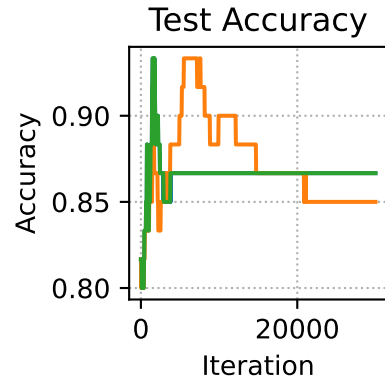
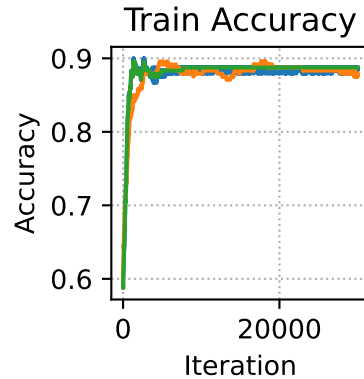
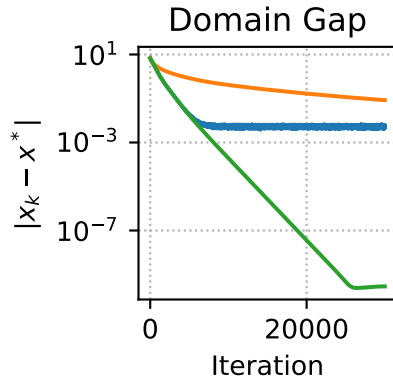
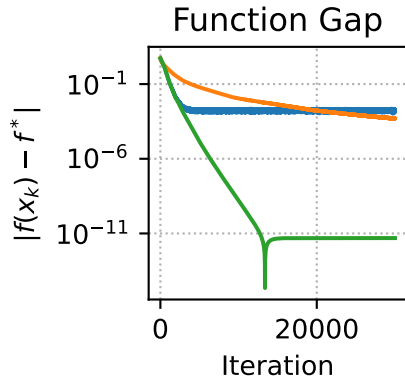


Binary Logistic Regression with ℓ_1 Regularization.
 $m=300$, $n=50$, $\lambda=0.1$. Optimal sparsity: $8.6e-01$



Subgrad Ir $1.0e-02$. Sparsity $0.0e+00$

Subgrad Ir α/\sqrt{k} ($\alpha=1.0e-01$). Sparsity $1.2e-01$

Proximal Ir $1.0e-02$. Sparsity $8.6e-01$