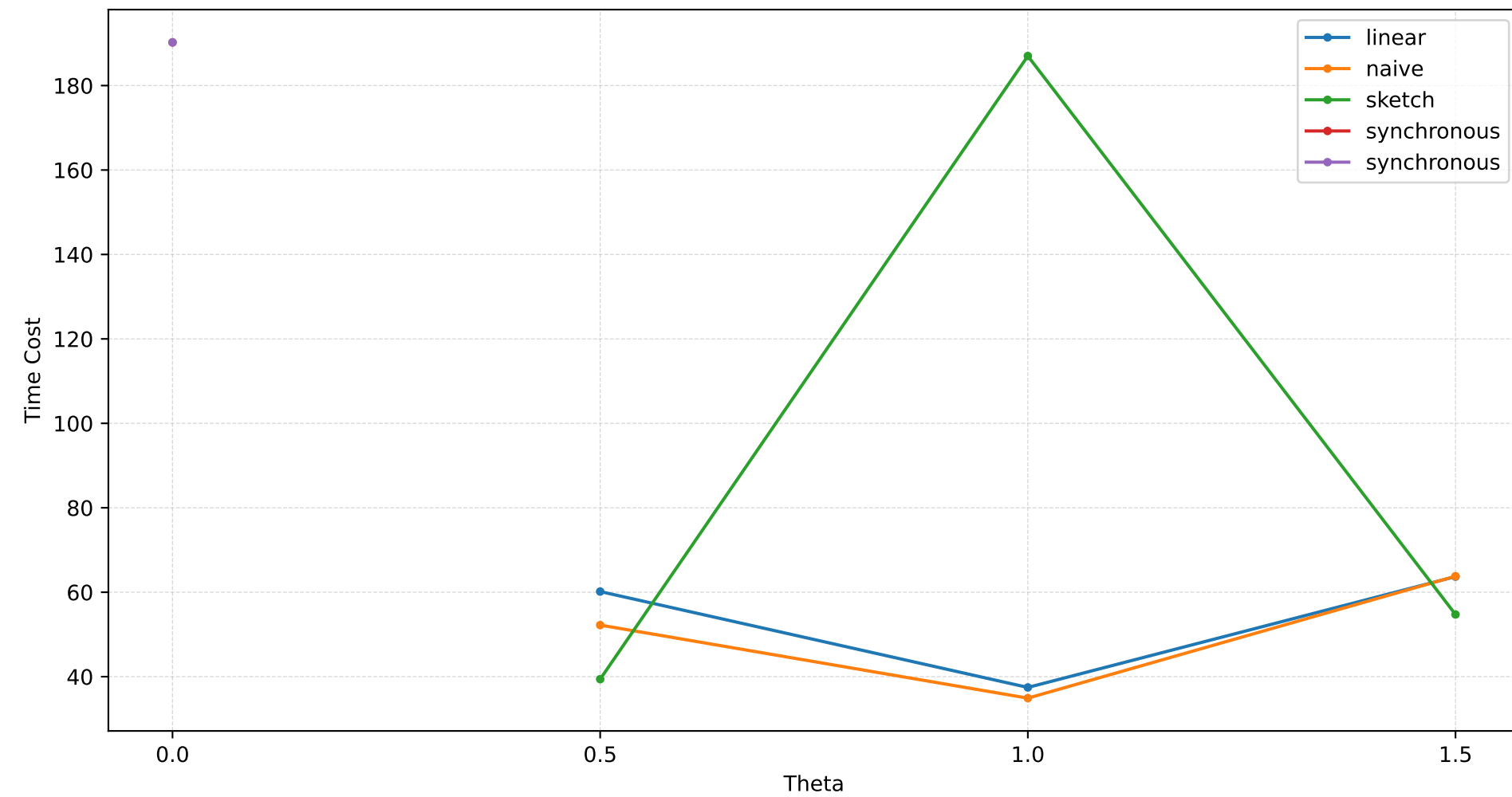
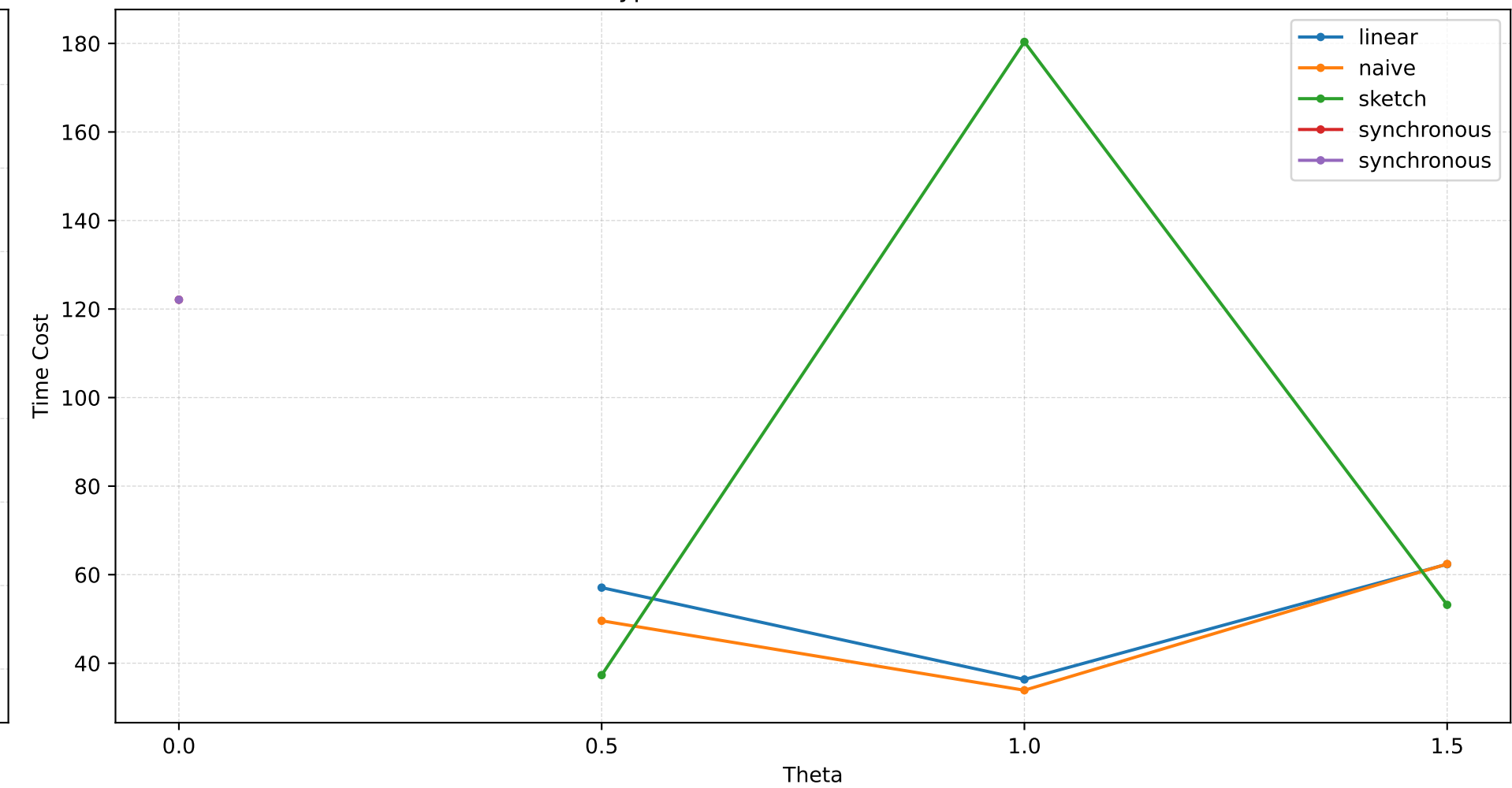


