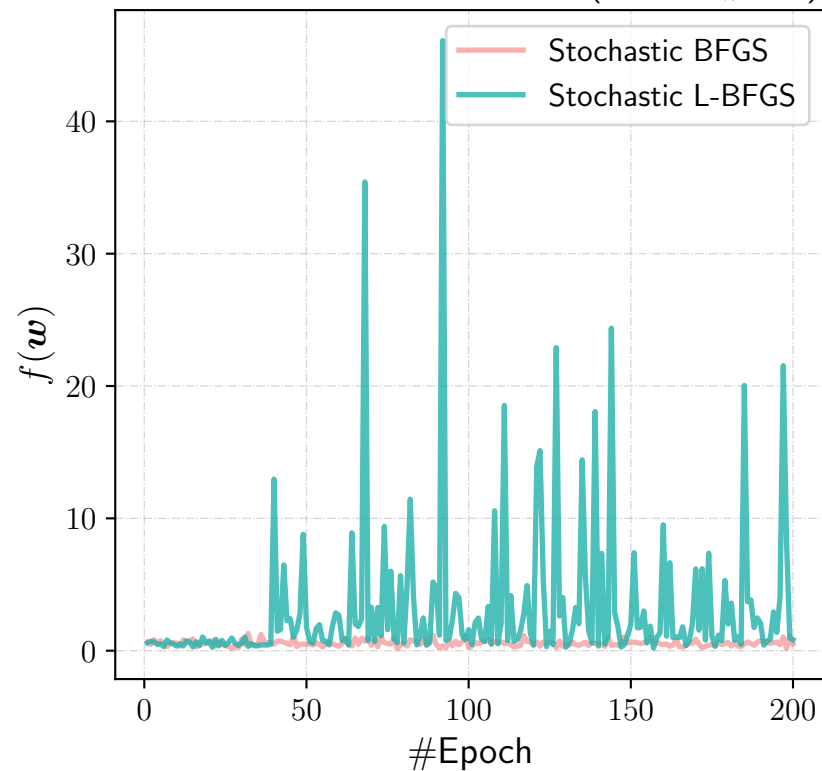
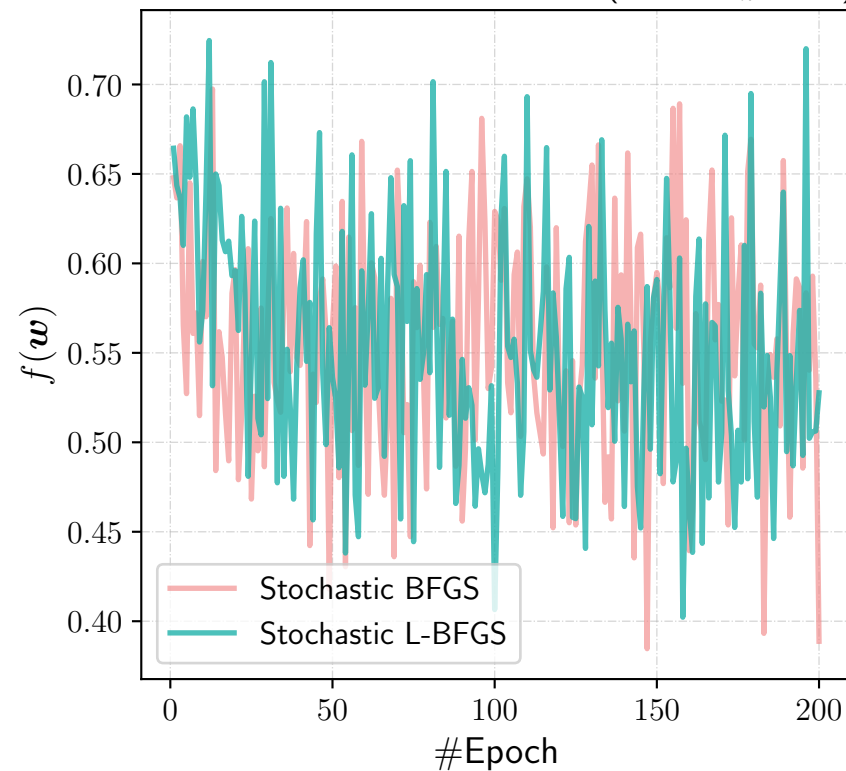
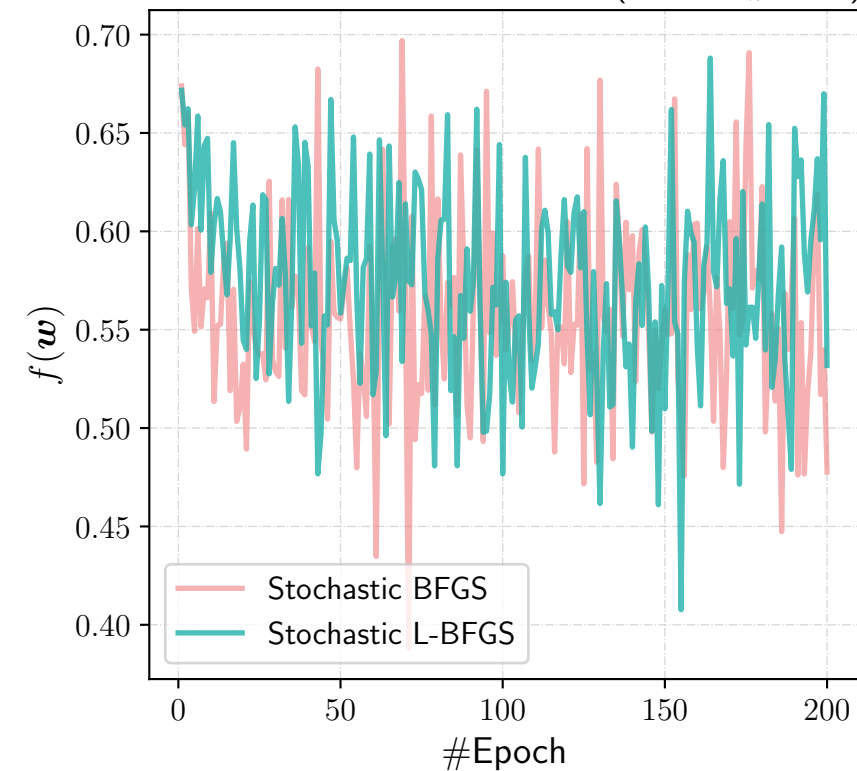
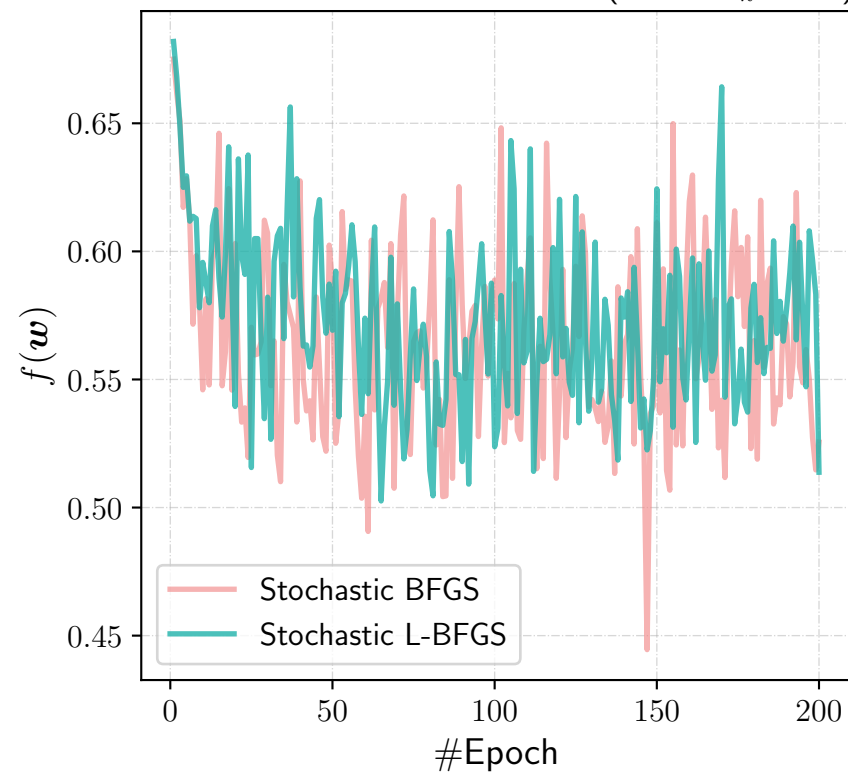
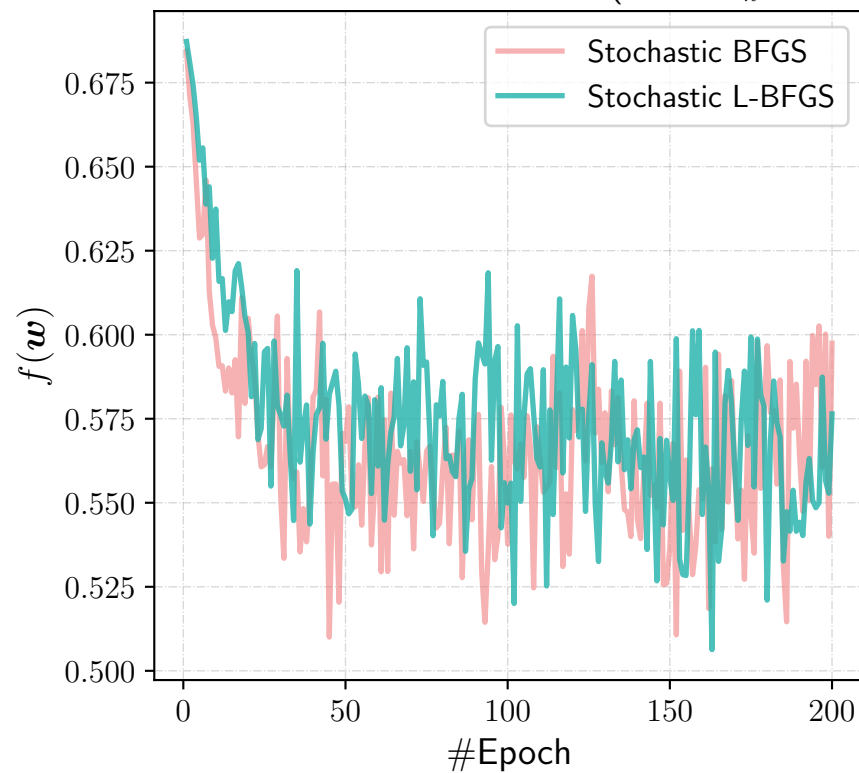


Stochastic BFGS and L-BFGS ($m=5$, $\mathcal{S}_k = 1$)Stochastic BFGS and L-BFGS ($m=5$, $\mathcal{S}_k = 16$)Stochastic BFGS and L-BFGS ($m=5$, $\mathcal{S}_k = 32$)Stochastic BFGS and L-BFGS ($m=5$, $\mathcal{S}_k = 64$)Stochastic BFGS and L-BFGS ($m=5$, $\mathcal{S}_k = 128$)Stochastic BFGS and L-BFGS ($m=5$, $\mathcal{S}_k = 256$)