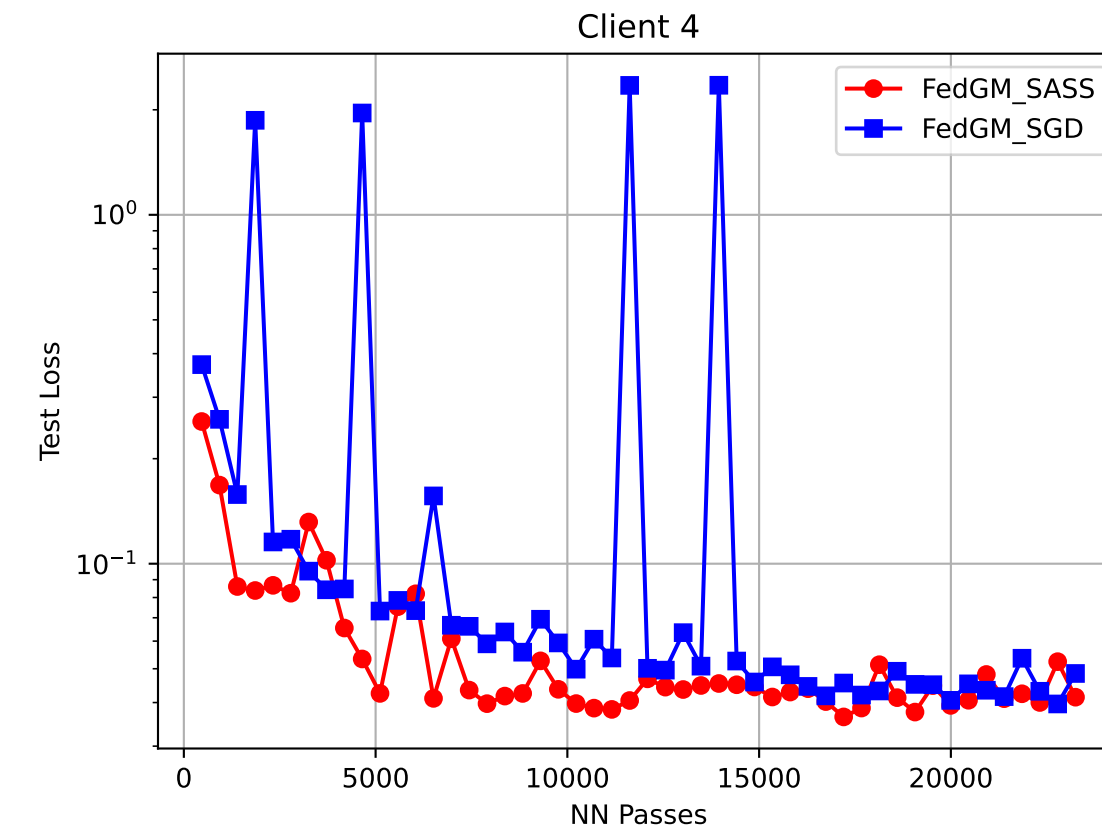
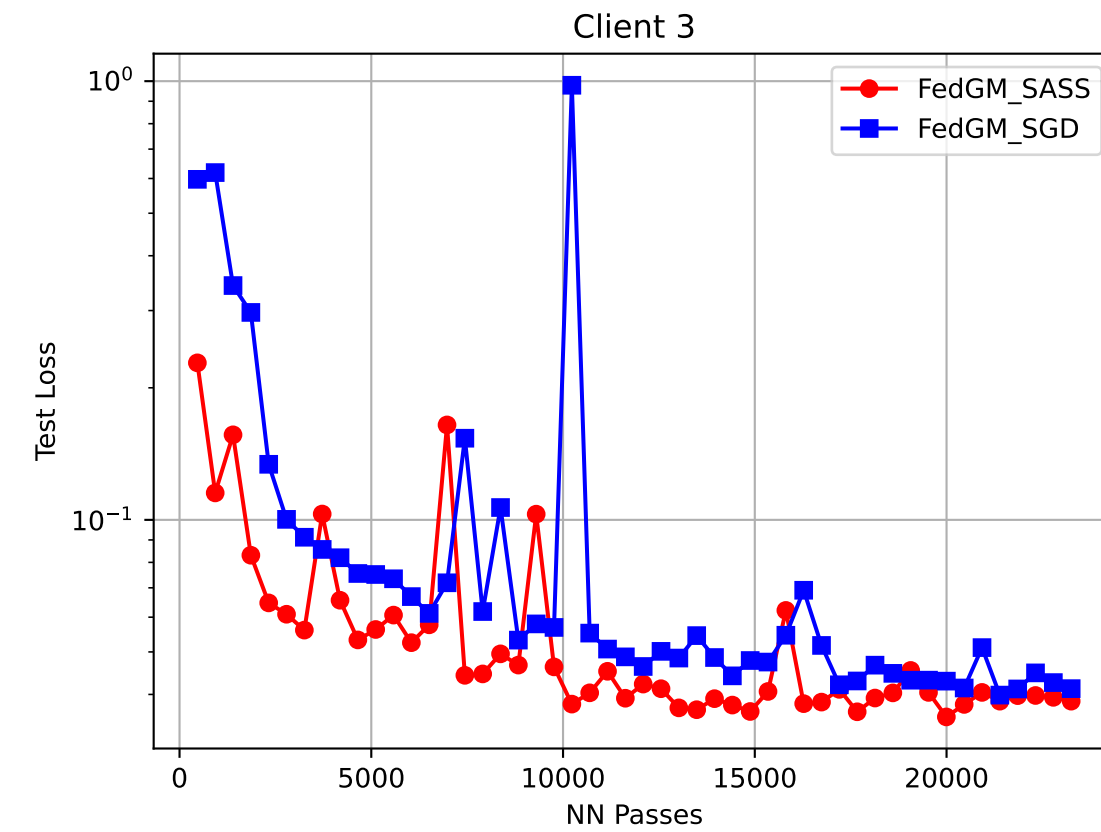
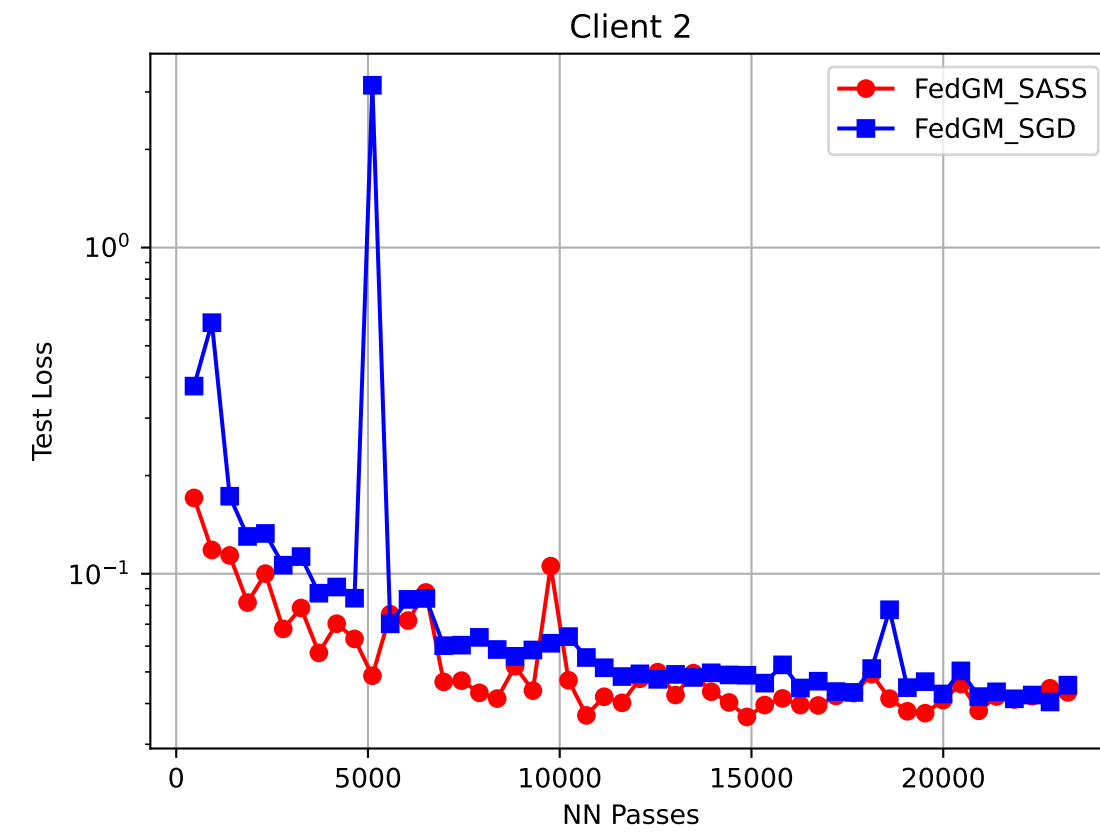
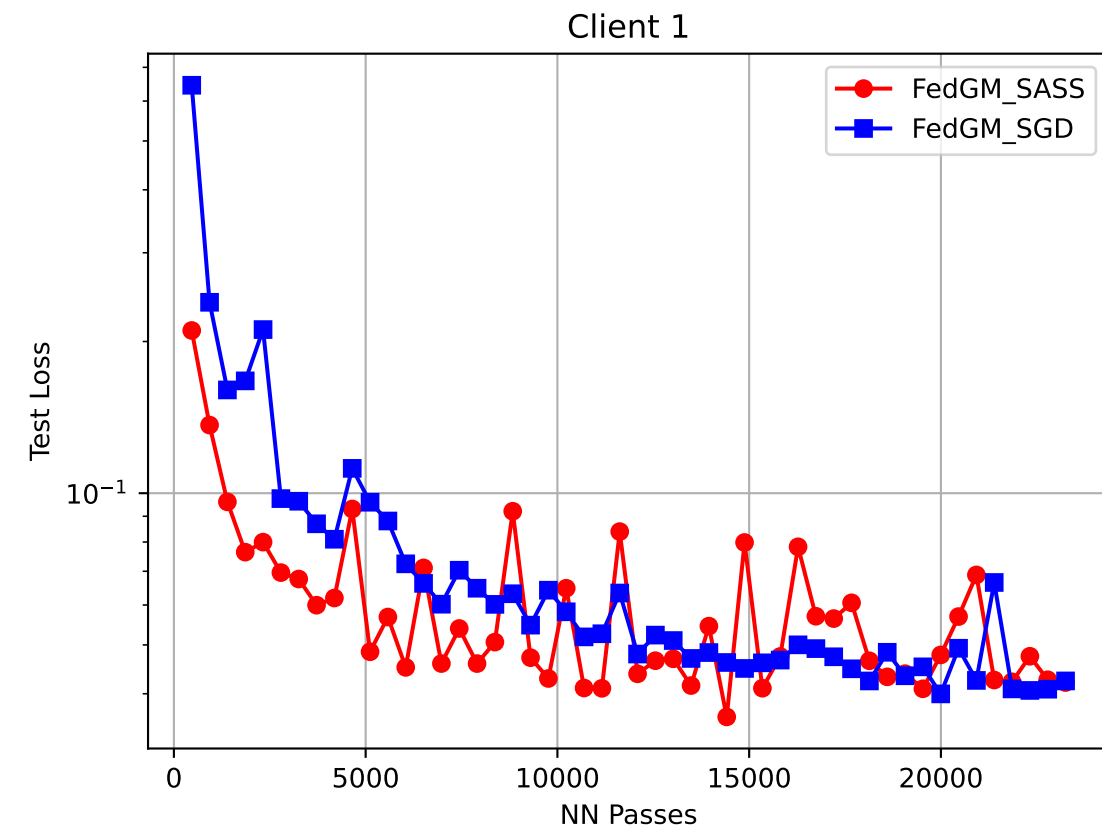
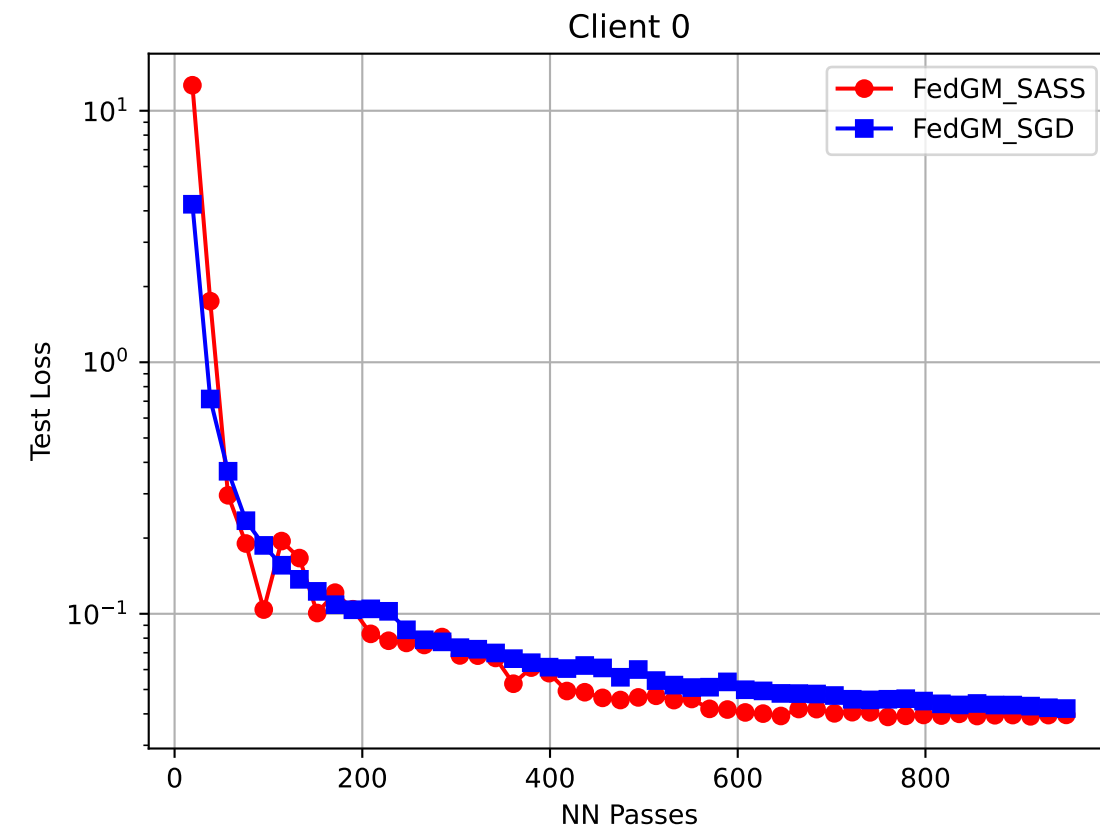
