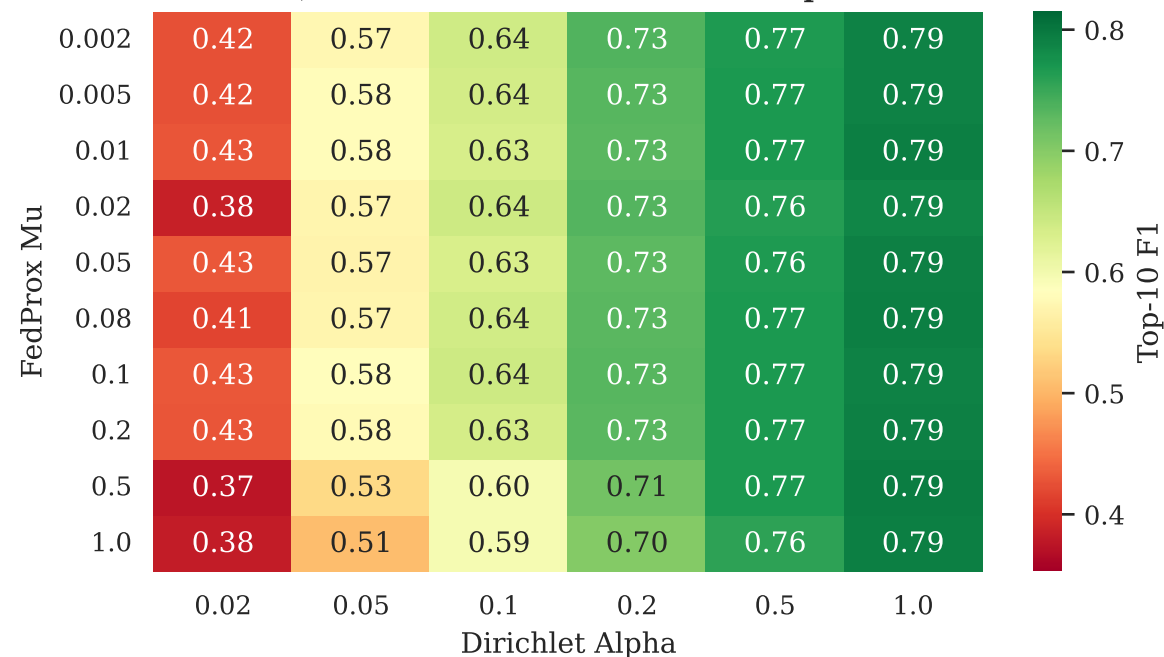
A) Performance vs Heterogeneity



B) FedProx Advantage/Disadvantage by Alpha



C) FedProx Performance: Mu x Alpha



D) FedProx - FedAvg Delta [%] (Green=FedProx wins)



E) Detailed Comparison at alpha=0.1 (High Non-IID)

