## All Aggregation Methods (Concurrent, Weights) All Aggregation Methods (Concurrent, Delta) Clients Data $\wedge \wedge \wedge \wedge \wedge$ 95.00% Clients 90.00% Accuracy 6 85.00% 80.00% Global Data Global Data 95.00% 90.00% 90.00% 85.00% 80.00% 80.00% 70.00% 75.00% 70.00% 60.00% 20 80 100 80 100 20 60 Federated Round Federated Round --- Ref: clients=94.20% con\_capped\_cgw con\_scaled\_cw con\_delta\_capped\_cgd --- Ref: global=99.57% con\_delta\_weighted\_cgd con\_weighted\_cgw --- Ref: global=99.57% con\_capped\_cw con\_delta\_scaled\_cgd --- Ref: clients=94.20% con\_scaled\_cgw con\_weighted\_cw All Aggregation Methods (Sequential, Weights) All Aggregation Methods (Sequential, Delta) **齊** 95.00%· Clients De 90.00% Da Clients 90.00% 85.00% Accuracy 25.00% Accuracy 5.00% on Global Data Global Data 90.00% 90.00% 80.00% 80.00% 70.00% Accuracy 70.00% Accuracy 60.00% 60.00% 20 60 80 100 20 40 100 60 80 0 Federated Round Federated Round seq\_delta\_capped seq\_delta\_progressive\_update --- Ref: clients=94.20% --- Ref: clients=94.20% seq\_equal\_update seq\_fixed\_ratio\_update

--- Ref: global=99.57%

seq\_fedavg\_update

--- Ref: global=99.57%

seq\_incremental\_update

seq\_delta\_fedavg\_update

seq\_delta\_scaled