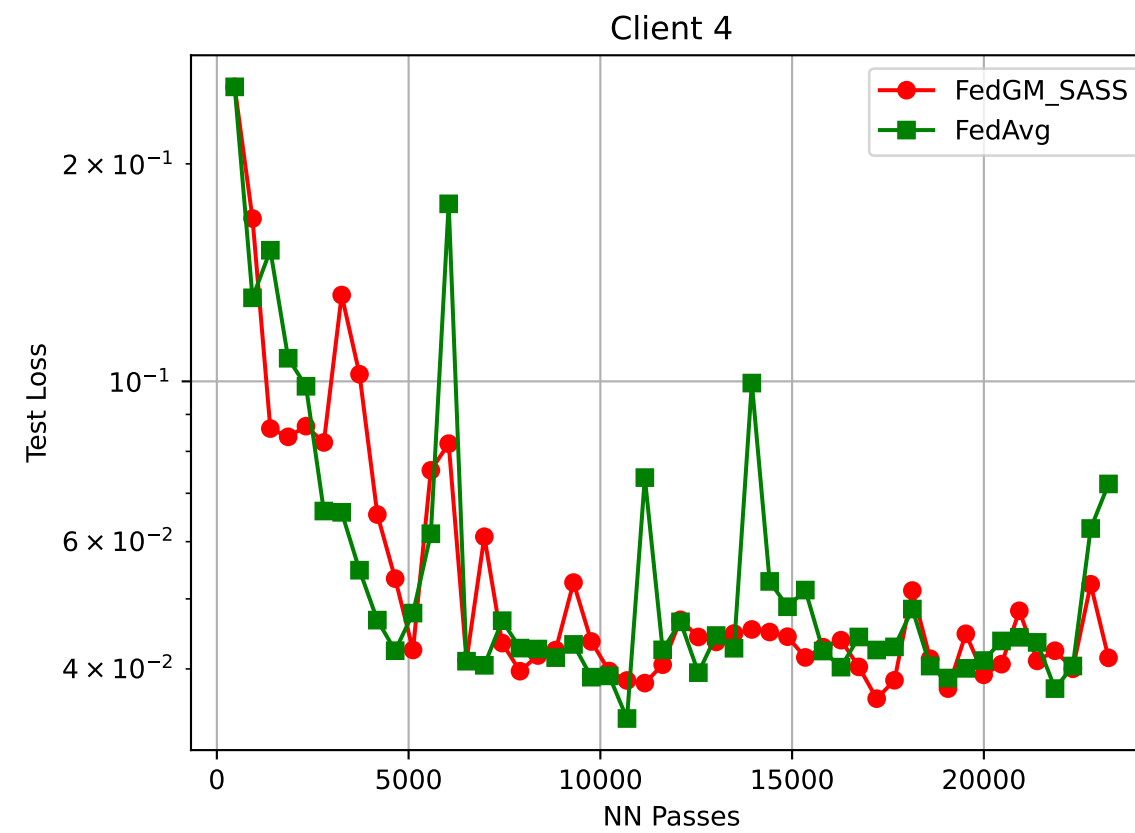
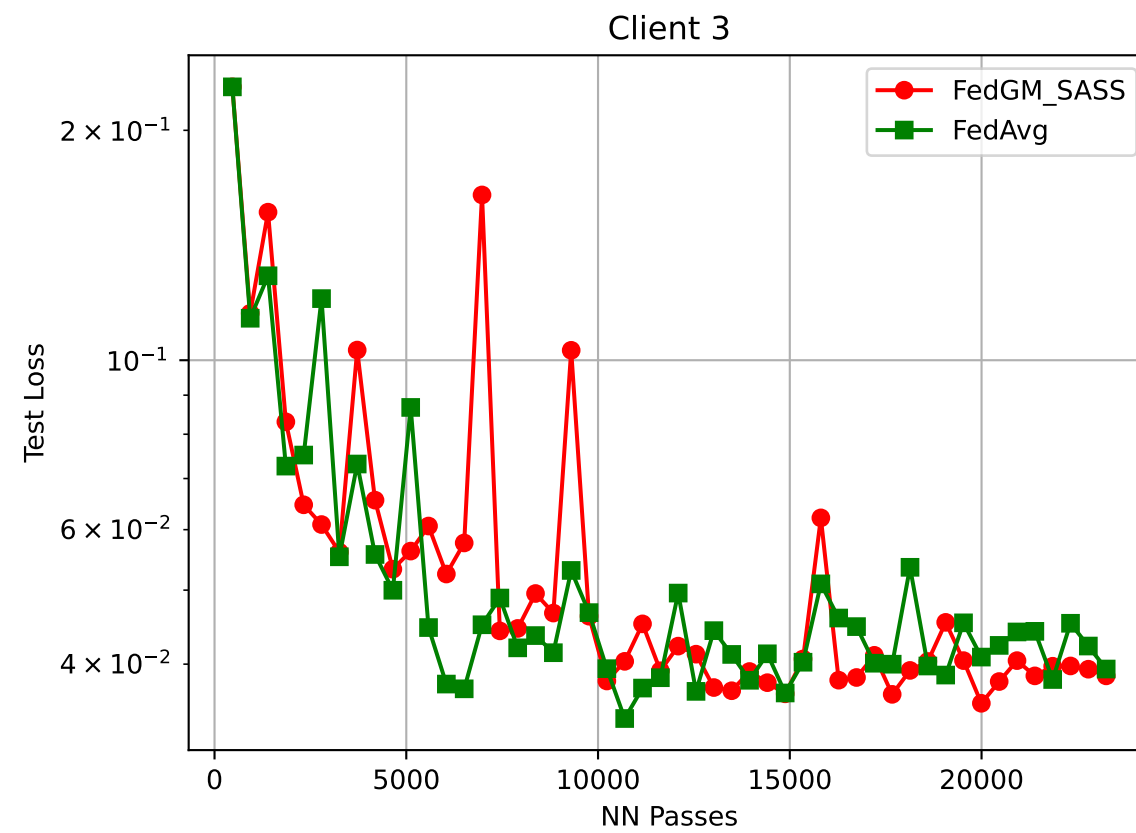
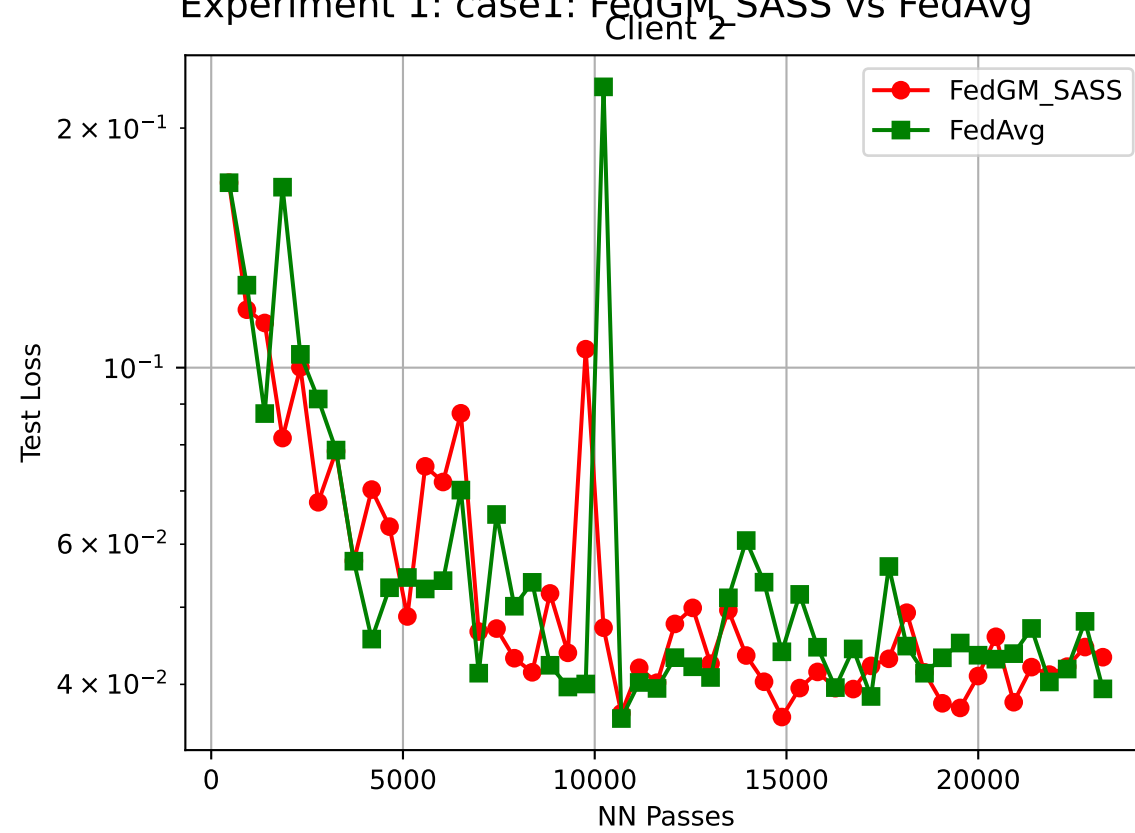
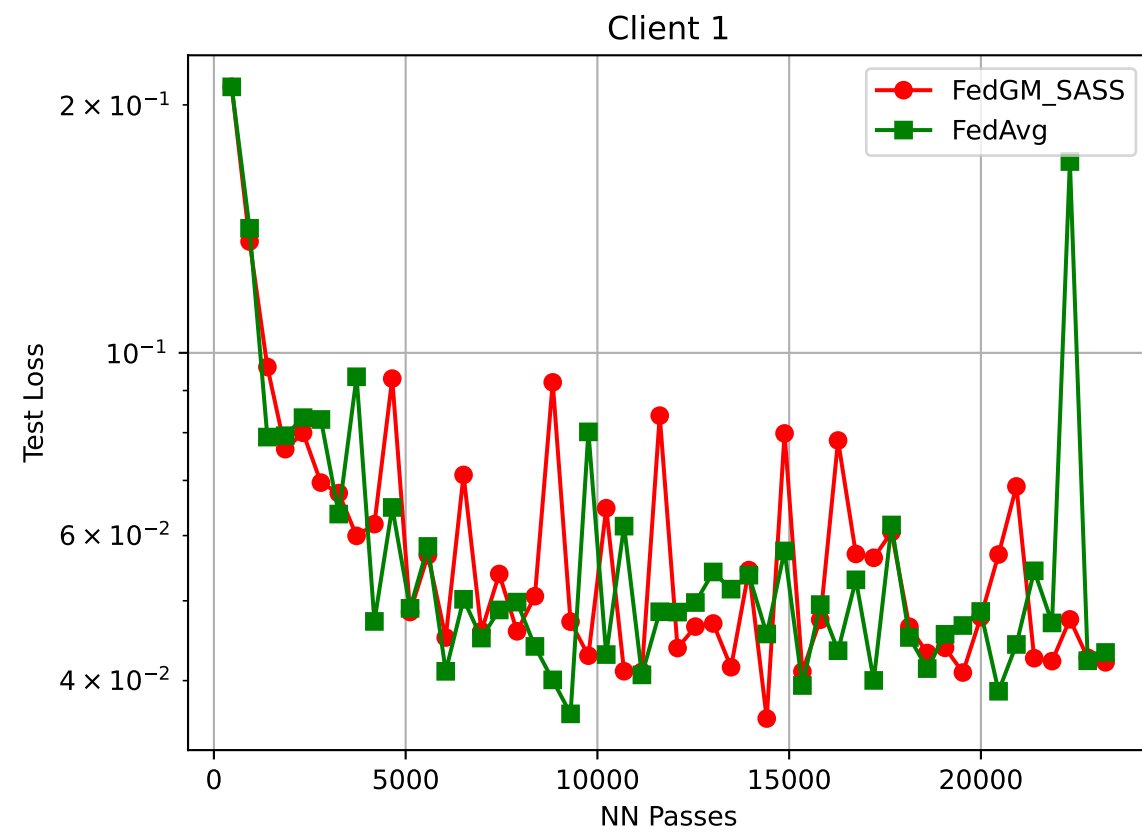
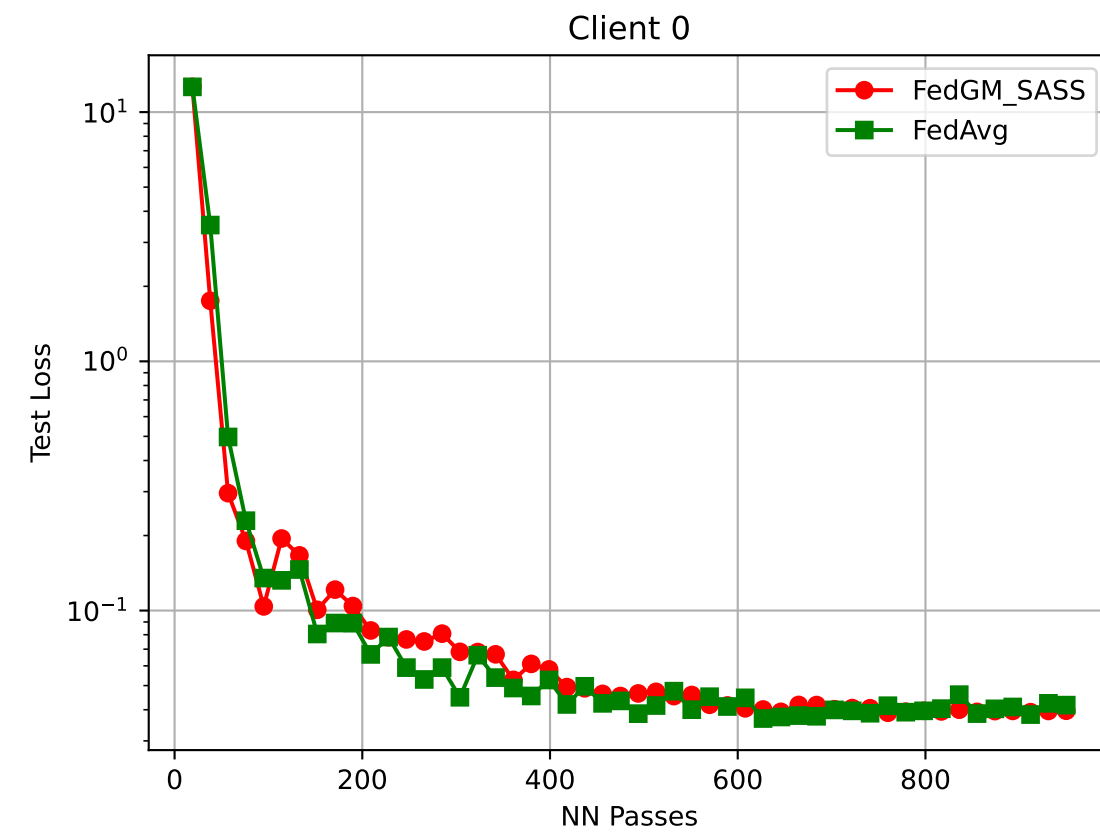


