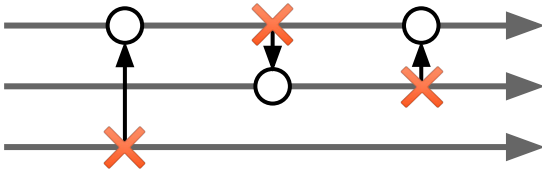
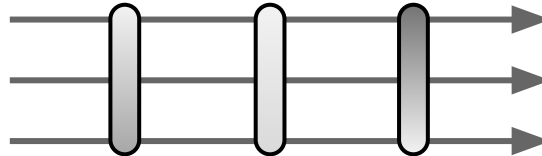


**(a) Synchronous SGD**  
workers synchronize gradients each step



**(b) Population Based Training**  
exploit / explore every  $k$  worker steps



**(c) FedPBT: softmax consensus / explore**  
every  $k$  worker steps