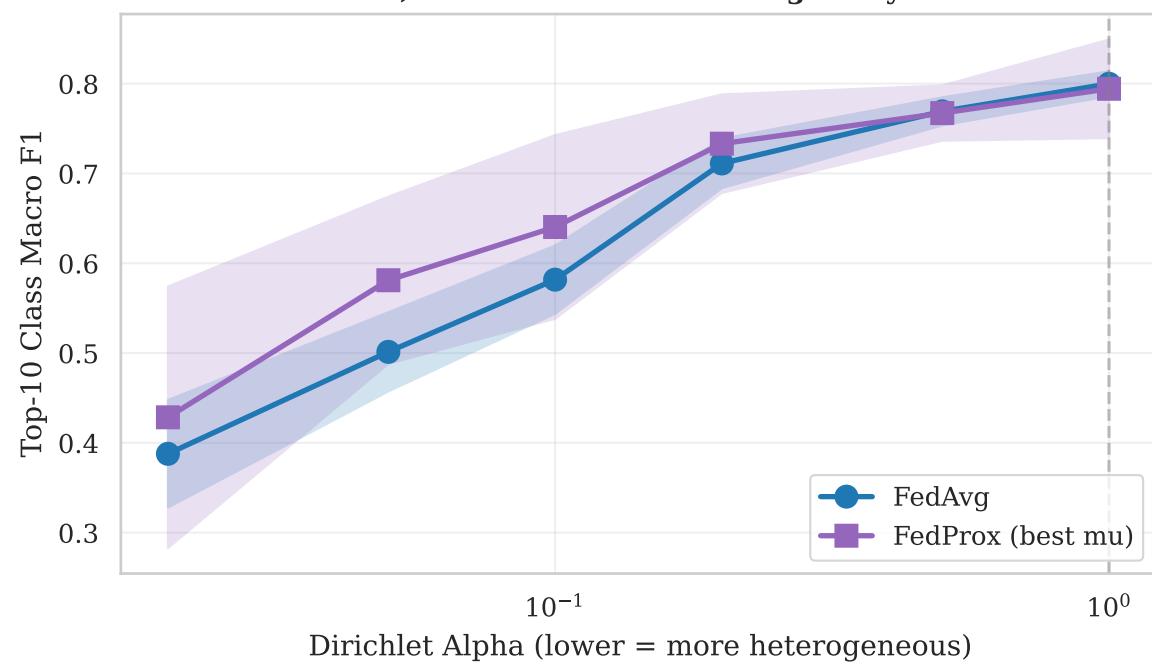
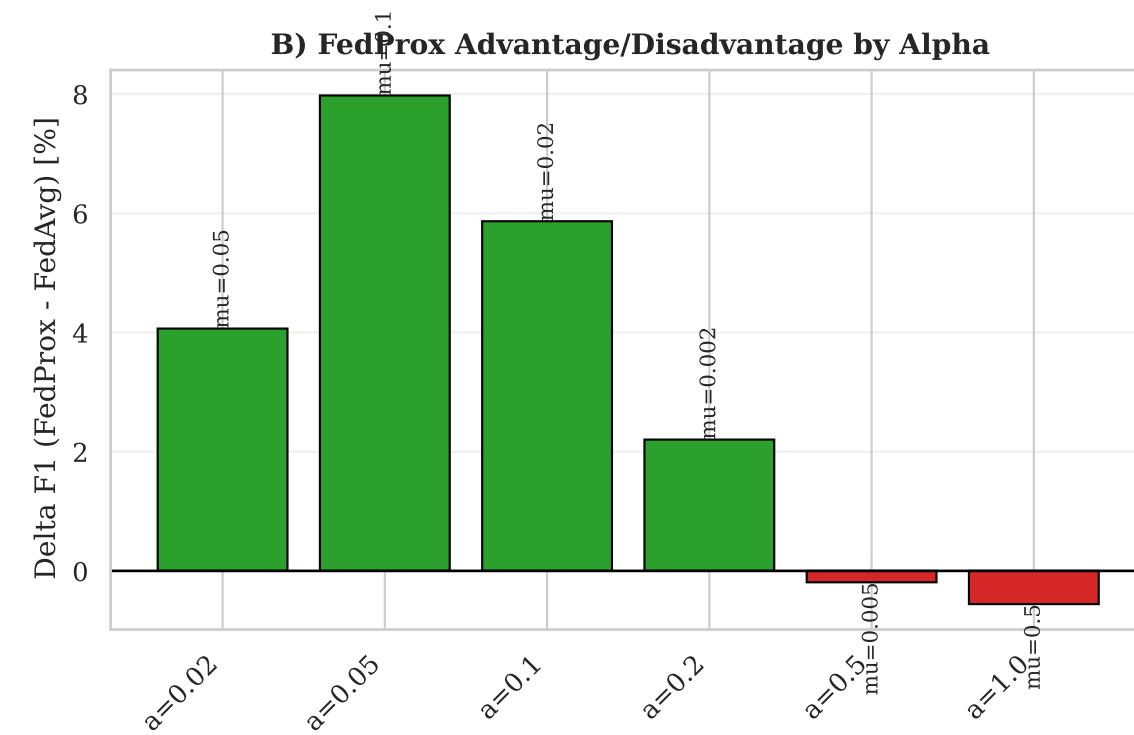