Experiment 1: case1: FedGM\_SASS vs FedGM\_SGD

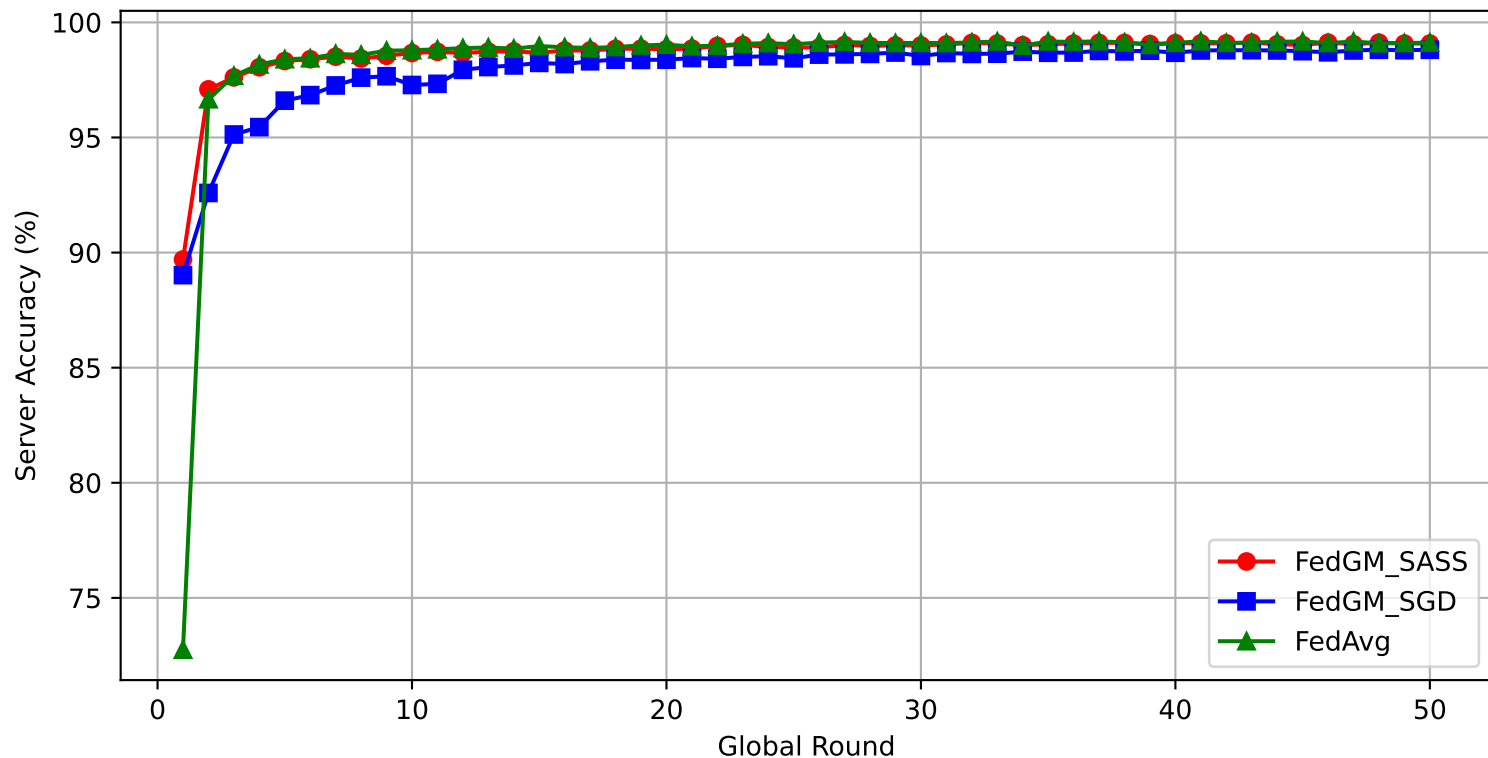


Experiment 1: case1: FedGM\_SASS vs FedAvg

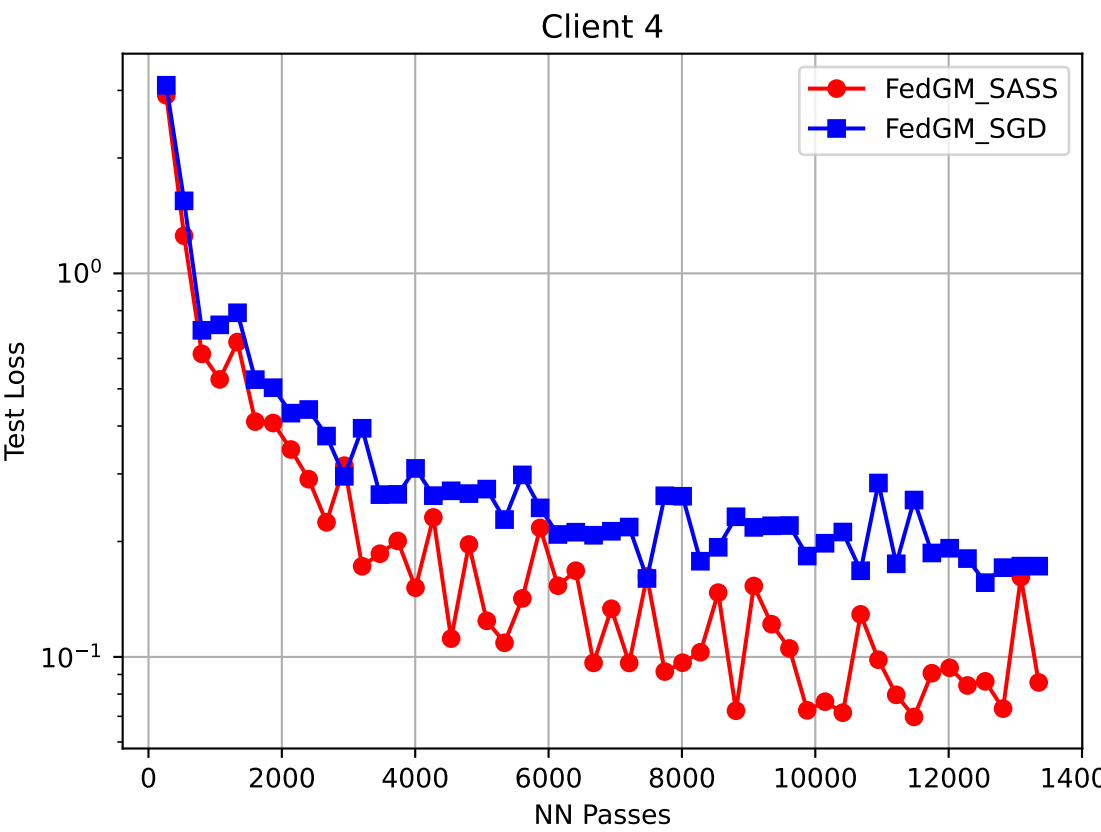
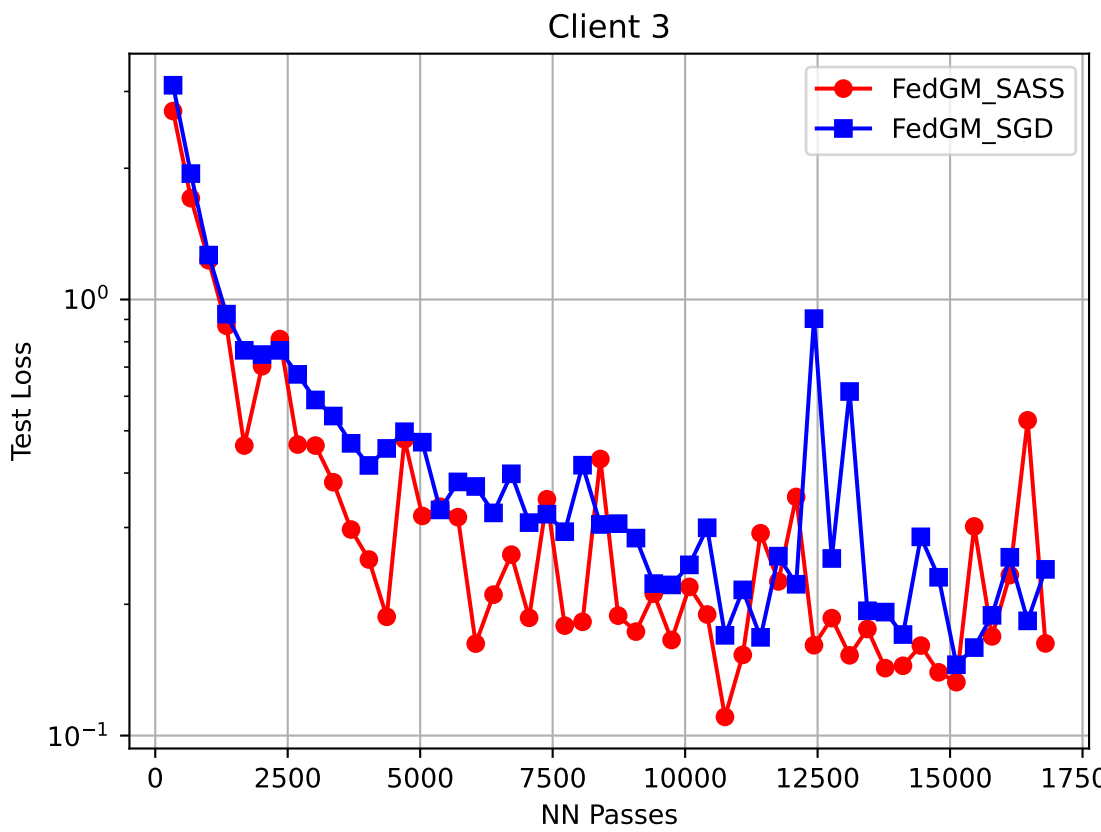
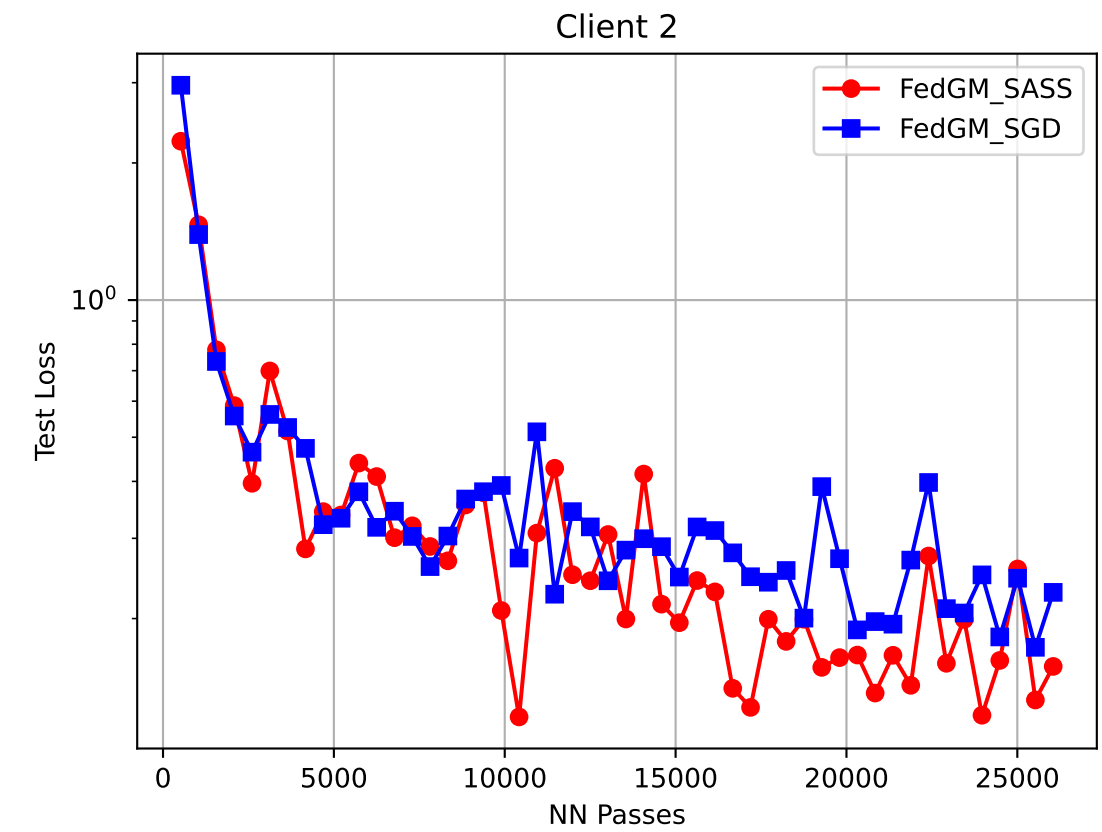
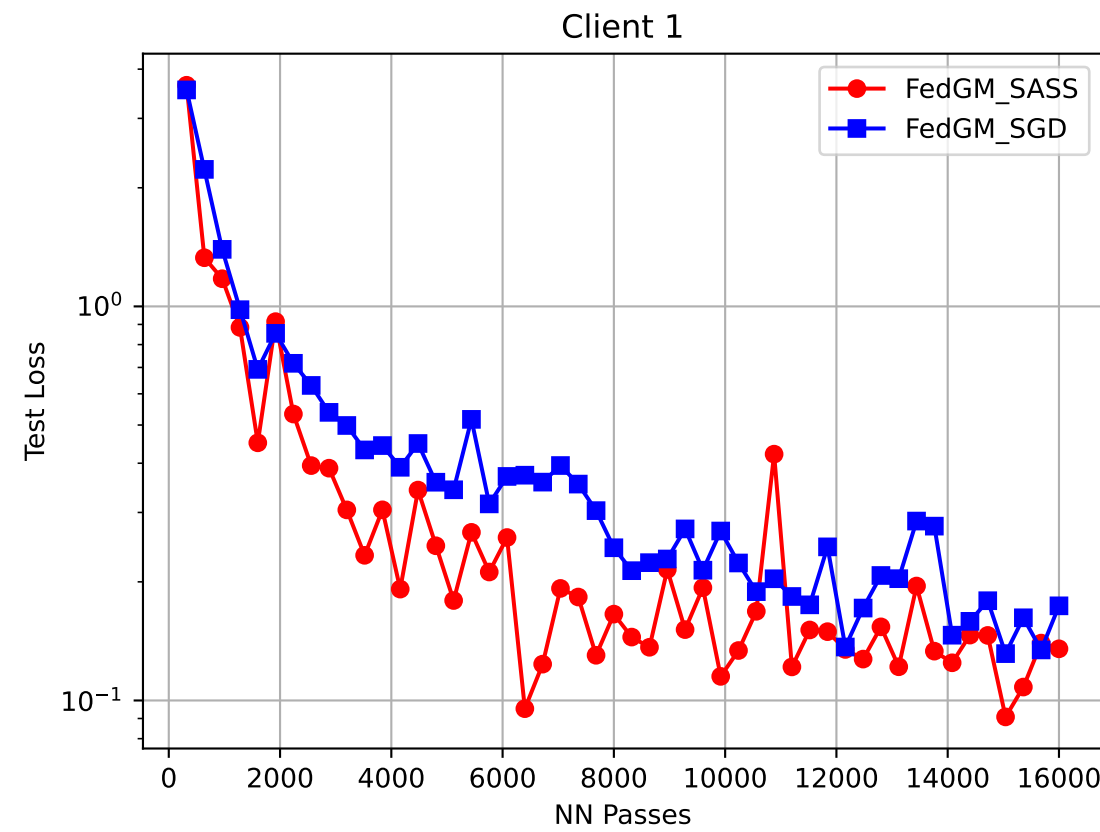
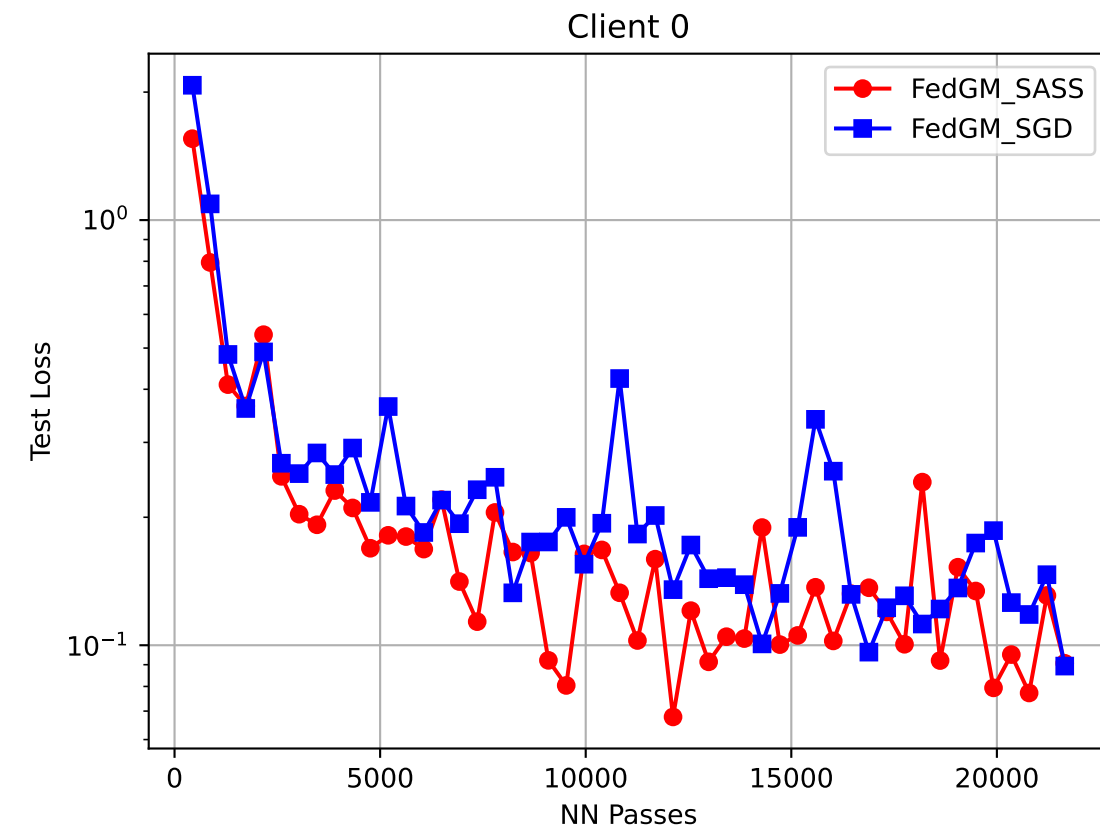


