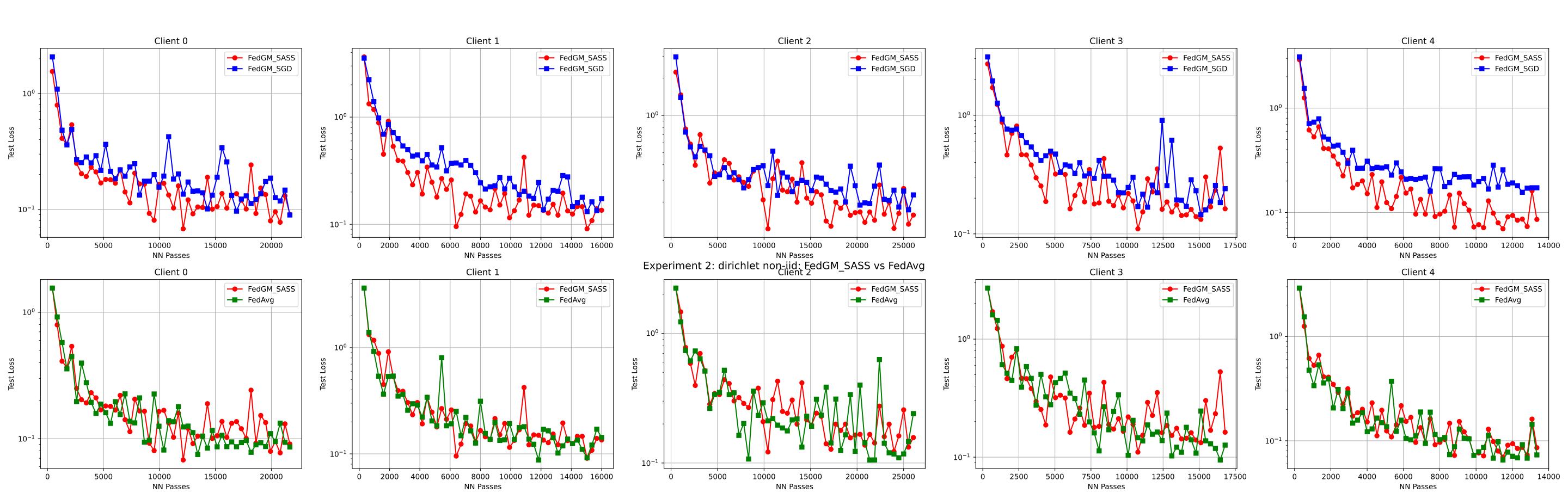
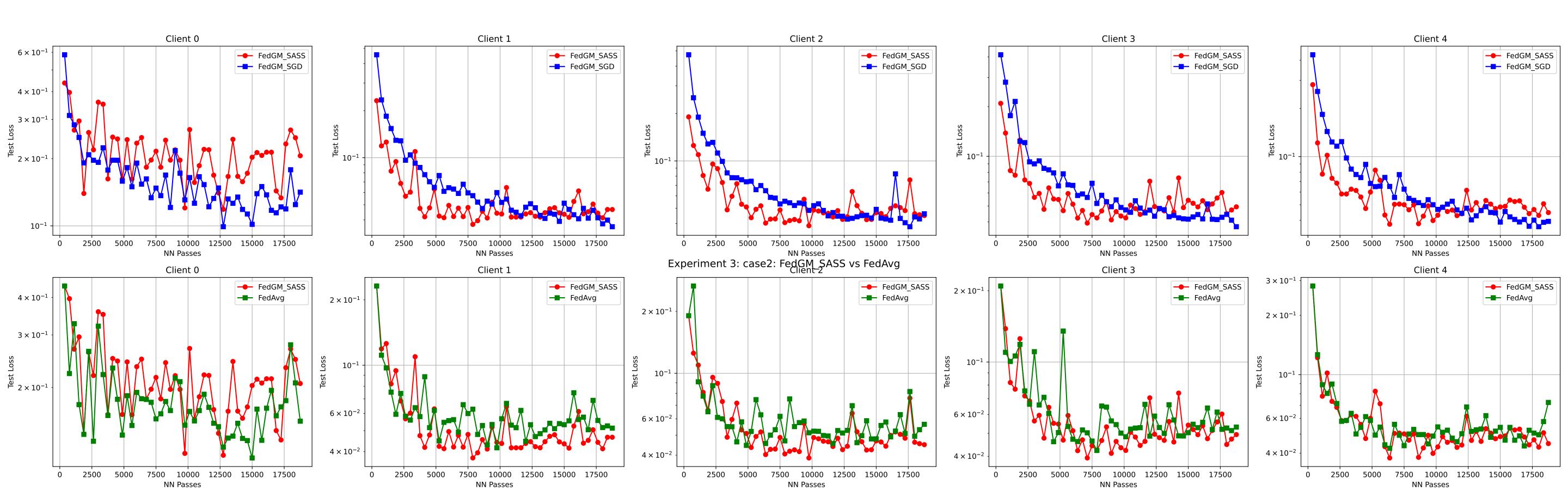


Experiment 1: case1 - Server Accuracy vs Global Round 100 FedGM SASS final acc: 99.08% FedGM SGD final acc: 98.81% FedAvg final acc : 99.12% 95 Server Accuracy (%) 90 85 80 FedGM\_SASS 75 FedGM\_SGD → FedAvg 10 20 30 40 50 Global Round



Experiment 2: dirichlet non-iid - Server Accuracy vs Global Round 100 FedGM SASS final acc: 98.71% FedGM SGD final acc: 98.18% FedAvg final acc : 98.85% 90 Server Accuracy (%) 80 70 60 FedGM\_SASS FedGM\_SGD 50 → FedAvg 20 10 30 40 50

Global Round



Experiment 3: case2 - Server Accuracy vs Global Round FedGM SASS final acc: 99.15% FedGM\_SGD final acc : 98.84% 98 FedAvg final acc : 98.97% Server Accuracy (%) FedGM\_SASS 90 FedGM\_SGD ► FedAvg 20 30 10 40 50 Global Round