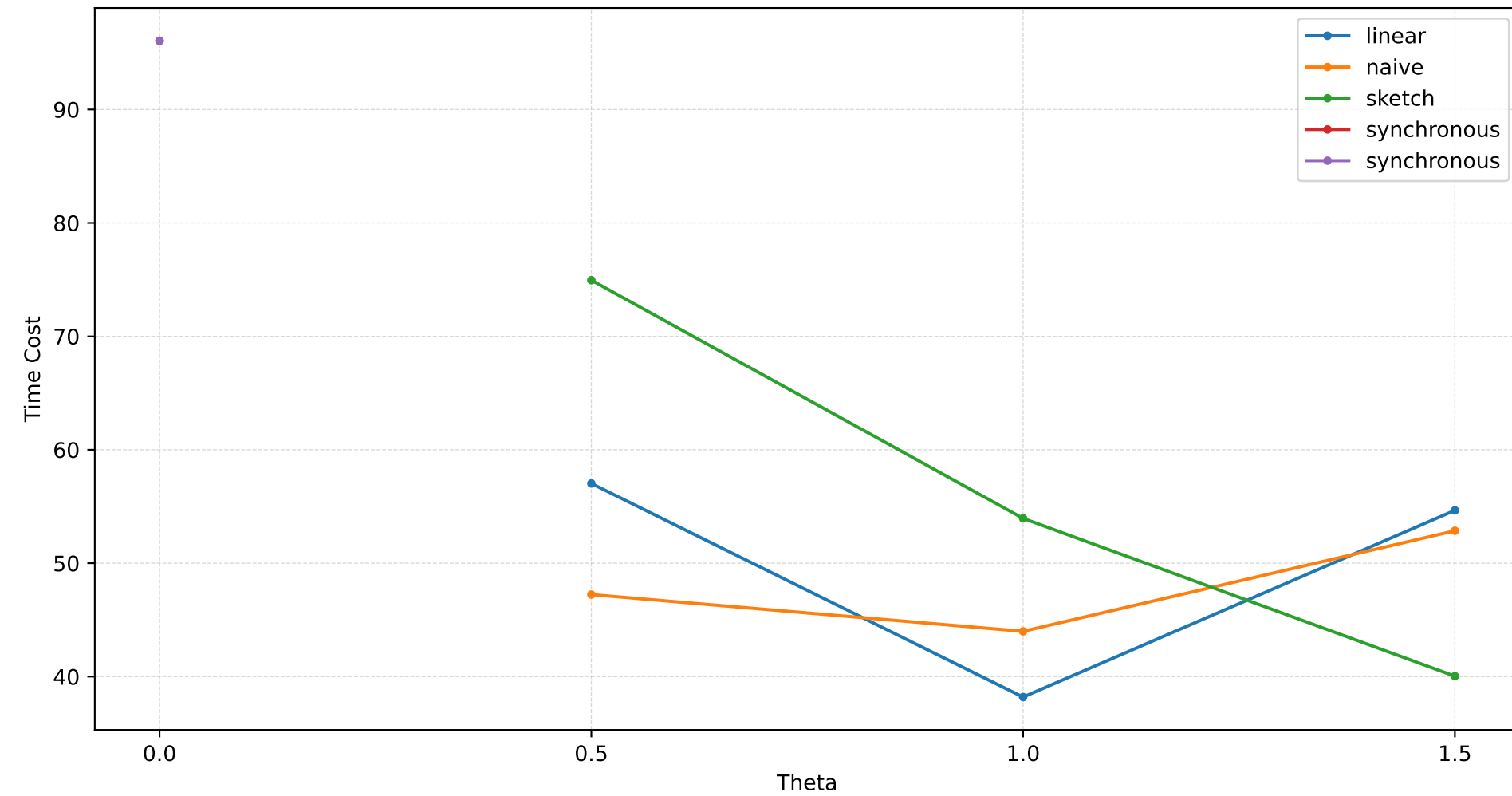
Common Channel Communication Model



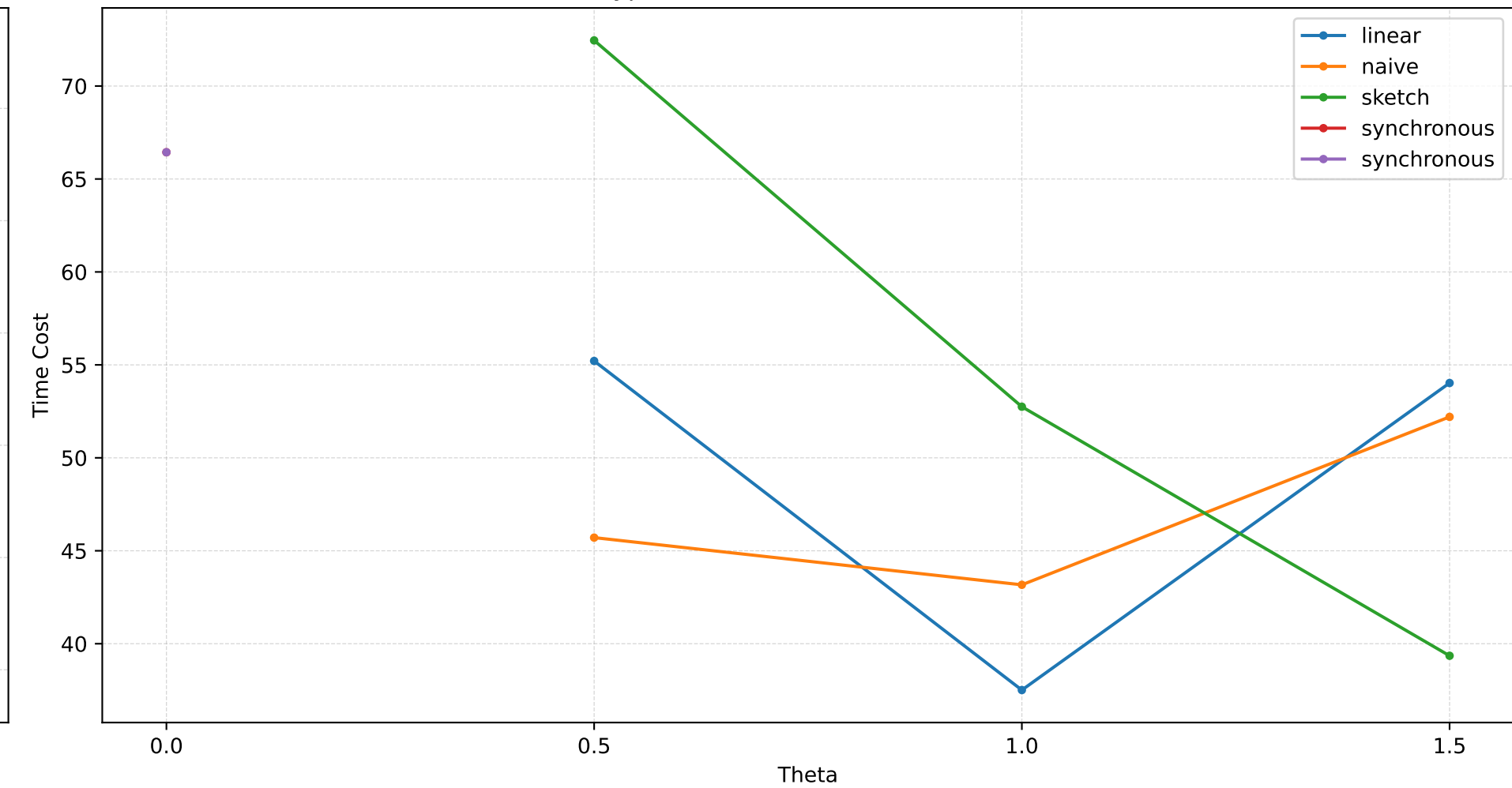
Hypercube Communication Model



Common Channel Communication Model

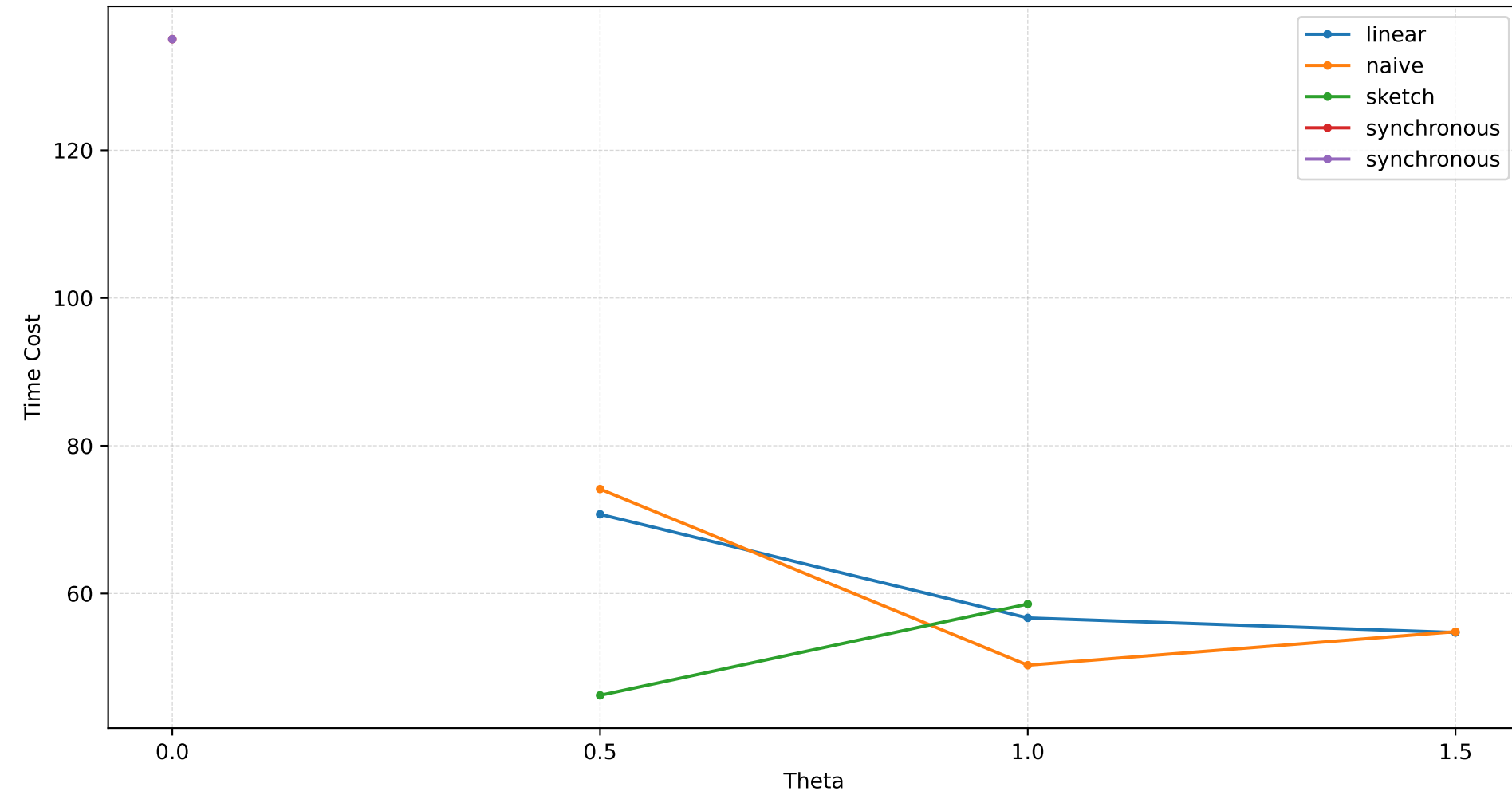


Hypercube Communication Model