# Experiment 1: case1 - Server Accuracy vs Global Round

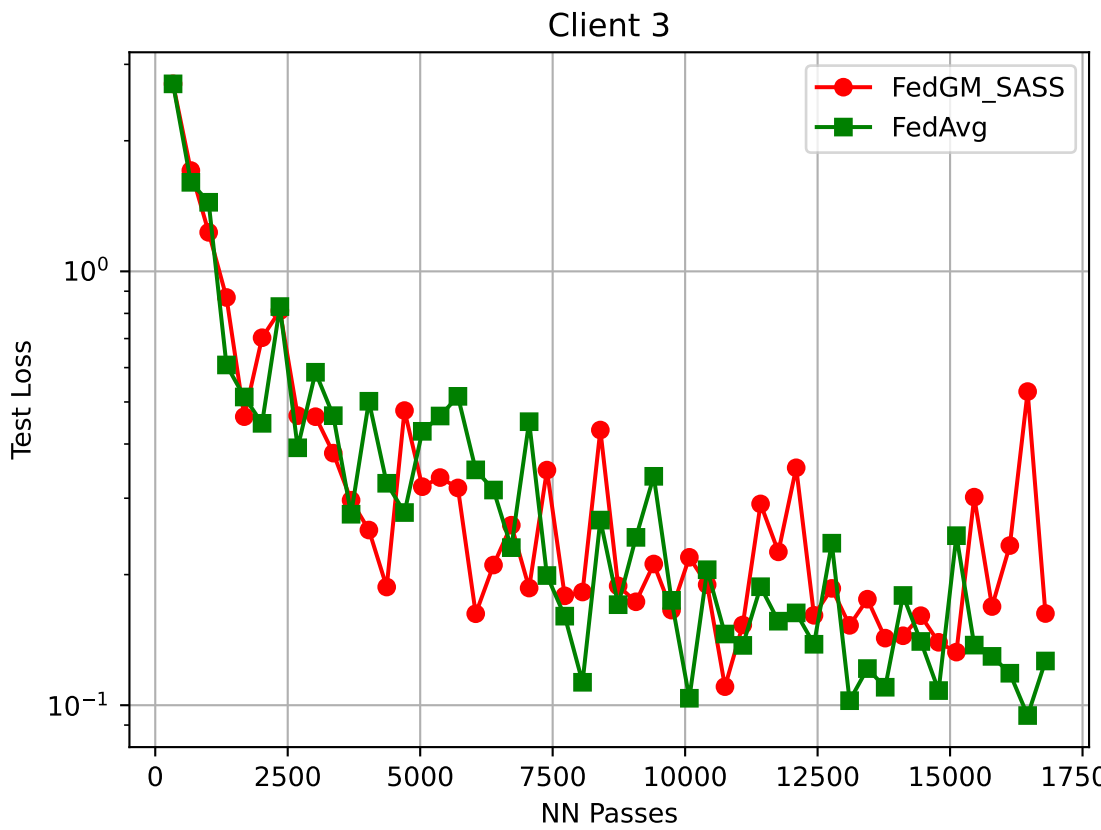
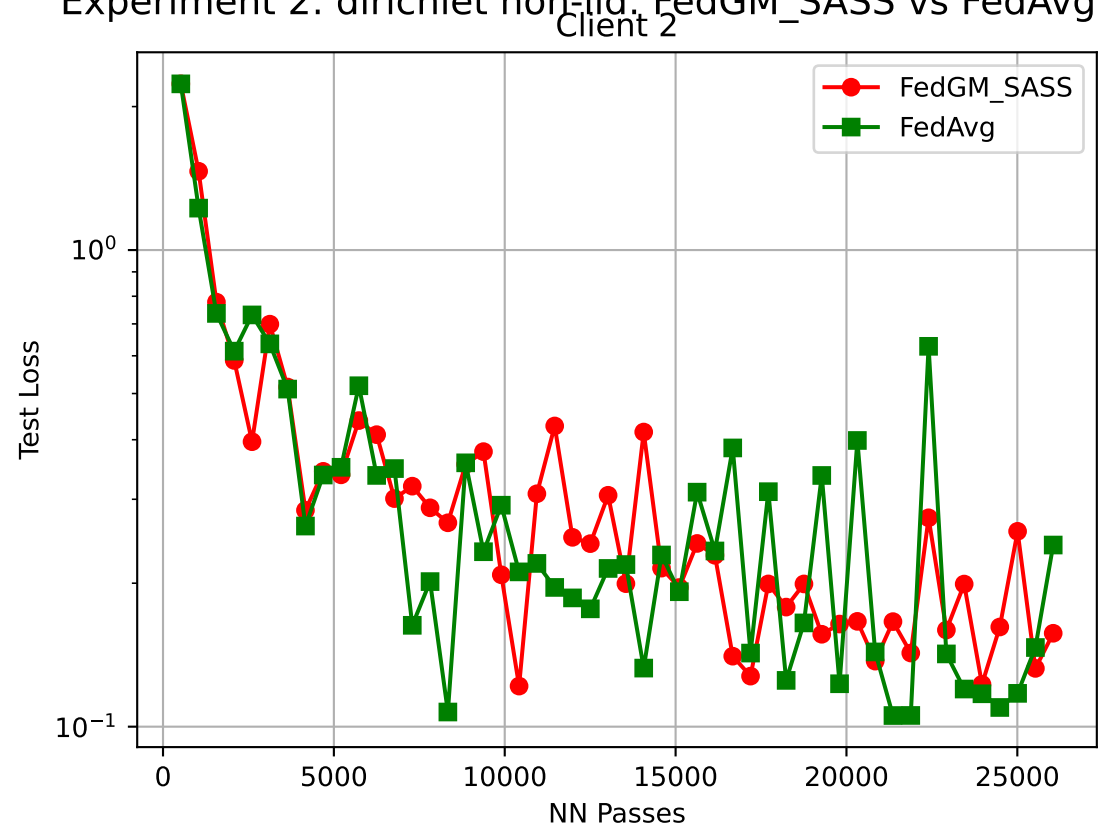
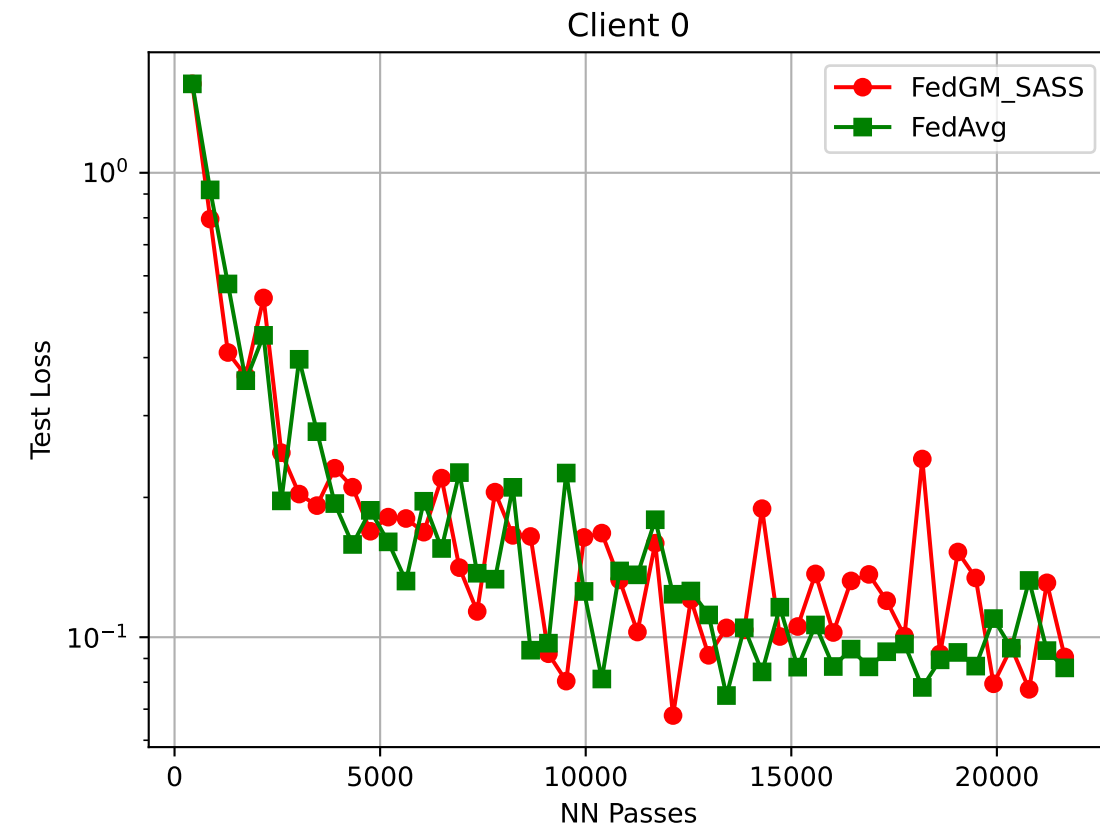
FedGM\_SASS final acc: 99.08%  
FedGM\_SGD final acc : 98.81%  
FedAvg final acc : 99.12%



