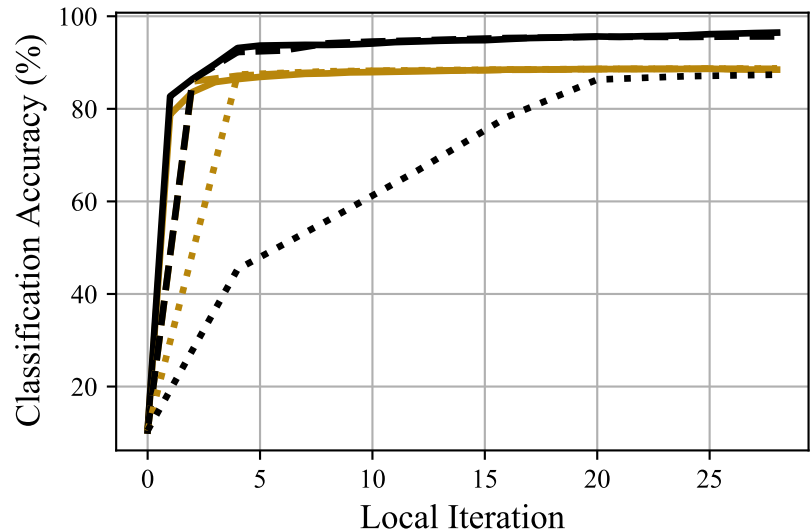


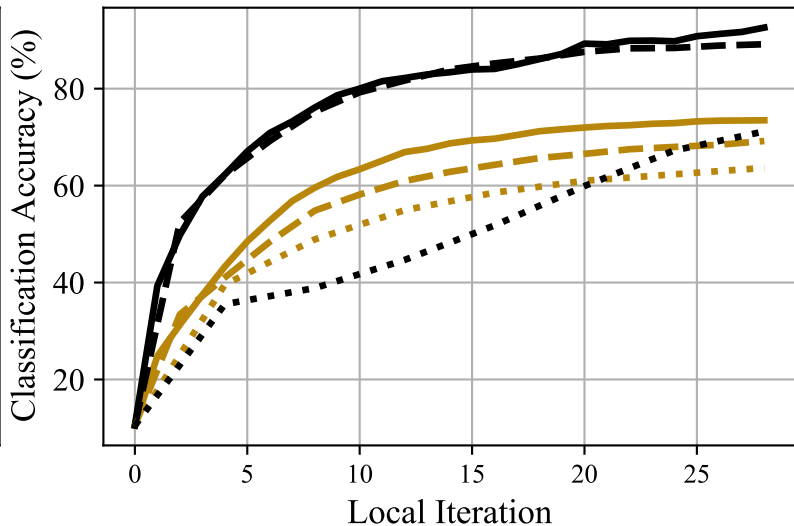
— HN-PFL $\tau_s^G = 1$
— H-FL $\tau_s^G = 1$

— HN-PFL $\tau_s^G = 2$
— H-FL $\tau_s^G = 2$

... HN-PFL $\tau_s^G = 4$
... H-FL $\tau_s^G = 4$



a) MNIST Personalized Accuracy



b) MNIST Classification Accuracy