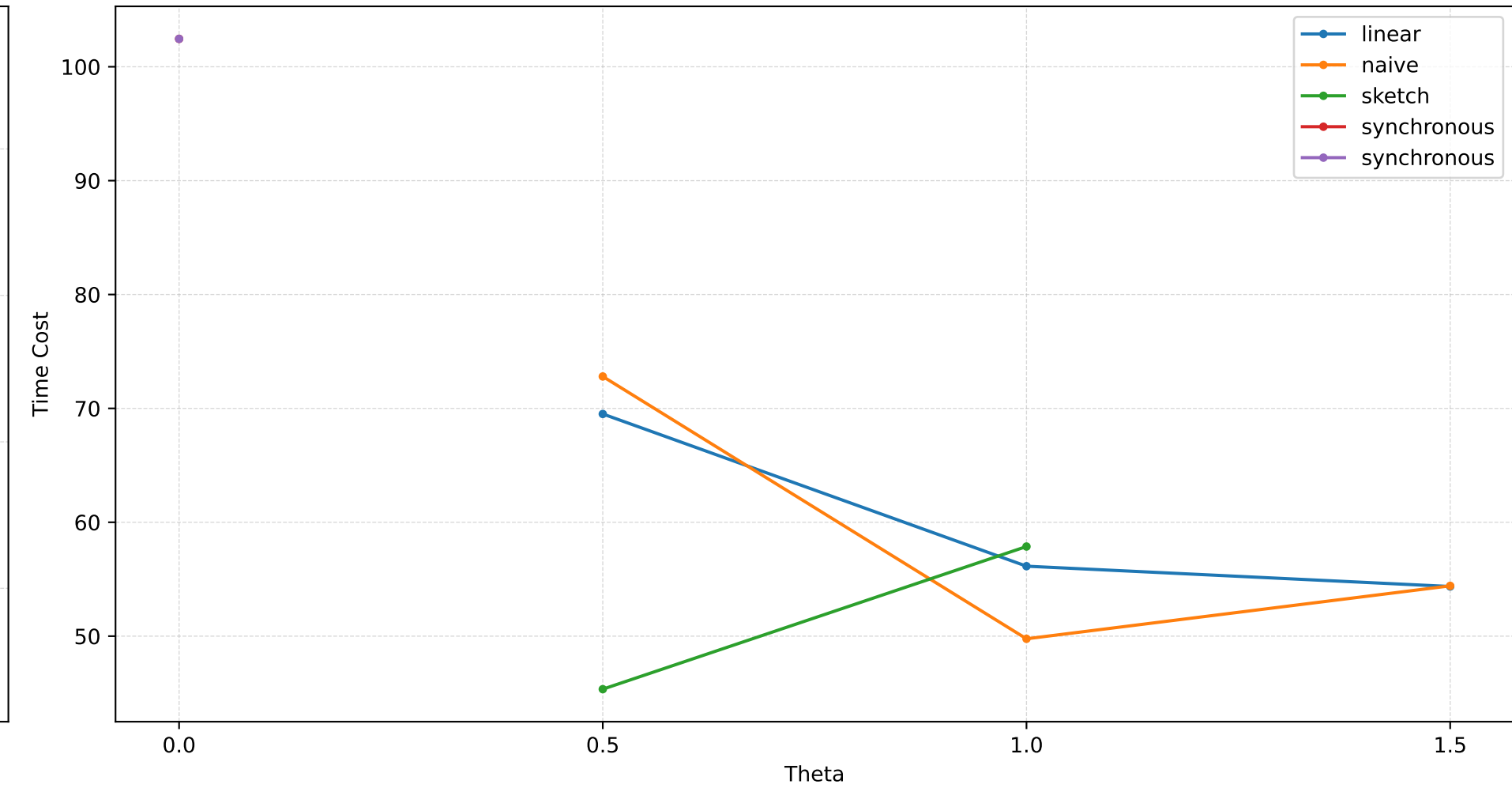


Num Clients : 5 , Batch Size : 128

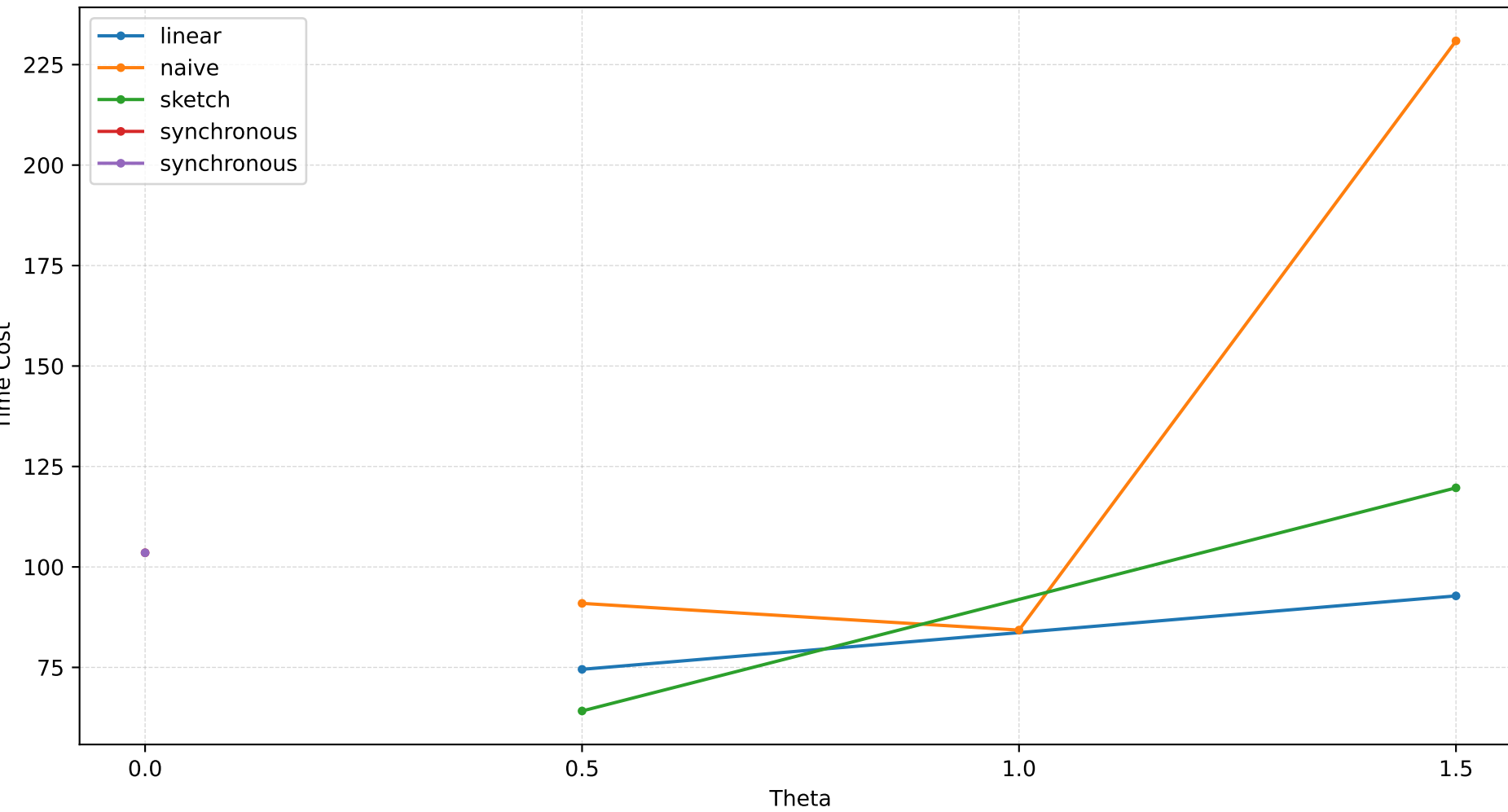
Common Channel Communication Model



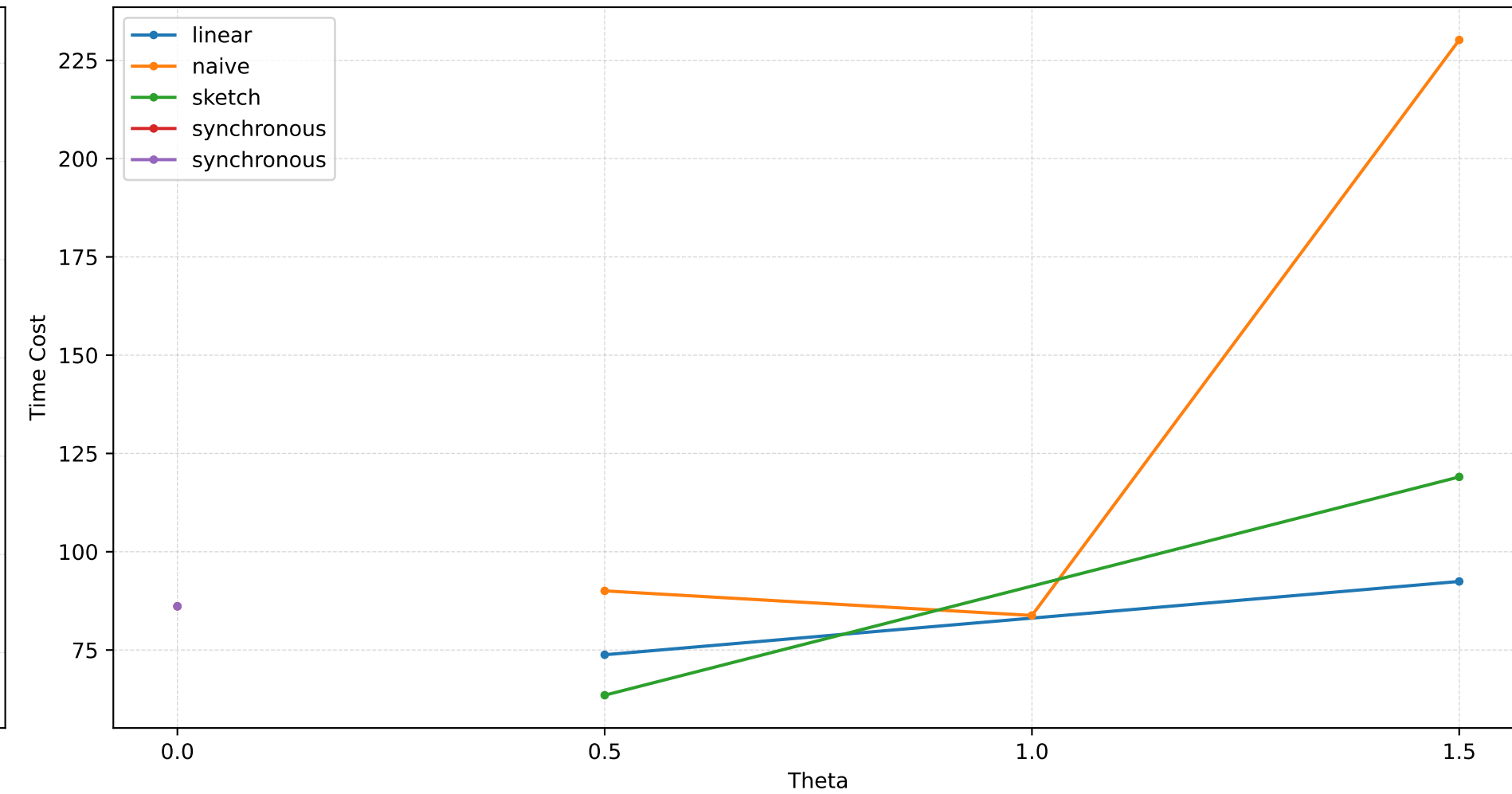
Hypercube Communication Model



Common Channel Communication Model