Experiment 2: dirichlet non-iid: FedGM\_SASS vs FedGM\_SGD

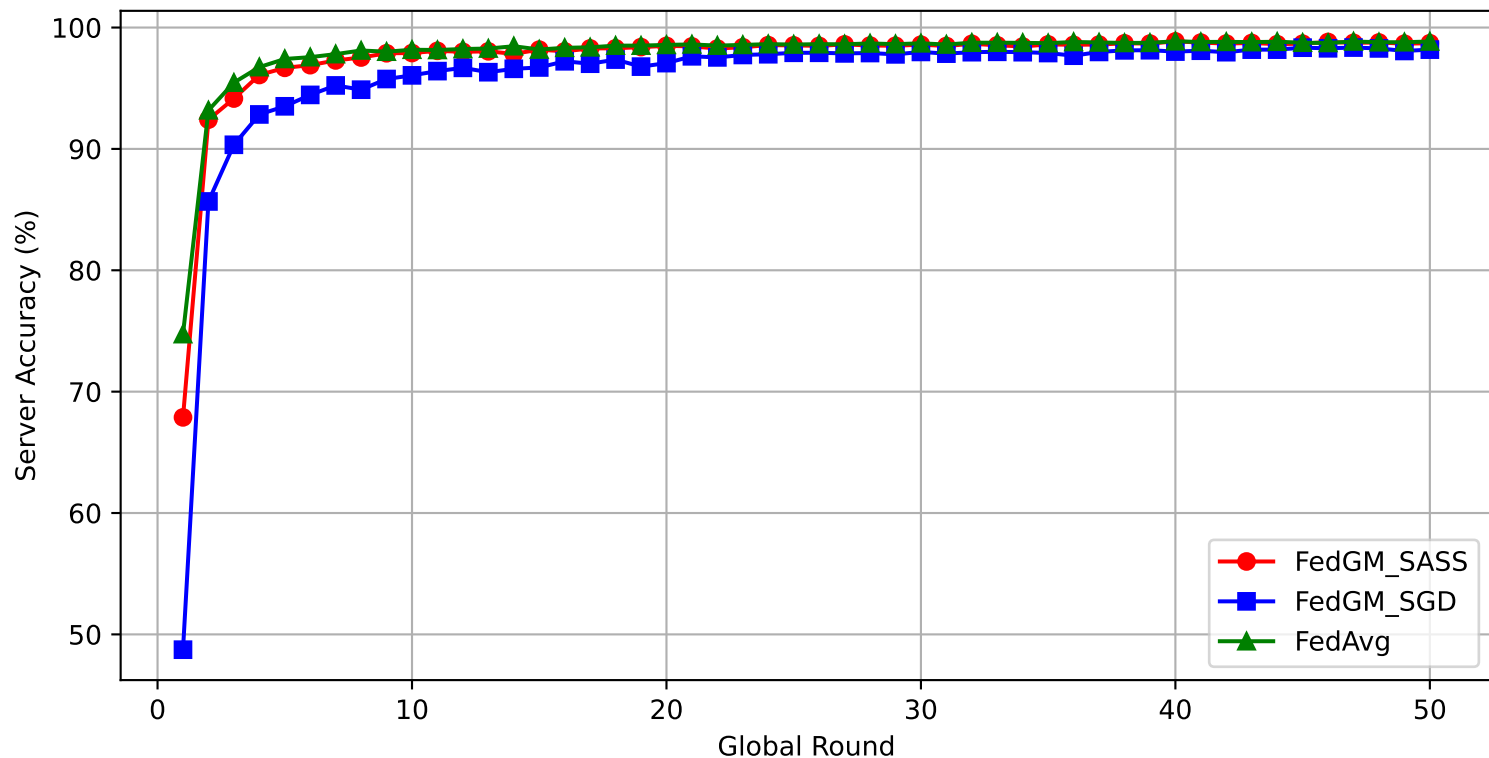


Experiment 2: dirichlet non-iid: FedGM\_SASS vs FedAvg

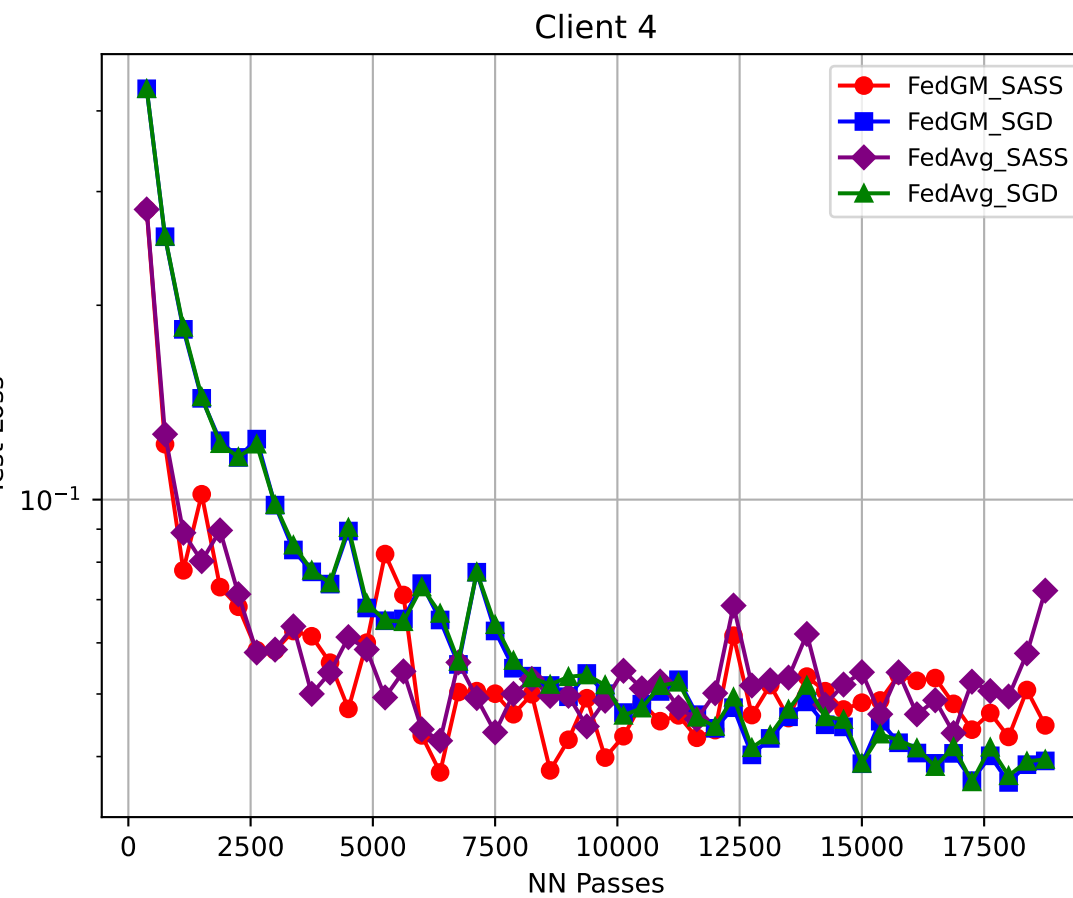