# FedProx vs FedAvg: When Does Proximal Regularization Help? (Edge-IIoTset-Full, Top-10 Classes Macro F1)

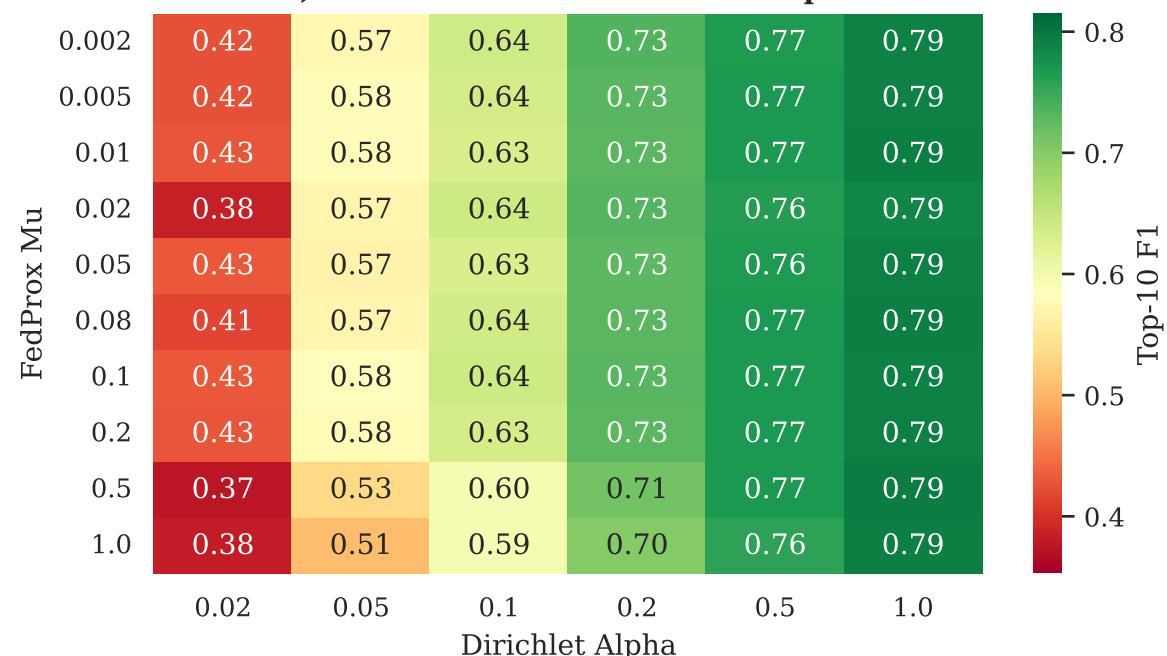
**A) Performance vs Heterogeneity**



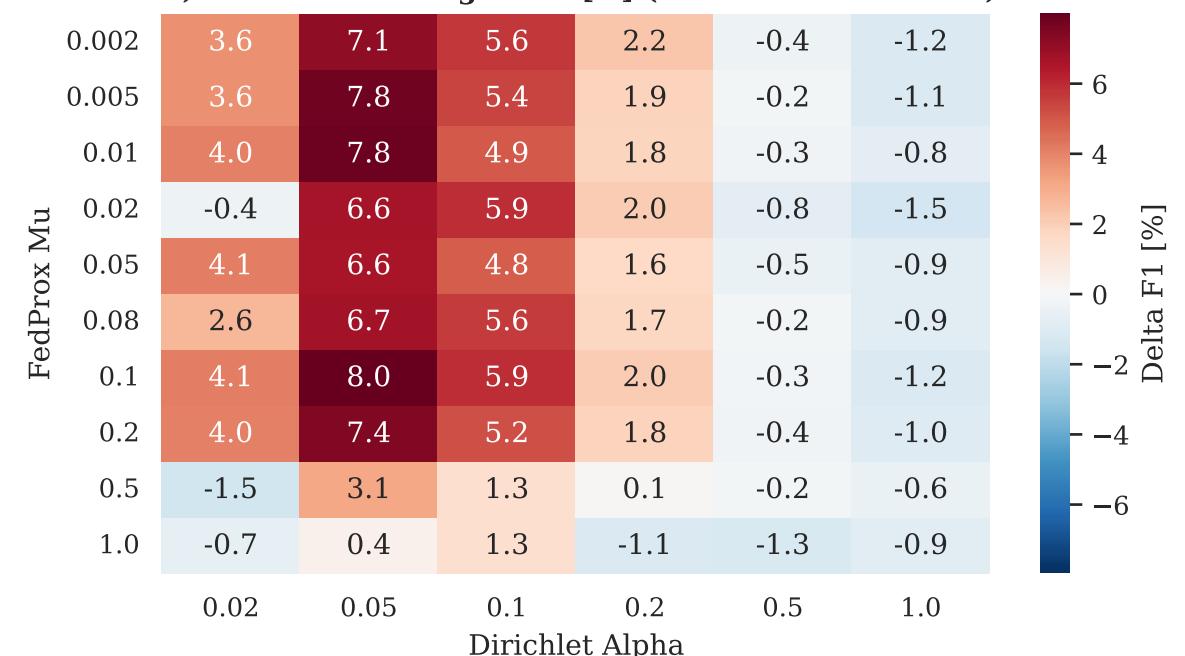
**B) FedProx Advantage/Disadvantage by Alpha**



**C) FedProx Performance: Mu x Alpha**



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



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