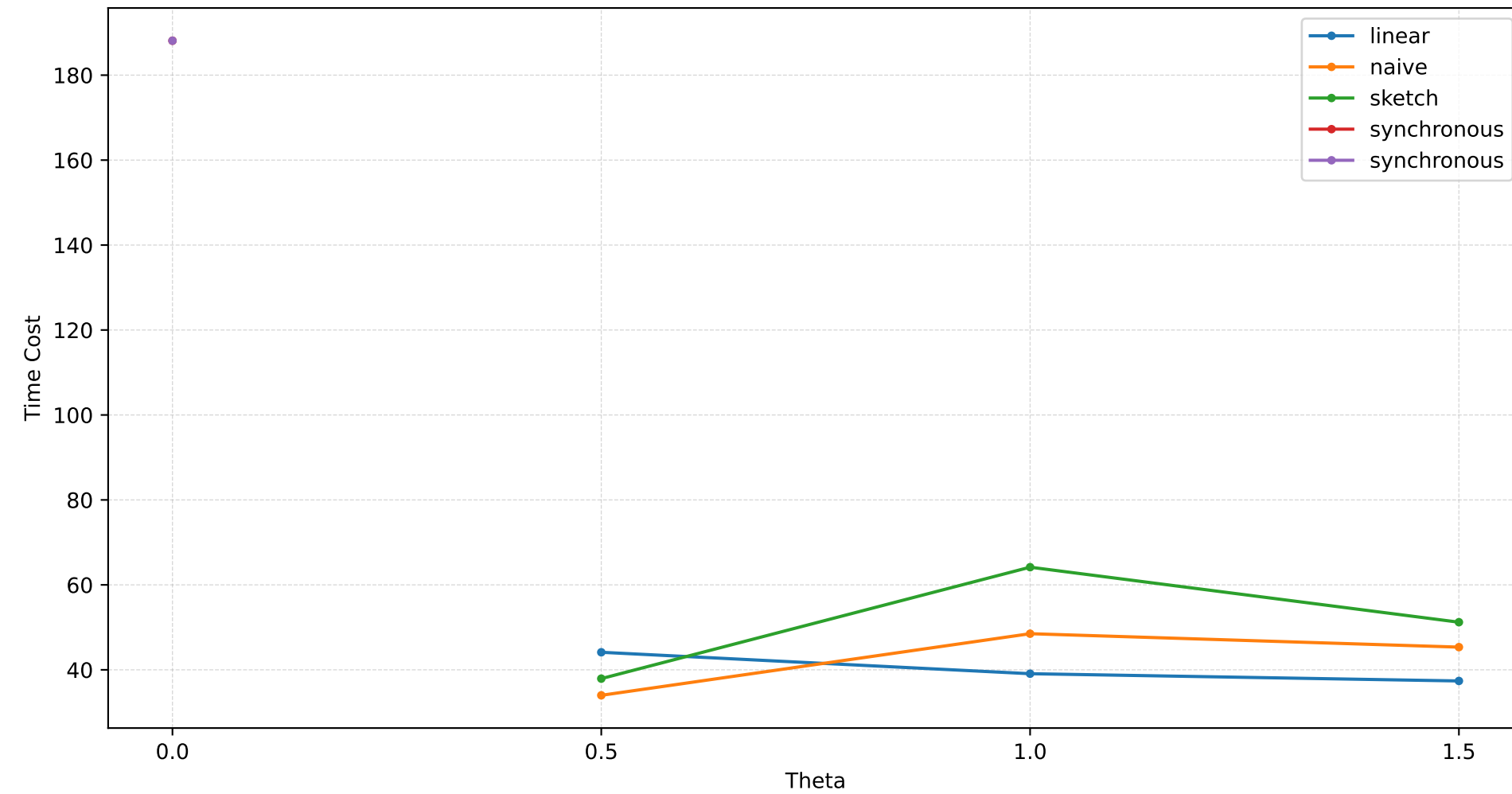


Hypercube Communication Model

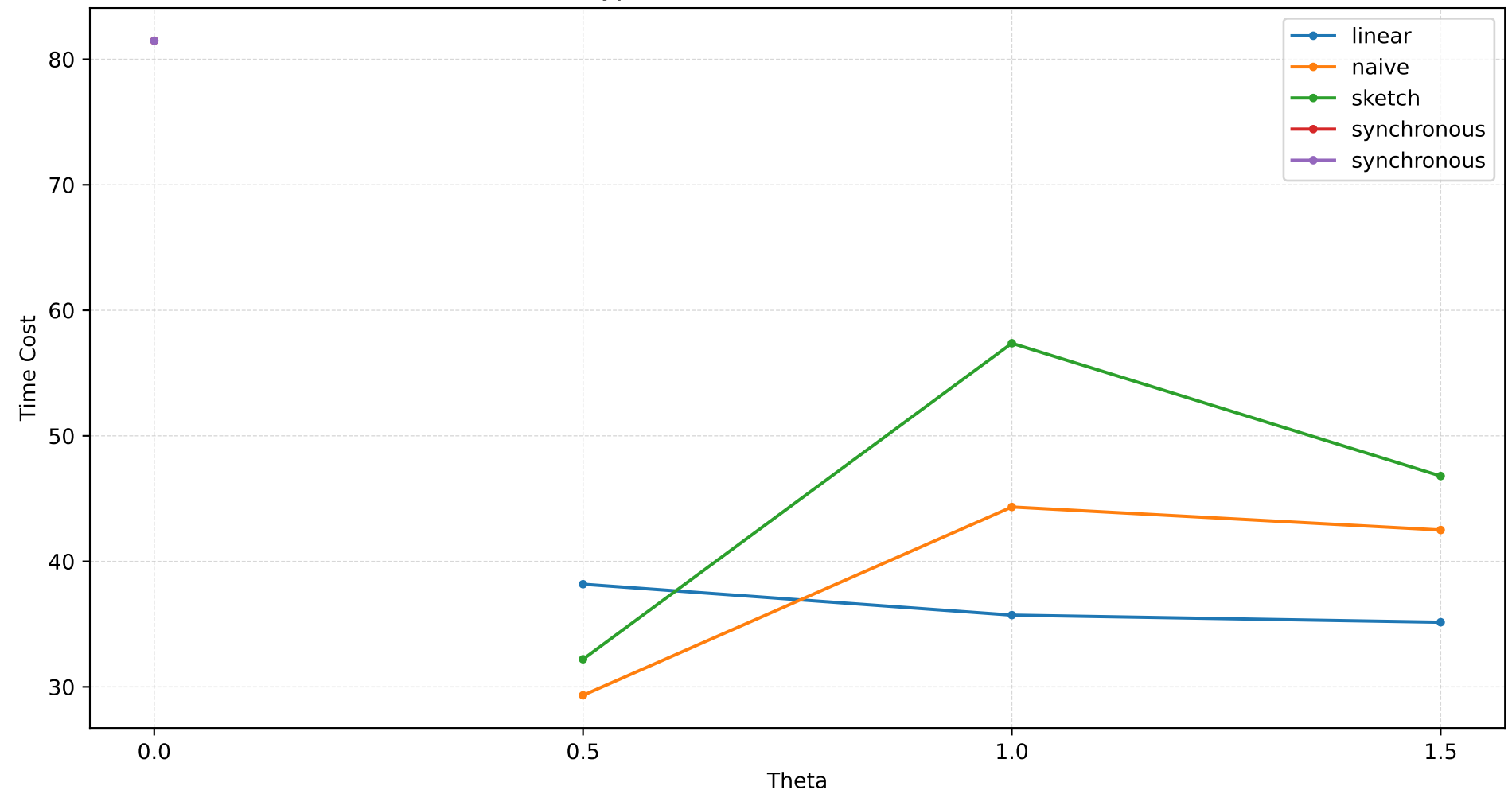


Num Clients : 10 , Batch Size : 32

Common Channel Communication Model

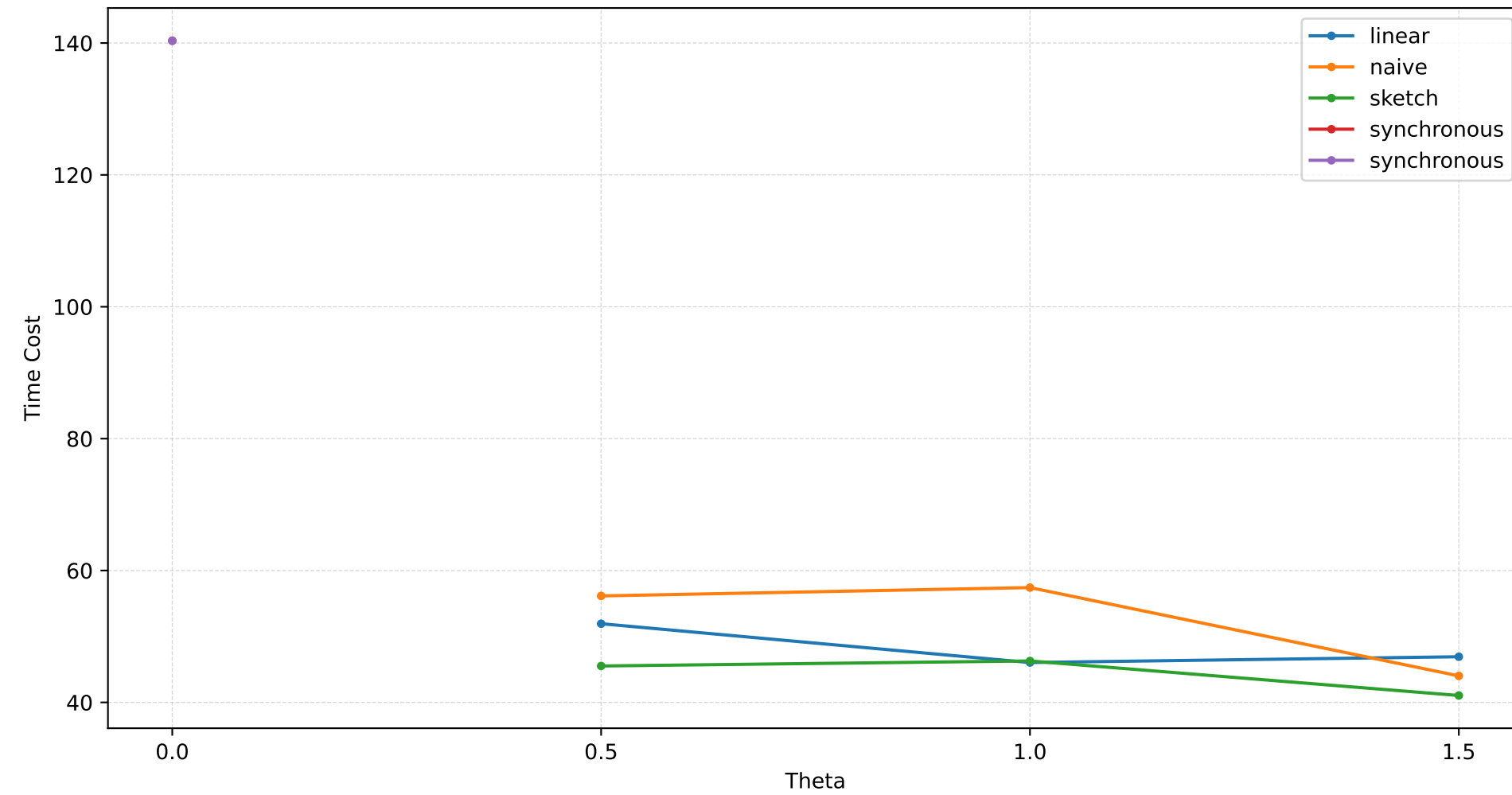


Hypercube Communication Model