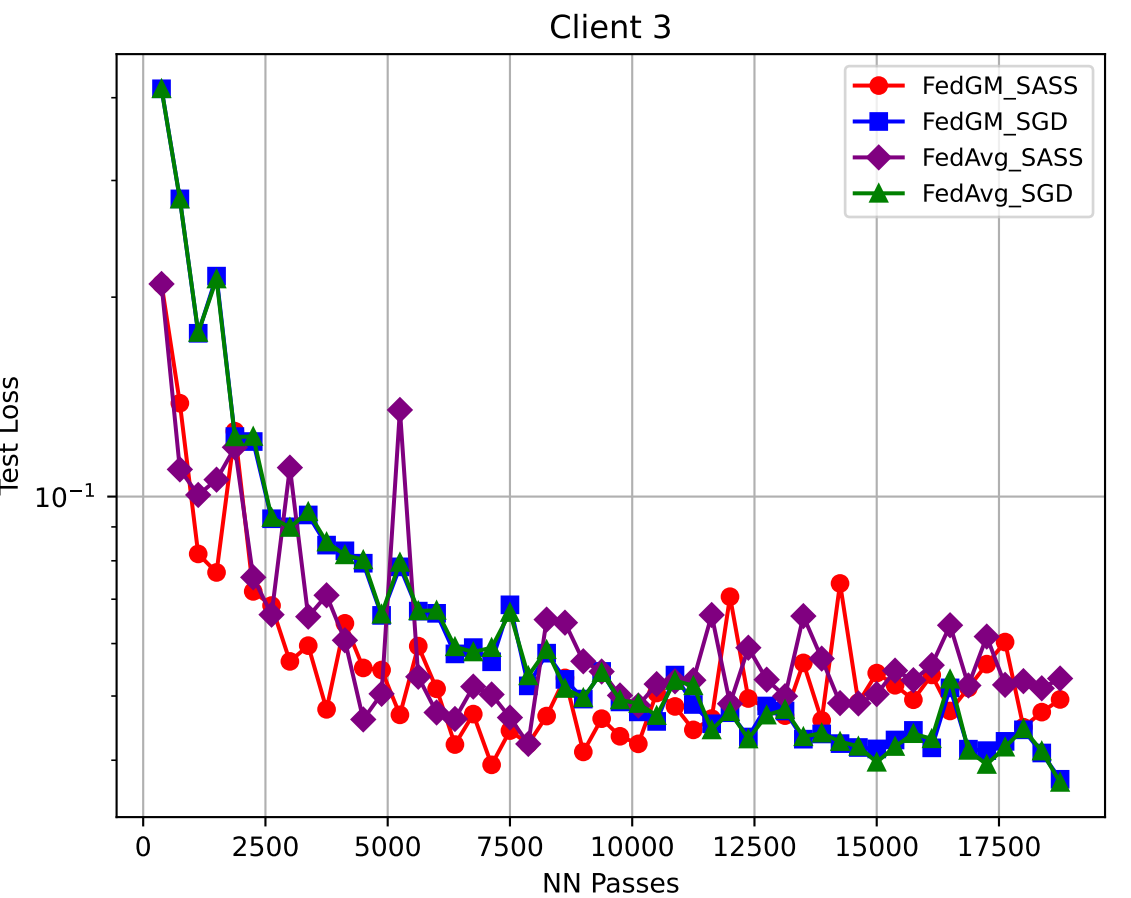
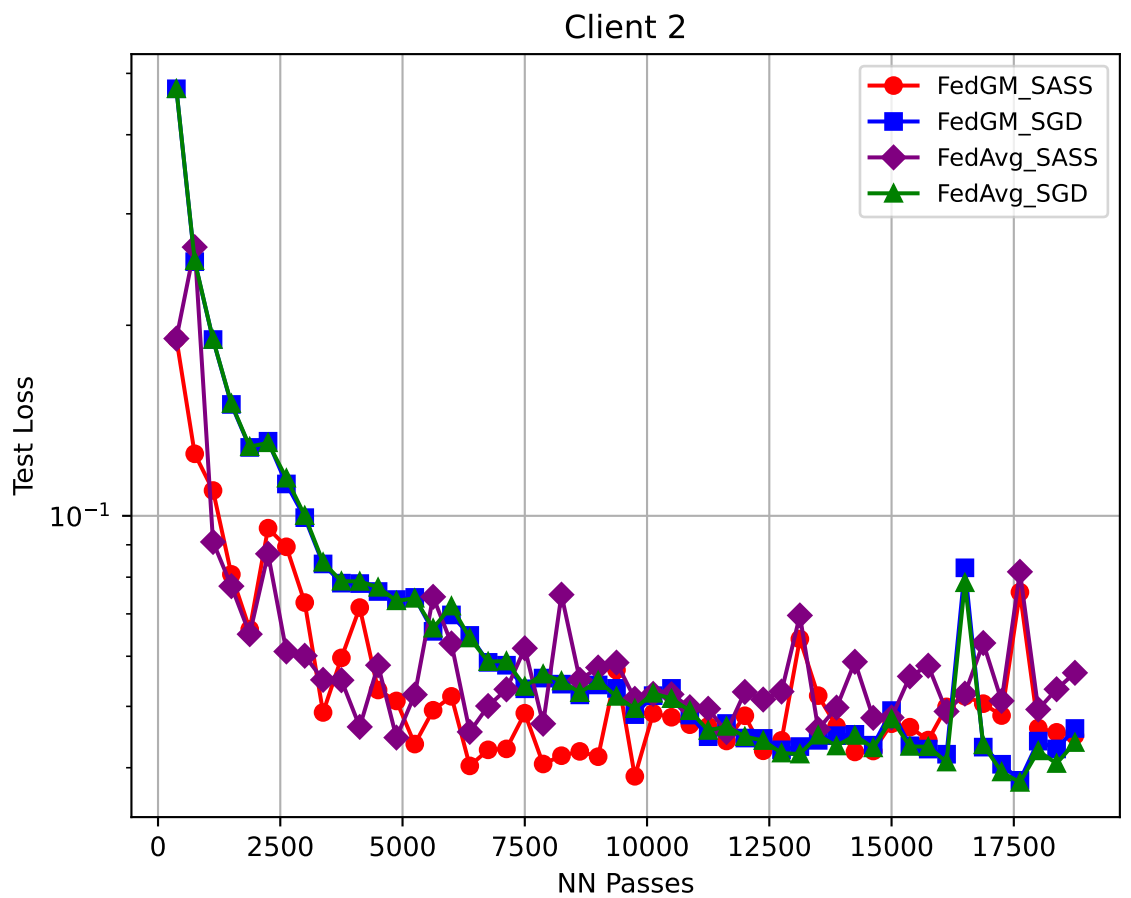
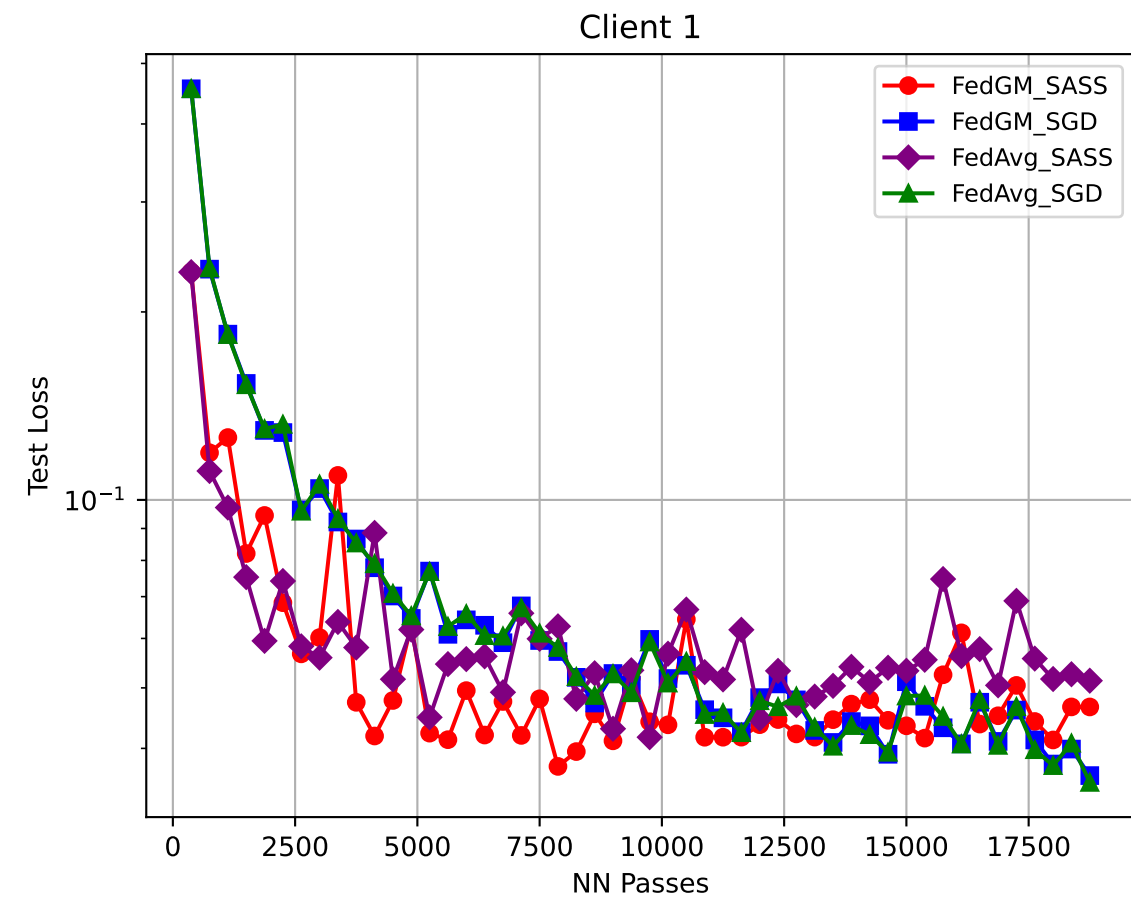
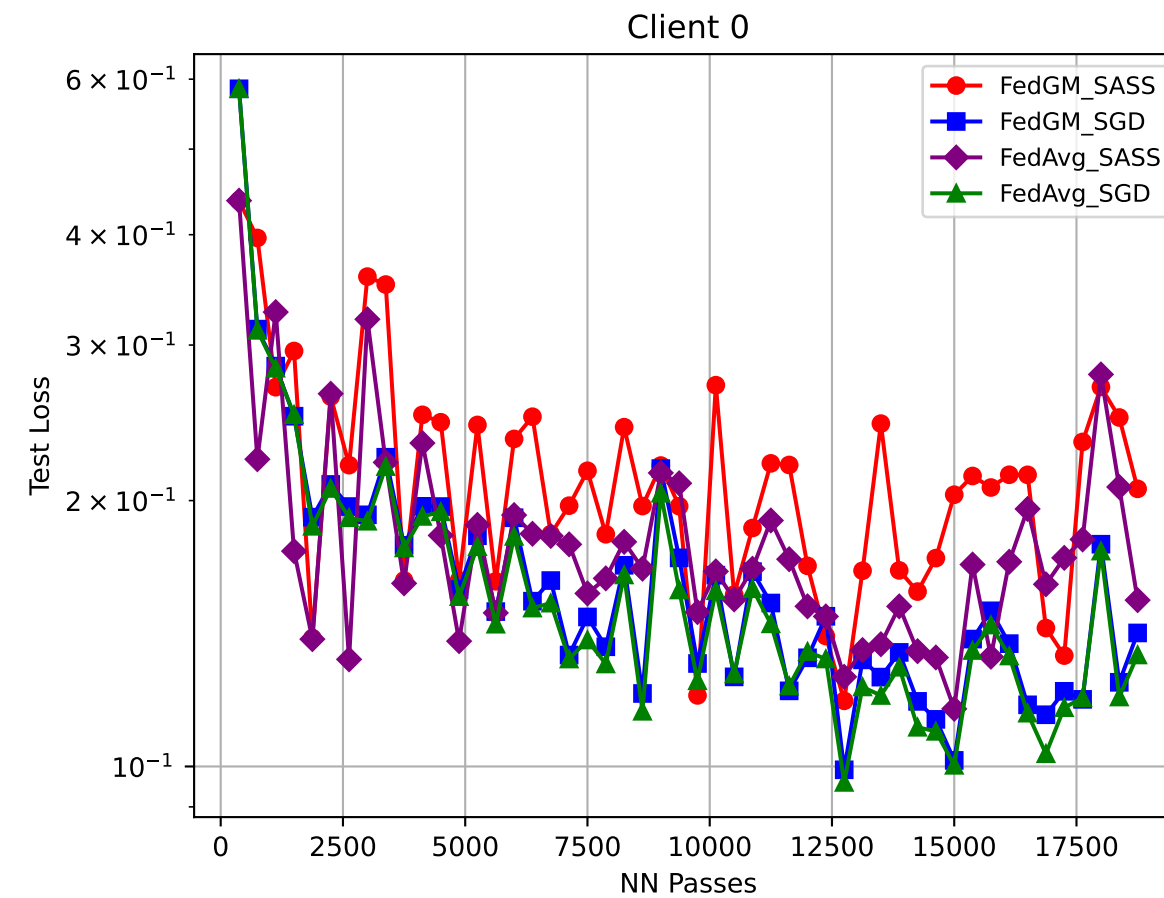


