Subsampling Newton with  $\theta=0.5$ , c=0.0001,  $\mathcal{S}_k=\mathcal{S}_k^H=128$  $\bar{\alpha} = 0.1$  $\bar{\alpha} = 0.01$  $\bar{\alpha} = 0.05$  $\bar{\alpha}=0.5$  $\bar{\alpha}=1$ 0.675 $\alpha = \bar{\alpha} > 0$ 0.650 (3) 0.625 0.6000.5750 25 50 75 100 125 150 175 200