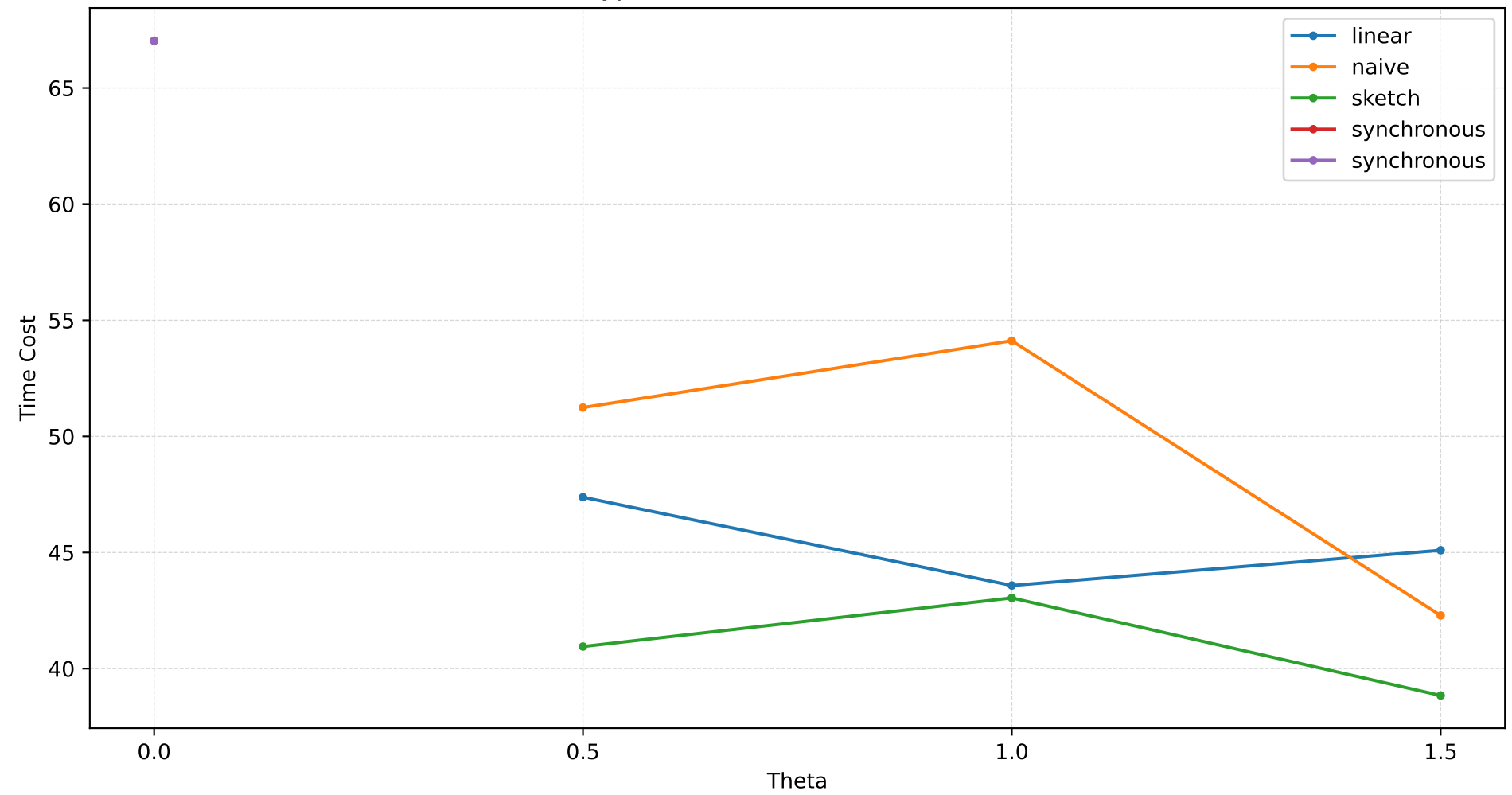


Num Clients : 10 , Batch Size : 64

Common Channel Communication Model

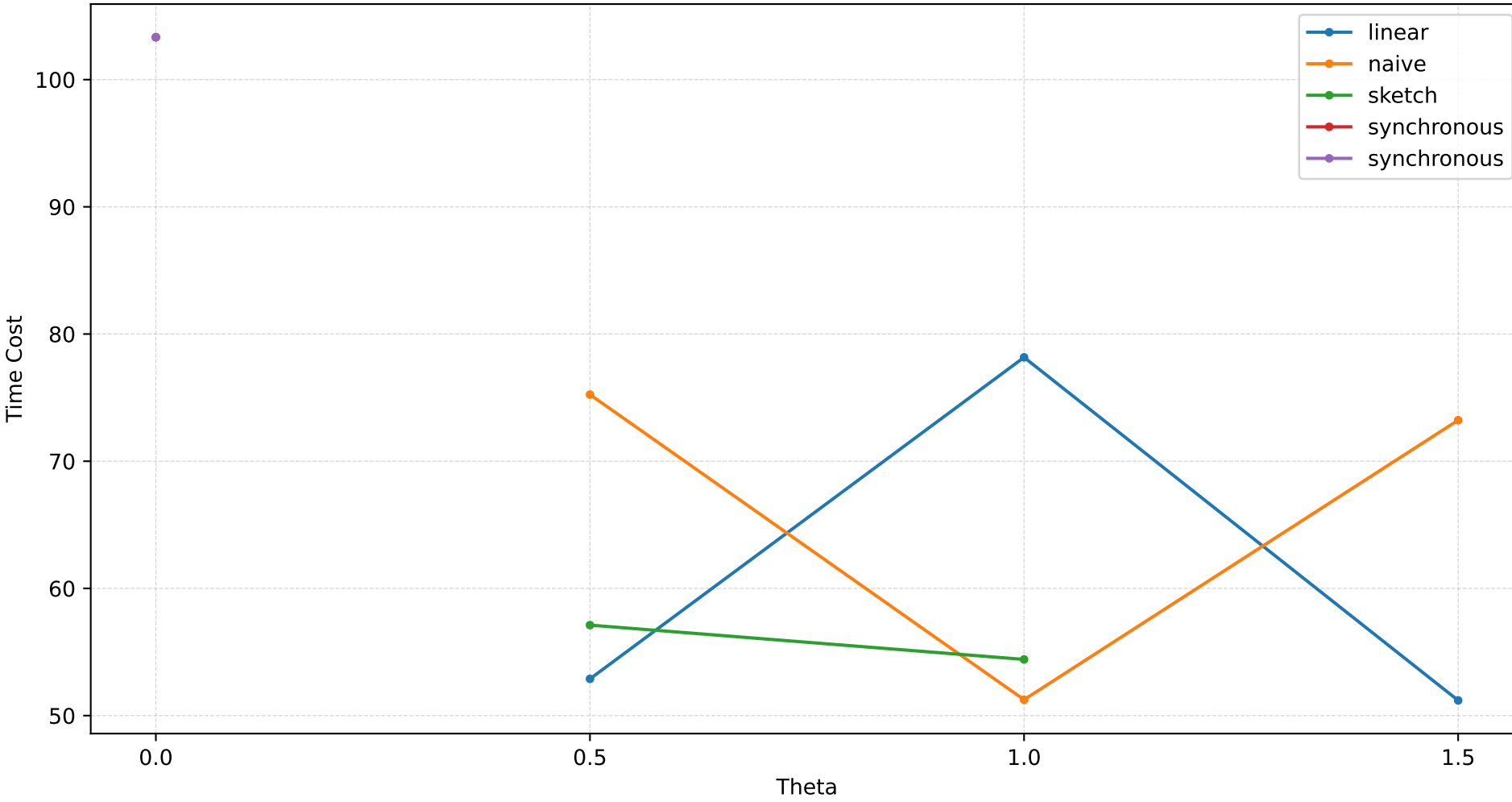


Hypercube Communication Model

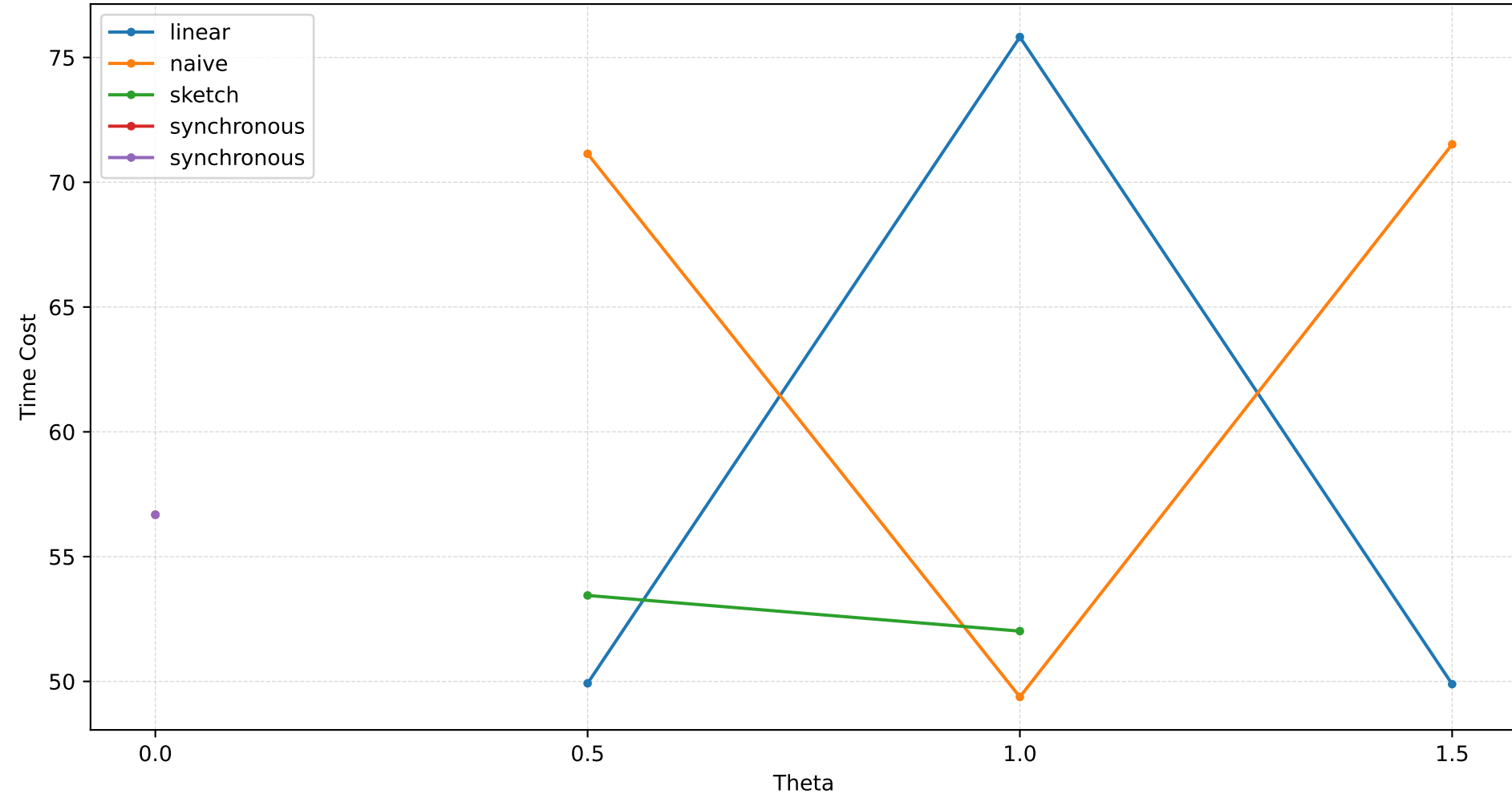