## Experiment 2: dirichlet non-iid - Server Accuracy vs Global Round

FedGM\_SASS final acc: 98.71%  
FedGM\_SGD final acc : 98.18%  
FedAvg final acc : 98.85%

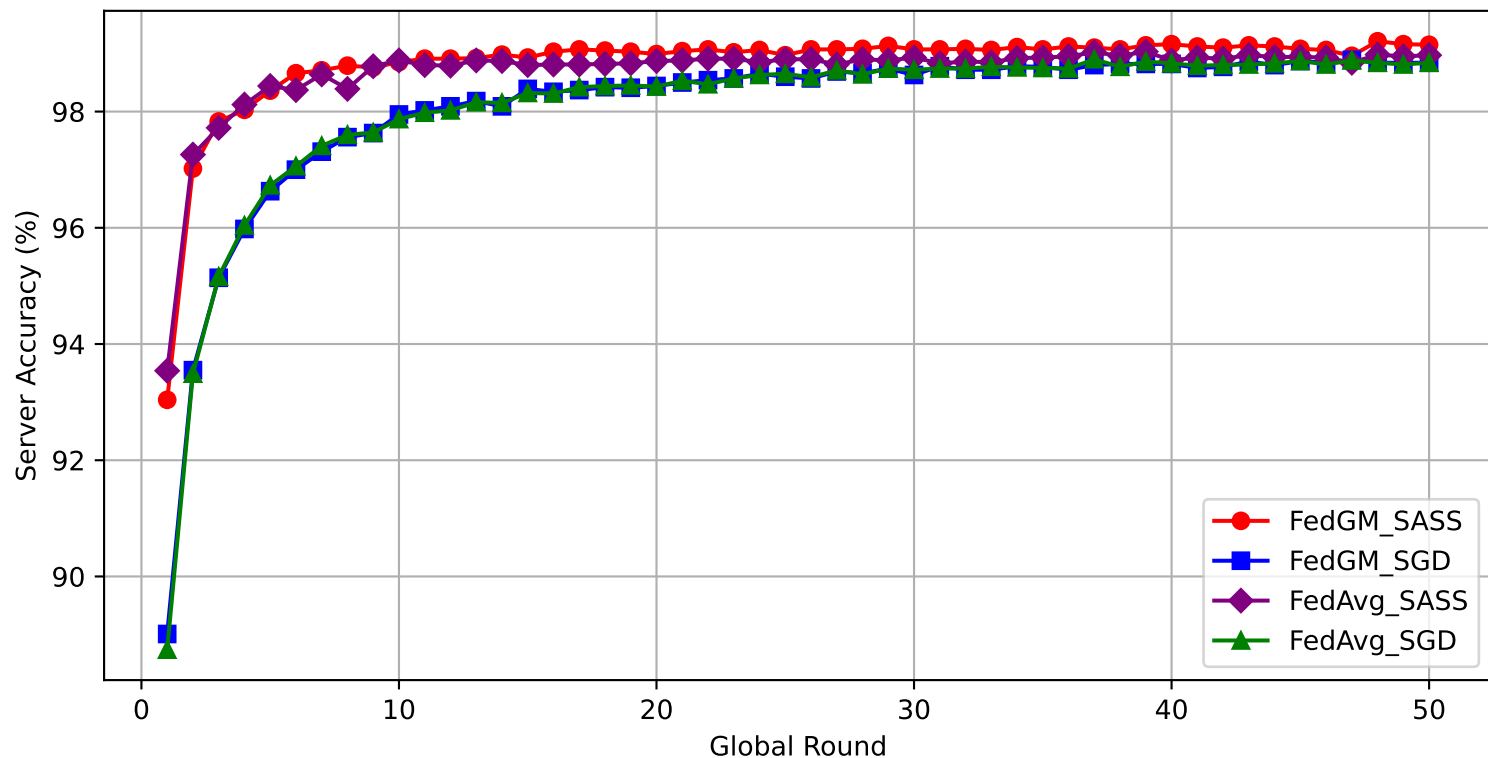


Experiment 3: case2: Test Loss vs NN Passes (all 4 algorithms)

