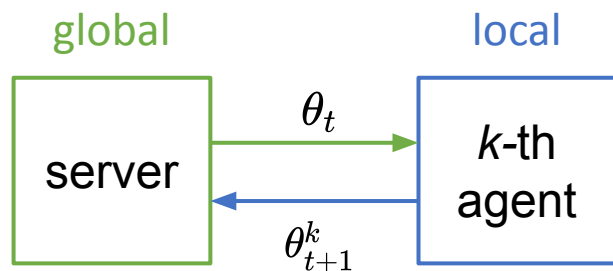


simple averaging

$$\theta_{t+1} \leftarrow \frac{1}{m} \sum_k \theta_{t+1}^k$$

no regularization

[ FedAvg ]



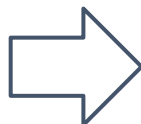
simple averaging

$$\theta_{t+1} \leftarrow \frac{1}{m} \sum_k \theta_{t+1}^k$$

L2 regularization

$$\mathcal{L}_{reg} = (\theta_t - \theta_{t+1}^k)^2$$

[ FedProx ]



Communicate the **parameter importance**  
based on Fisher information matrix