Num Clients : 10 , Batch Size : 128

Common Channel Communication Model

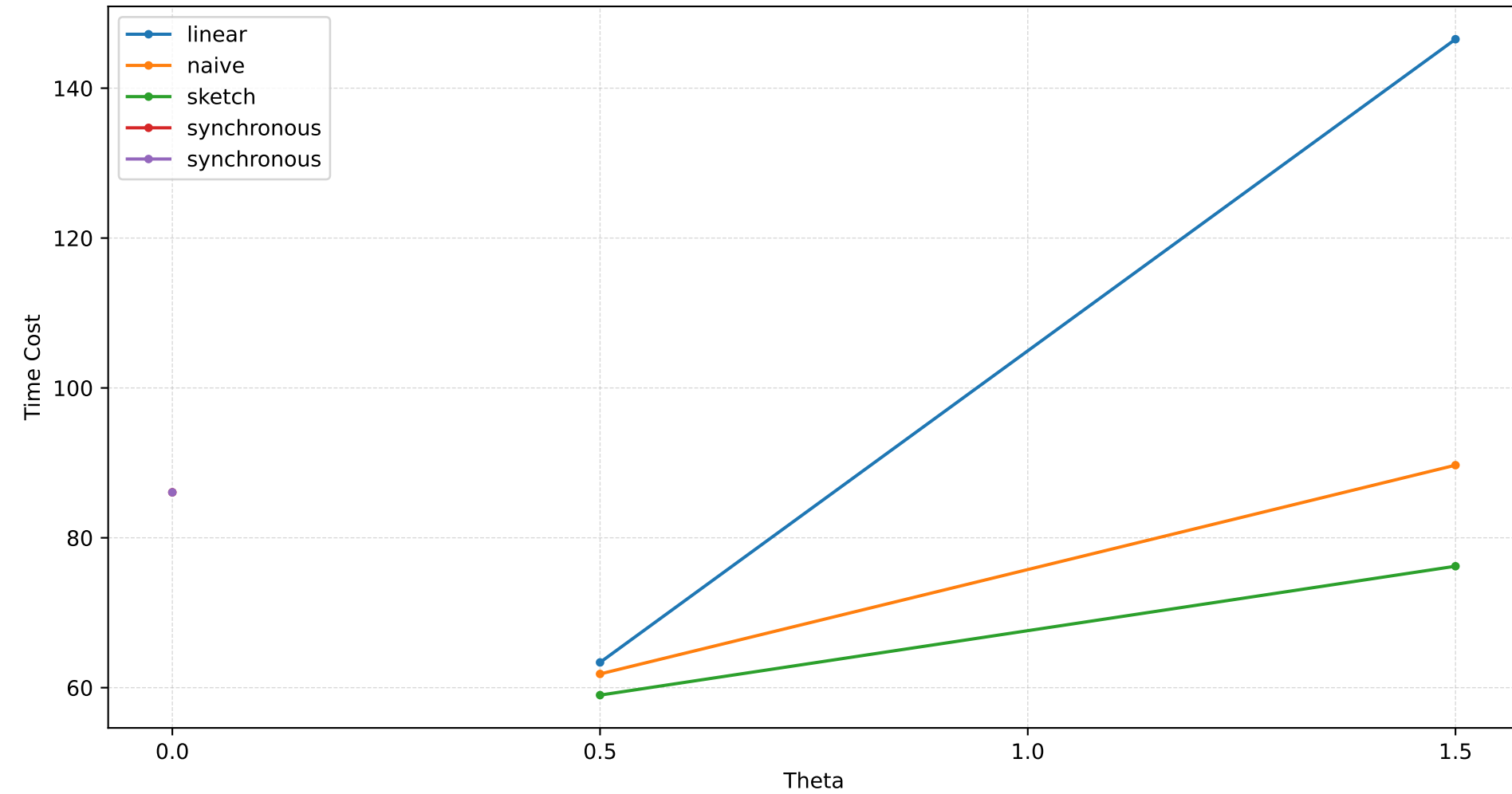


Hypercube Communication Model

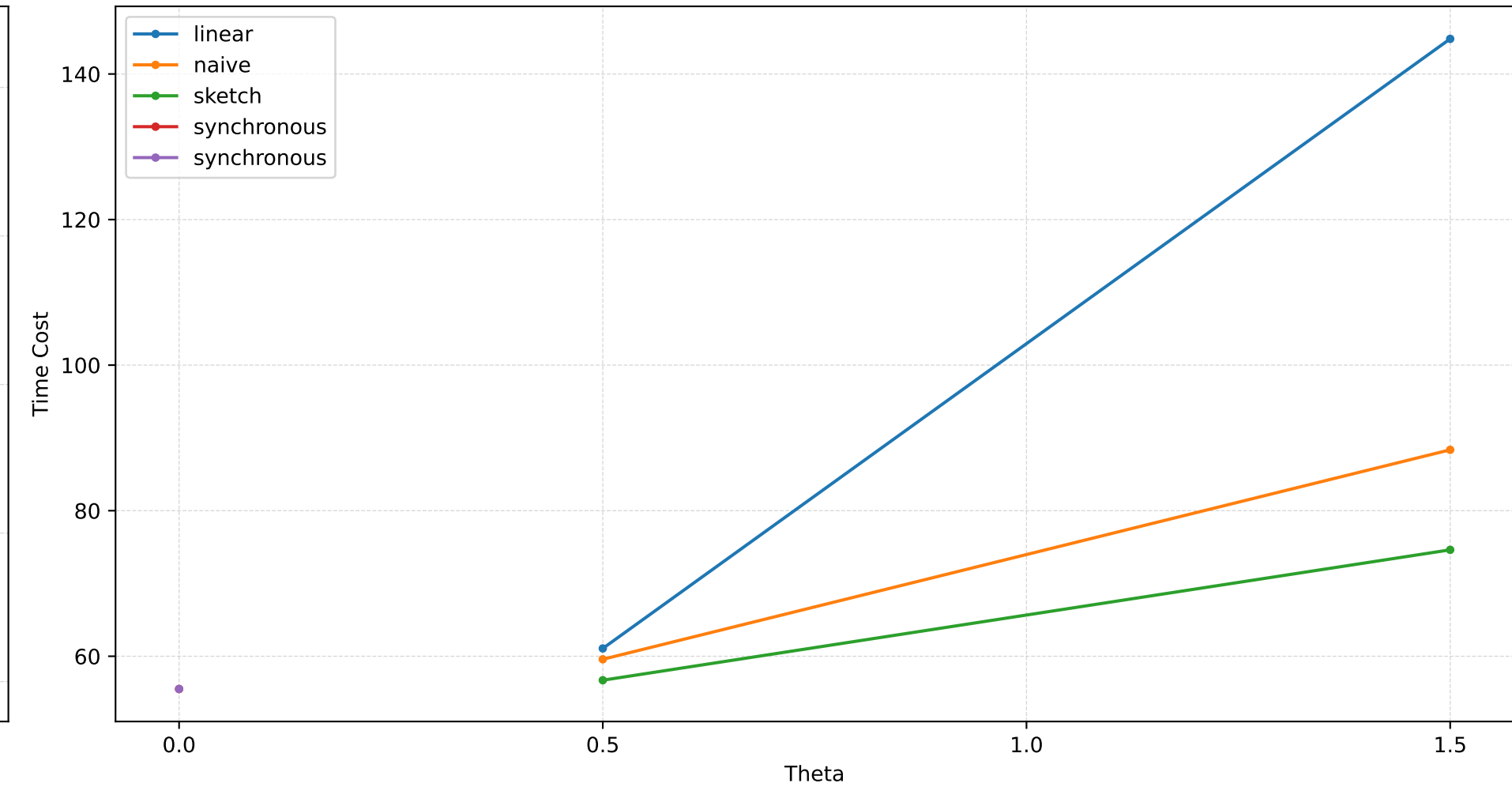


Num Clients : 10 , Batch Size : 256

Common Channel Communication Model