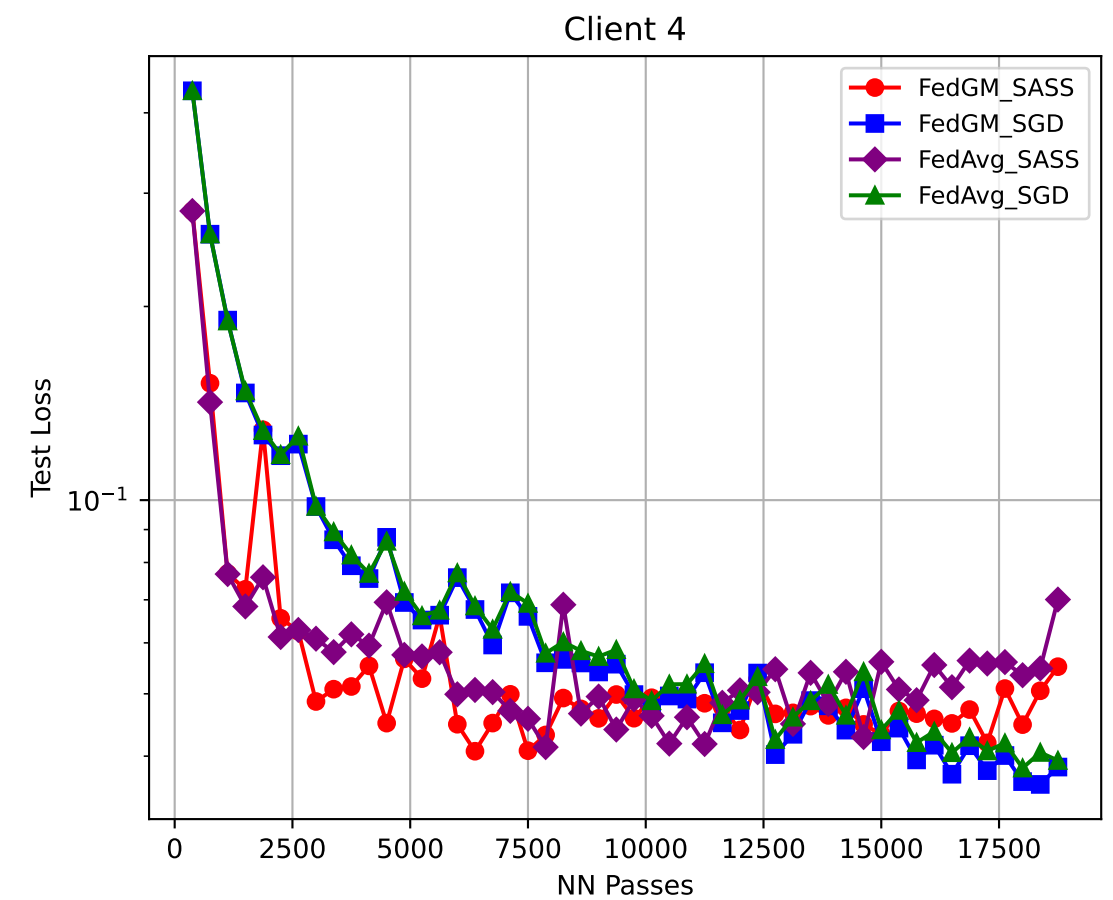
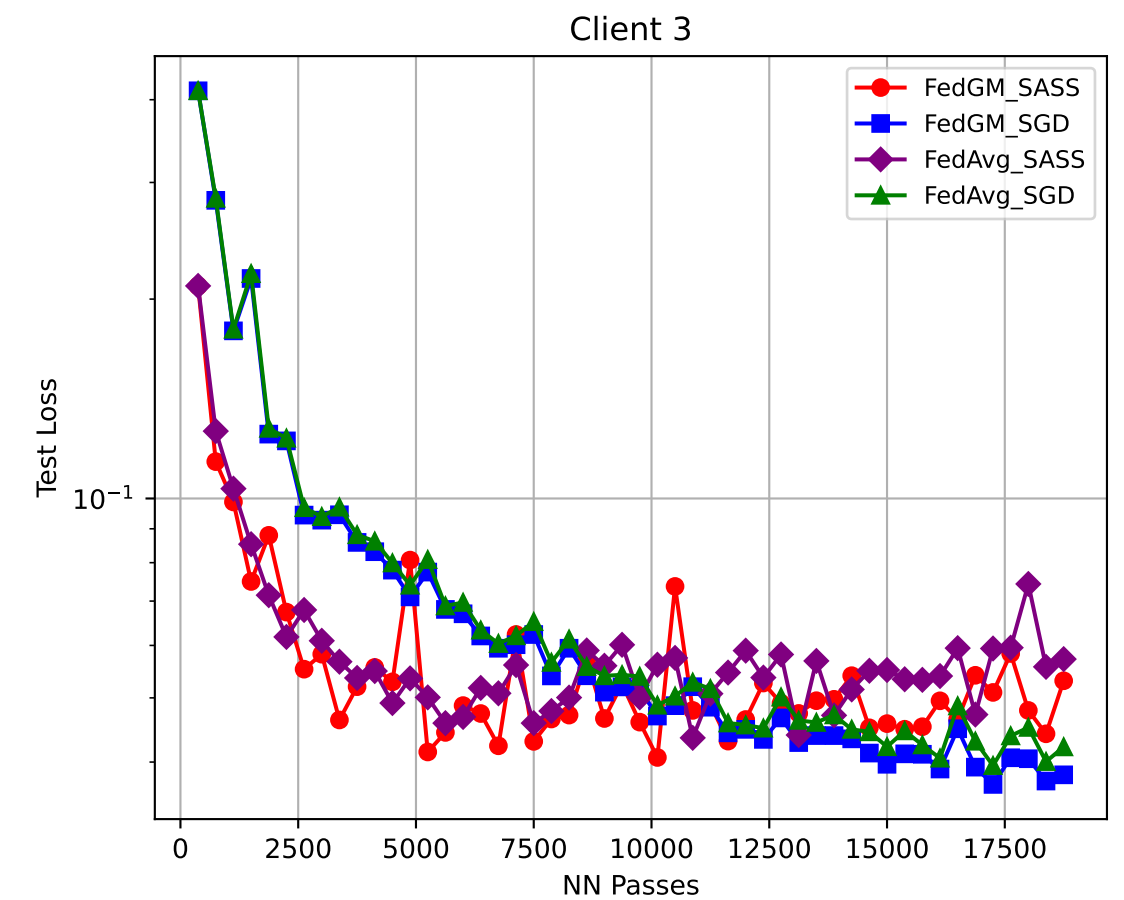
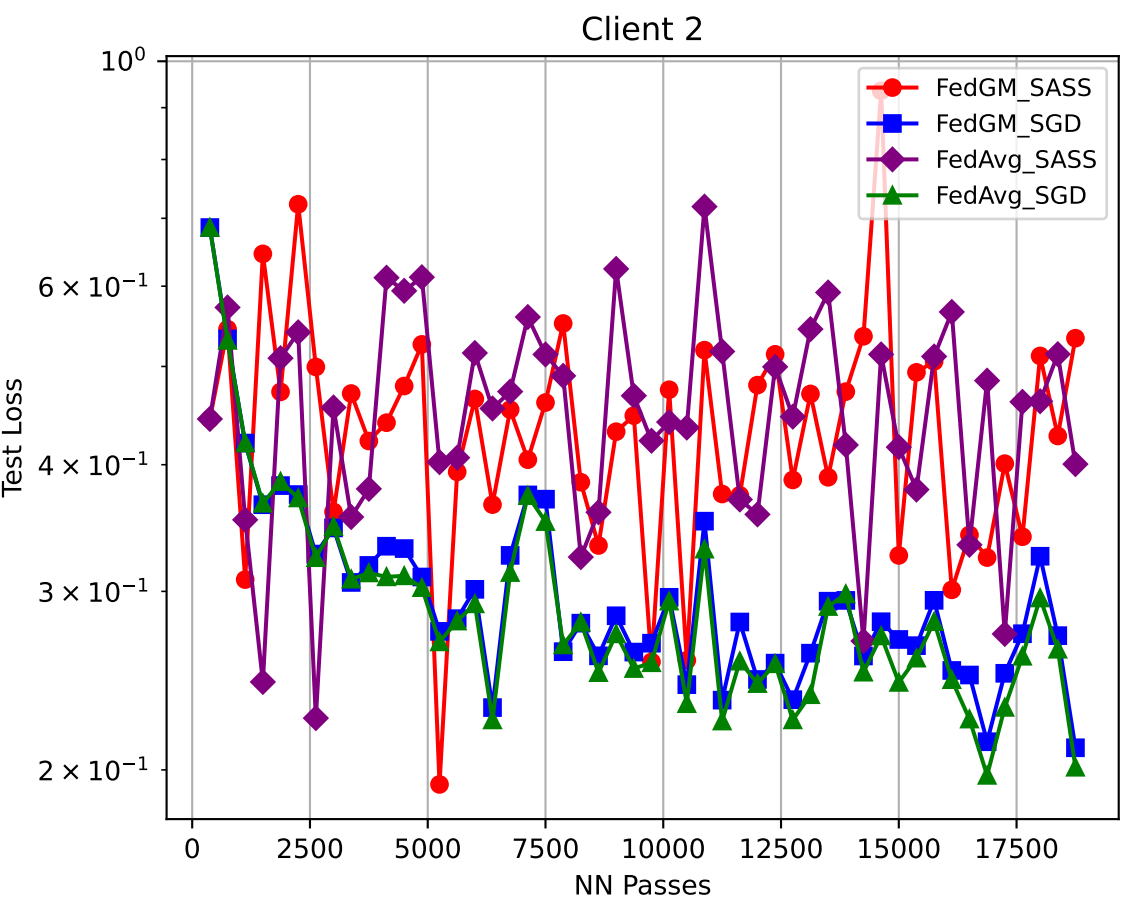
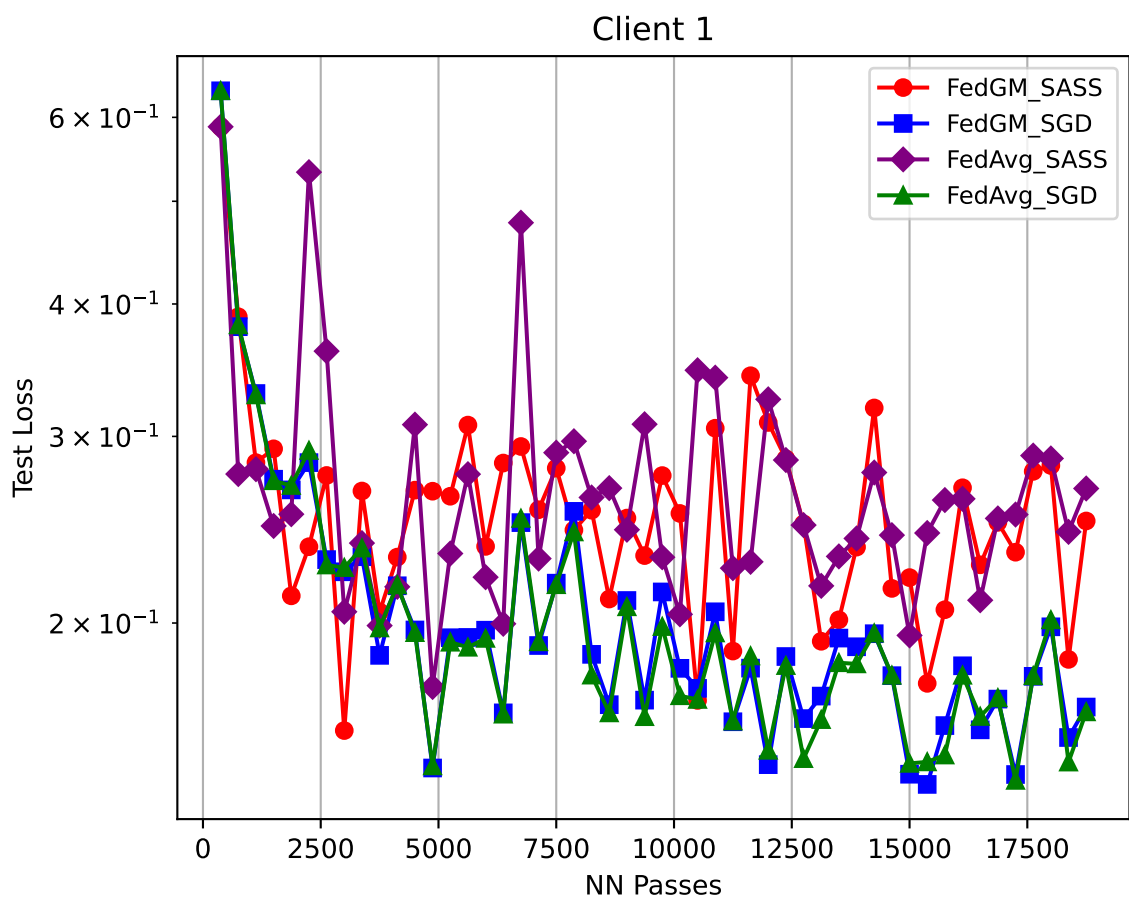
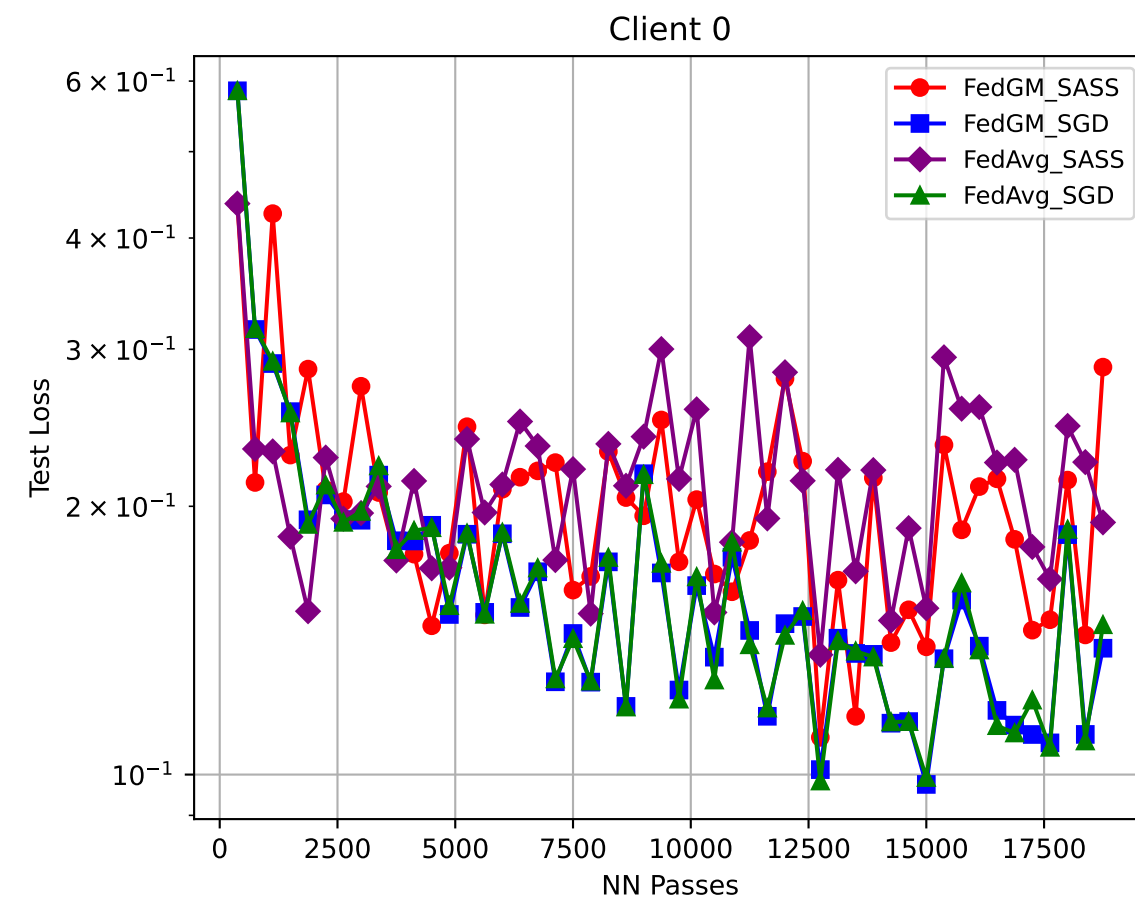


# Experiment 3: case2 - Server Accuracy vs Global Round

FedGM\_SASS final acc: 99.15%  
FedGM\_SGD final acc : 98.84%  
FedAvg\_SASS final acc: 98.97%  
FedAvg\_SGD final acc : 98.84%



Experiment 4: case3: Test Loss vs NN Passes (all 4 algorithms)



## Experiment 4: case3 - Server Accuracy vs Global Round

FedGM\_SASS final acc: 98.95%  
FedGM\_SGD final acc : 98.94%  
FedAvg\_SASS final acc: 98.25%  
FedAvg\_SGD final acc : 98.79%

