Non-IID Dominance: Accuracy vs. Data Heterogeneity 1.000 Aggregator **FEDAVG FEDPROX** 0.975 **FEDDIVE** 0.950 0.925 Final Test Accuracy 0.06.0 24.800 0.850 0.825 0.800

Data Distribution (Lower α is more Non-IID)

 α =0.5

 $\alpha = 0.1$

α=1.0

α=10.0