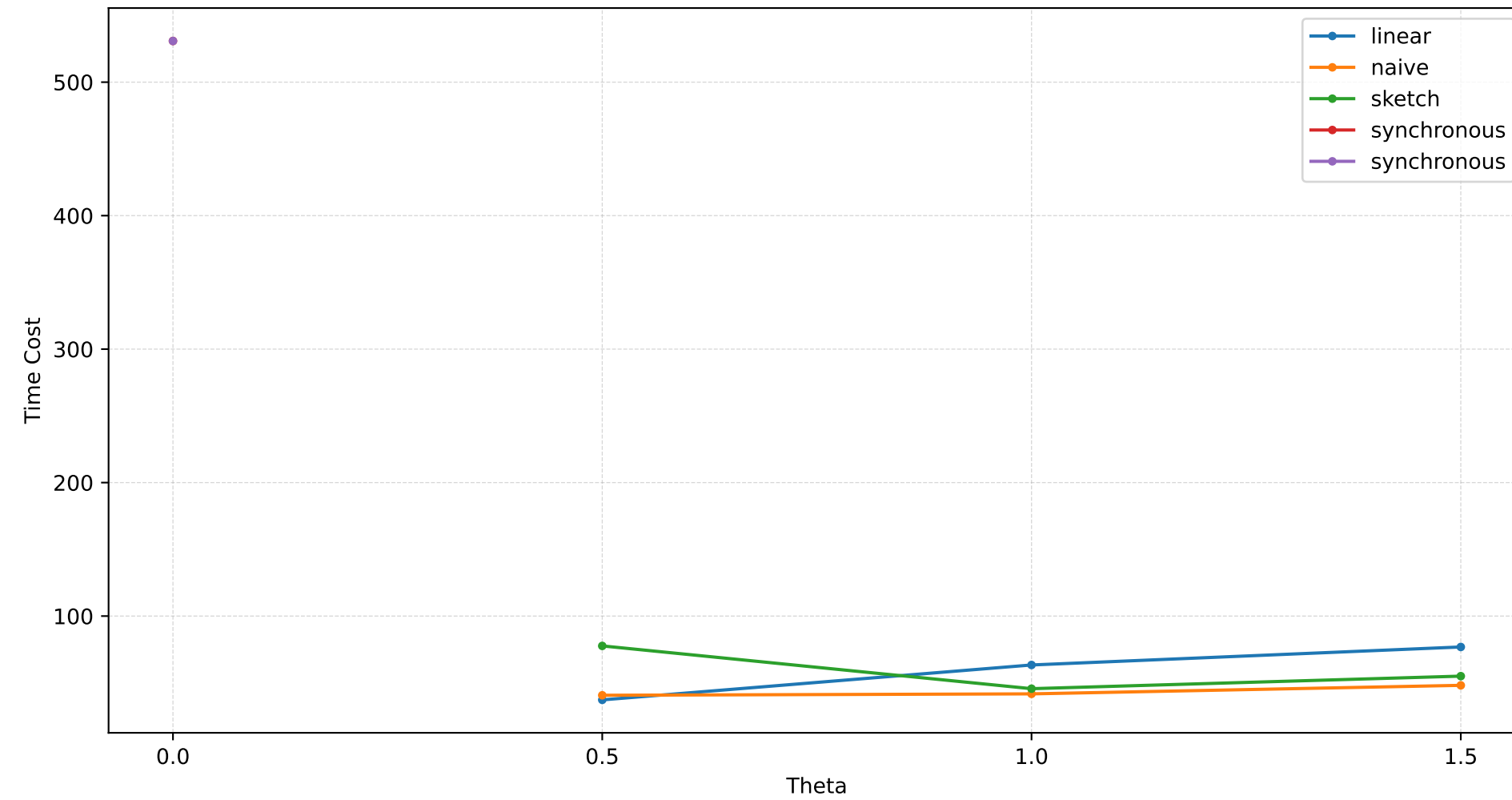
Hypercube Communication Model



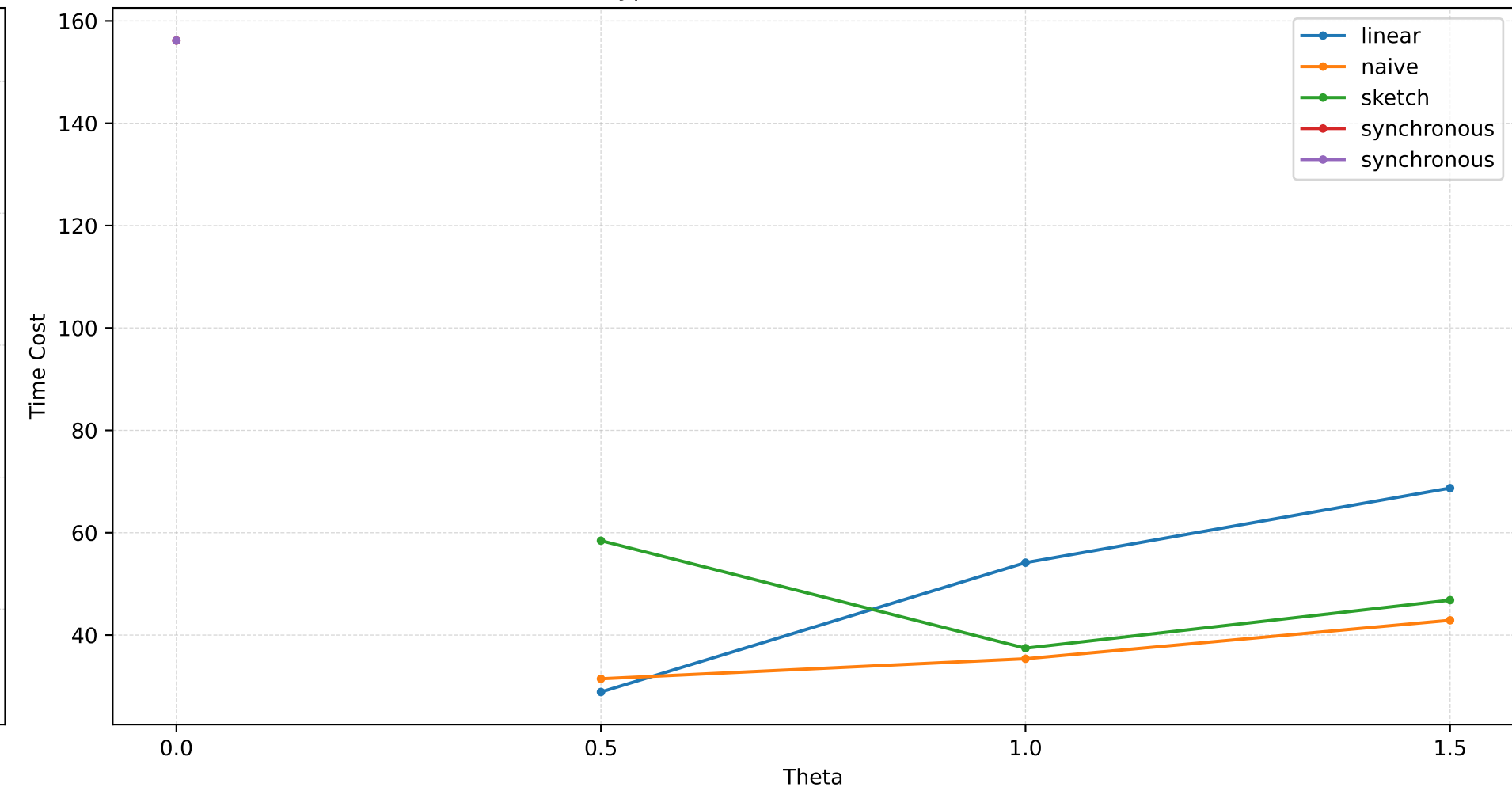


Num Clients : 15 , Batch Size : 32

Common Channel Communication Model

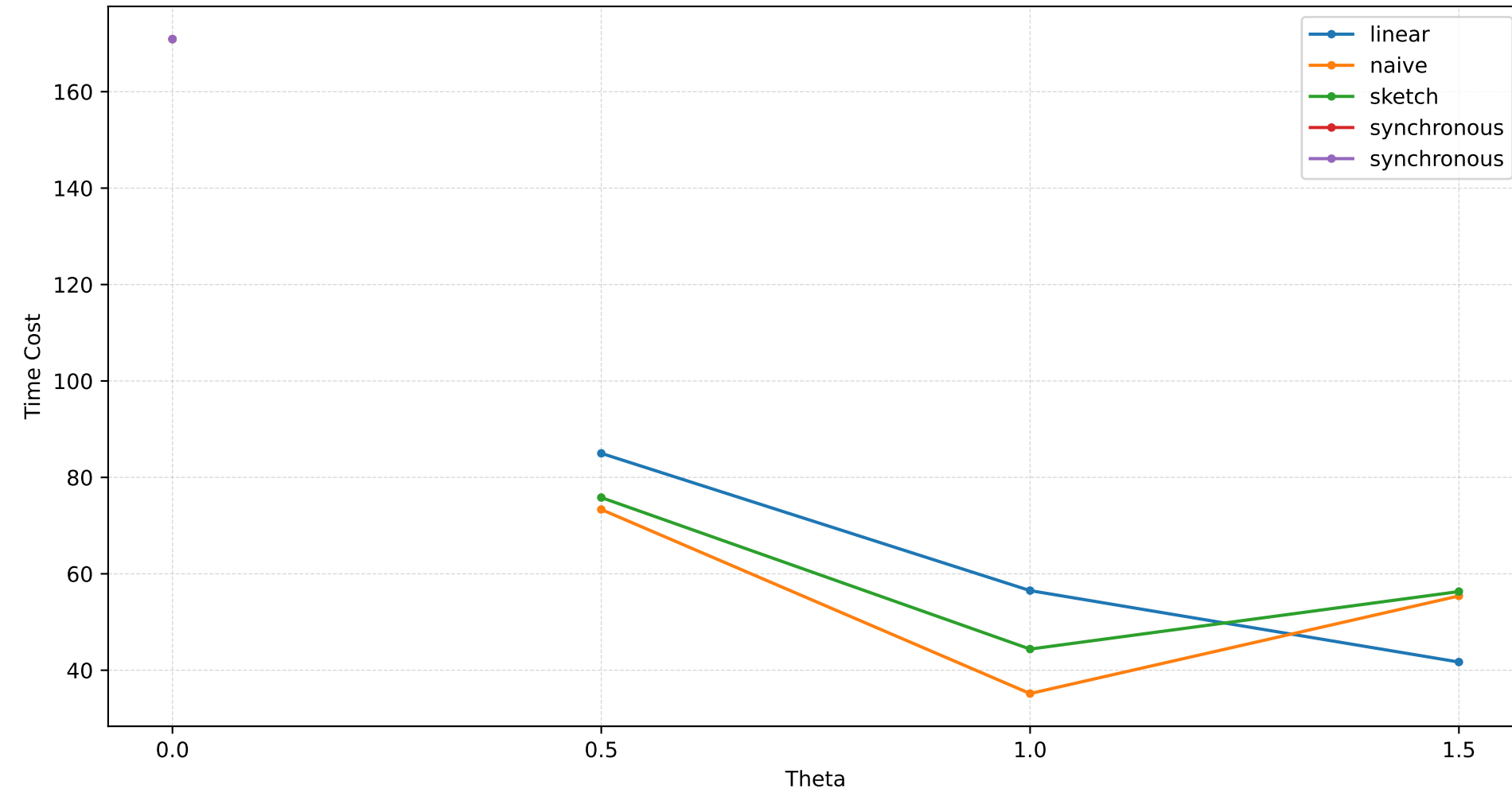


Hypercube Communication Model

