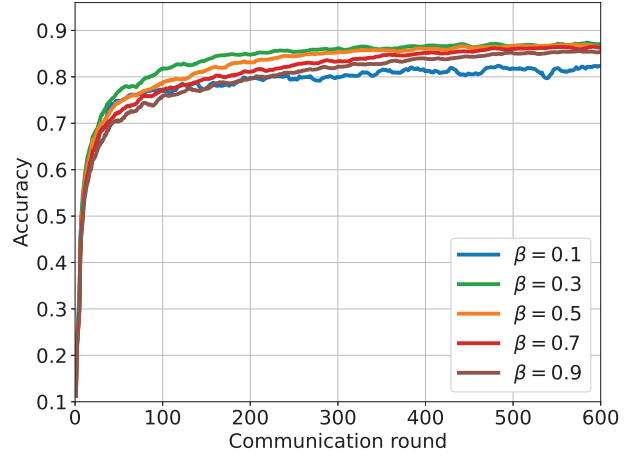
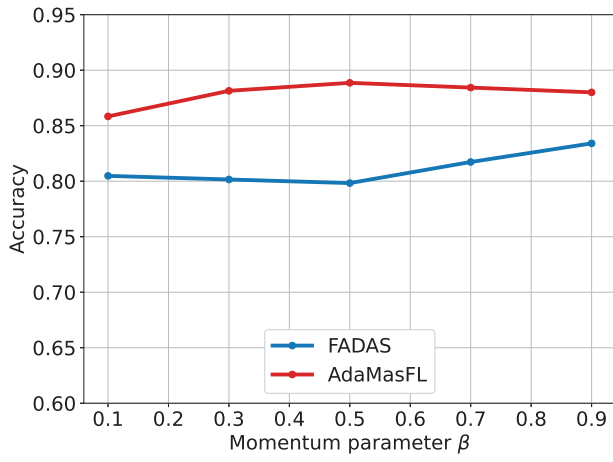


(a) Non-i.i.d. CIFAR-10 dataset

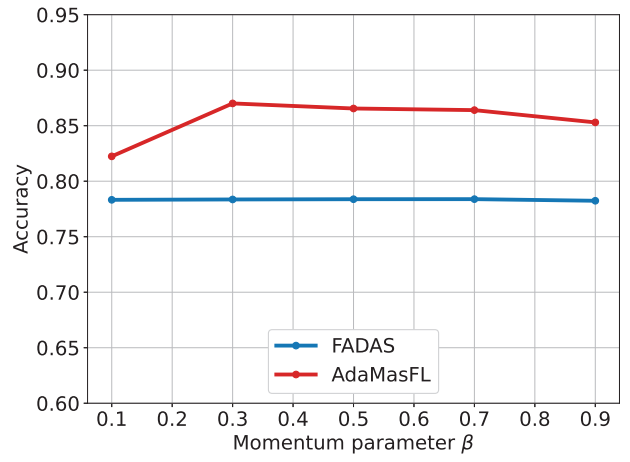


(b) Non-i.i.d. FMNIST dataset

Figure 9: Test accuracy versus communication round under different momentum parameter  $\beta$ .



(a) Non-i.i.d. CIFAR-10 dataset



(b) Non-i.i.d. FMNIST dataset

Figure 10: Test accuracy compared with baselines using momentum under different momentum parameter  $\beta$ .