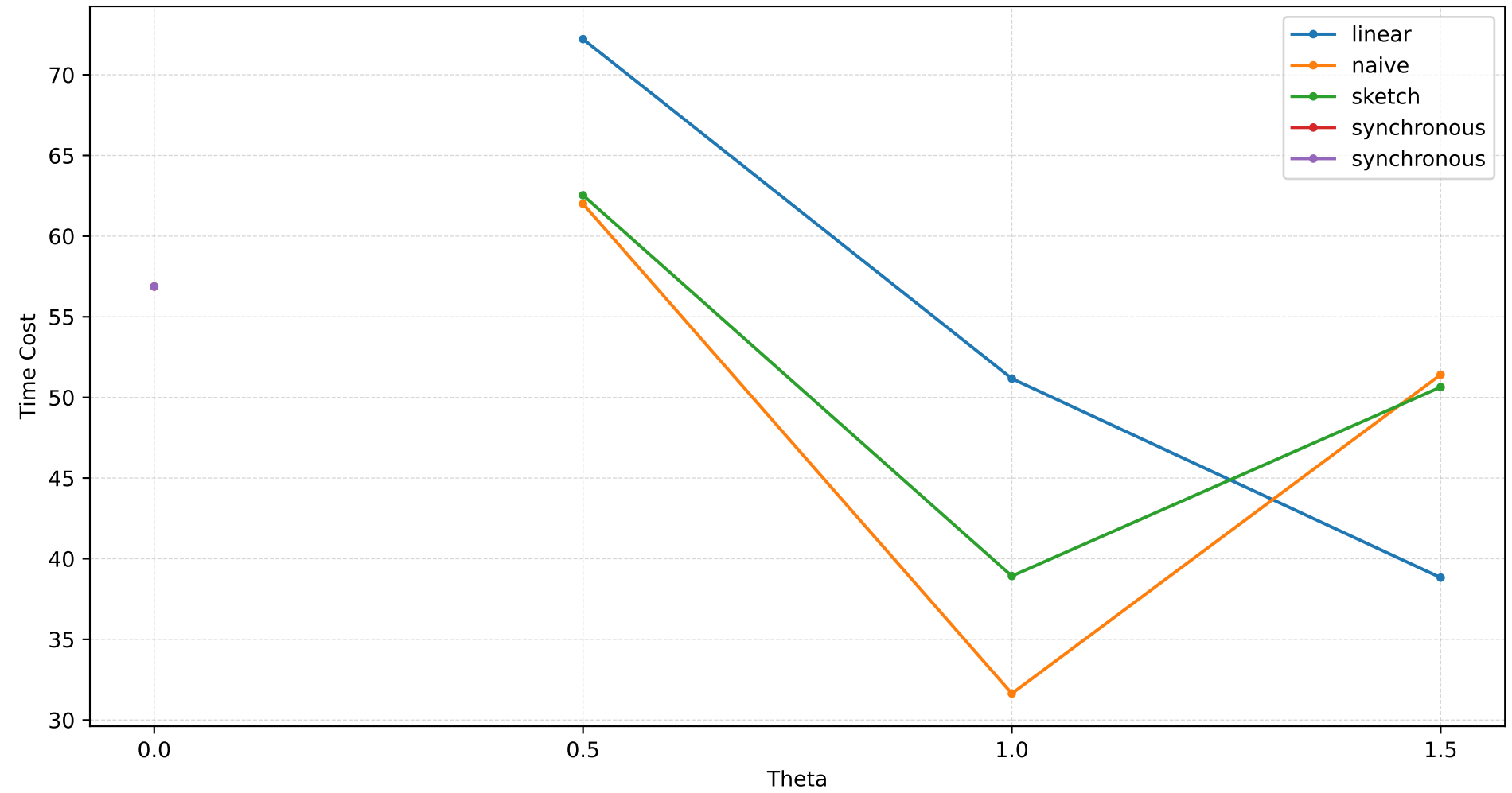


Num Clients : 15 , Batch Size : 64

Common Channel Communication Model

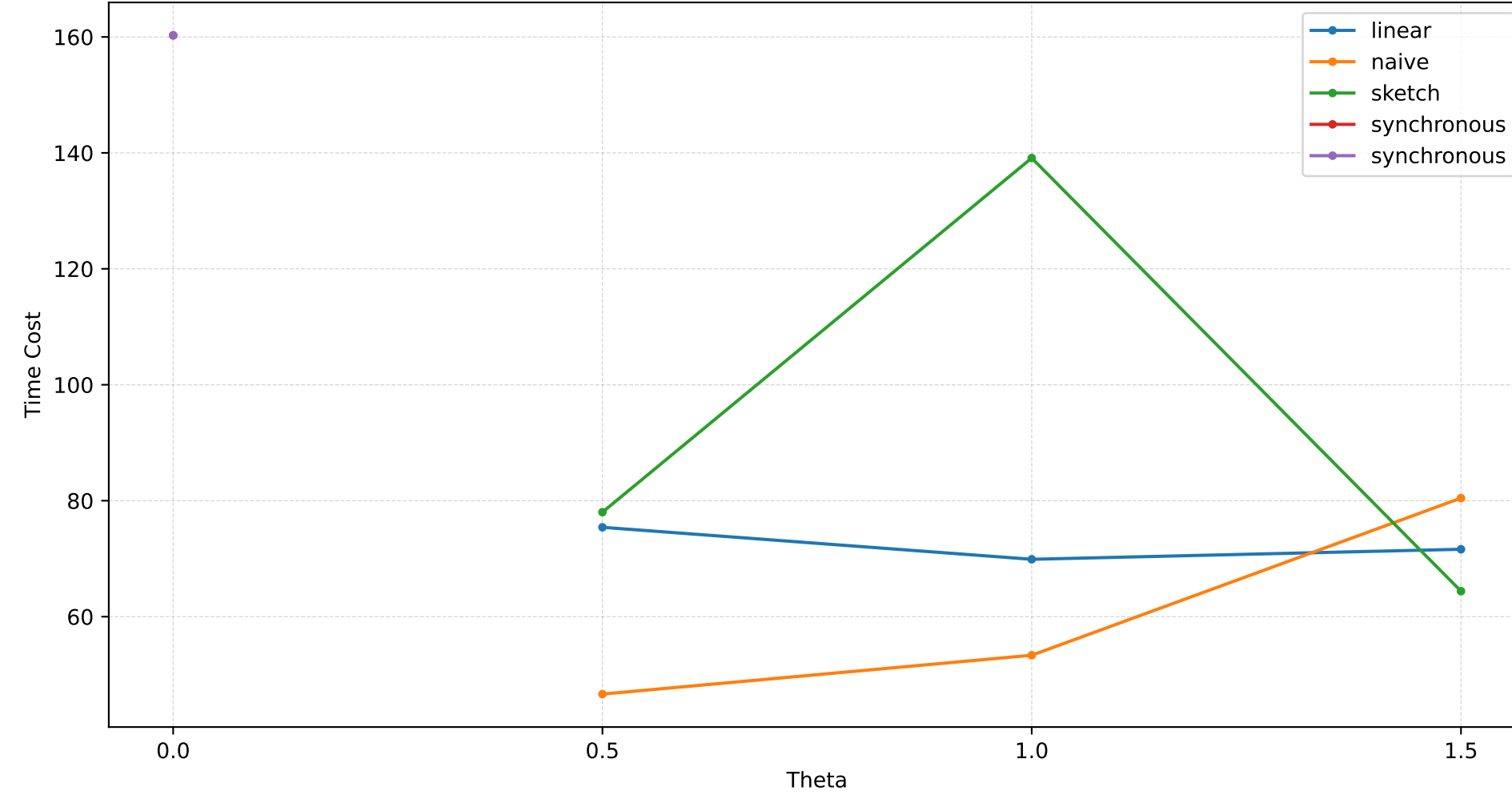


Hypercube Communication Model

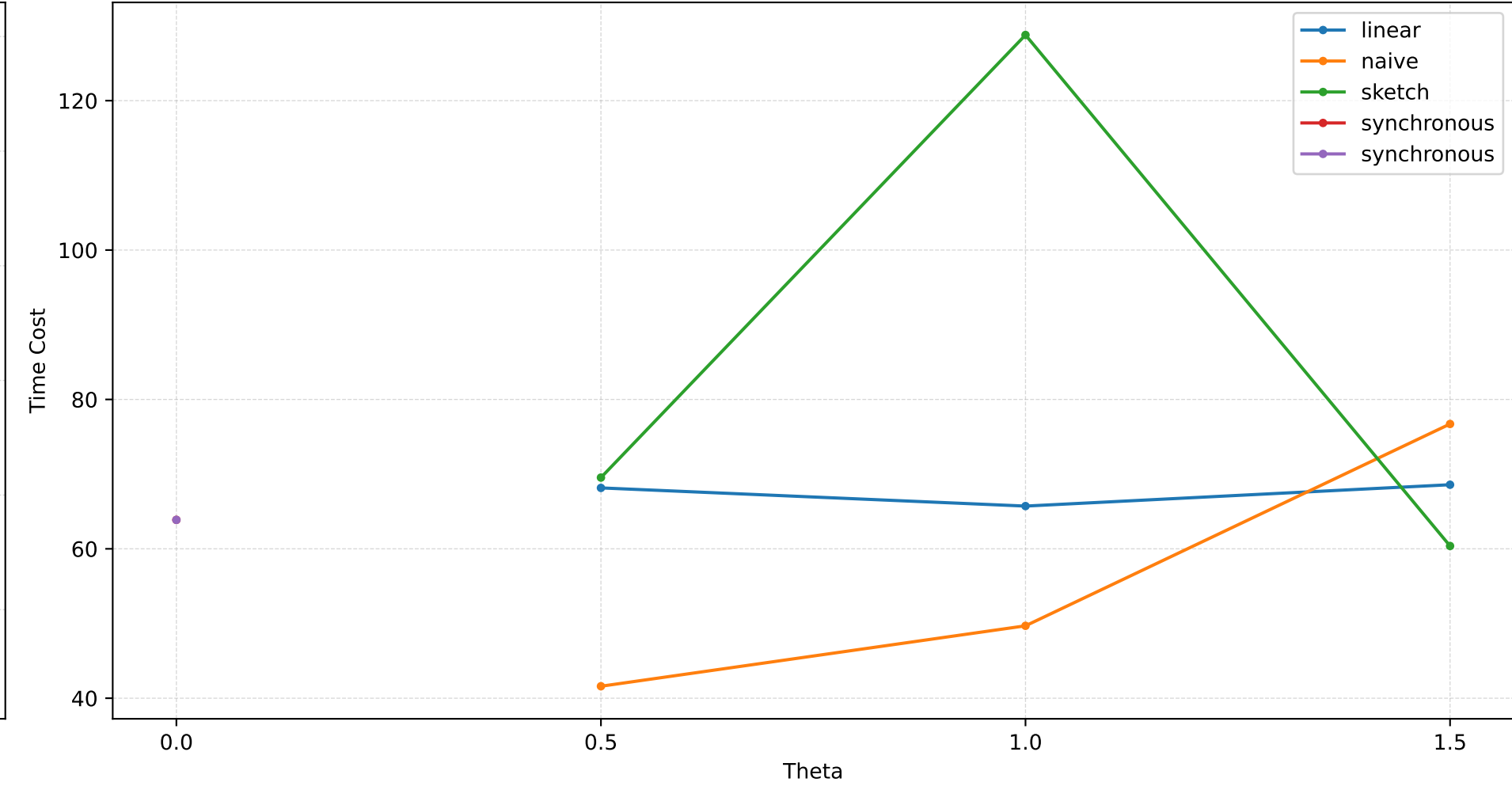


Num Clients : 15 , Batch Size : 128

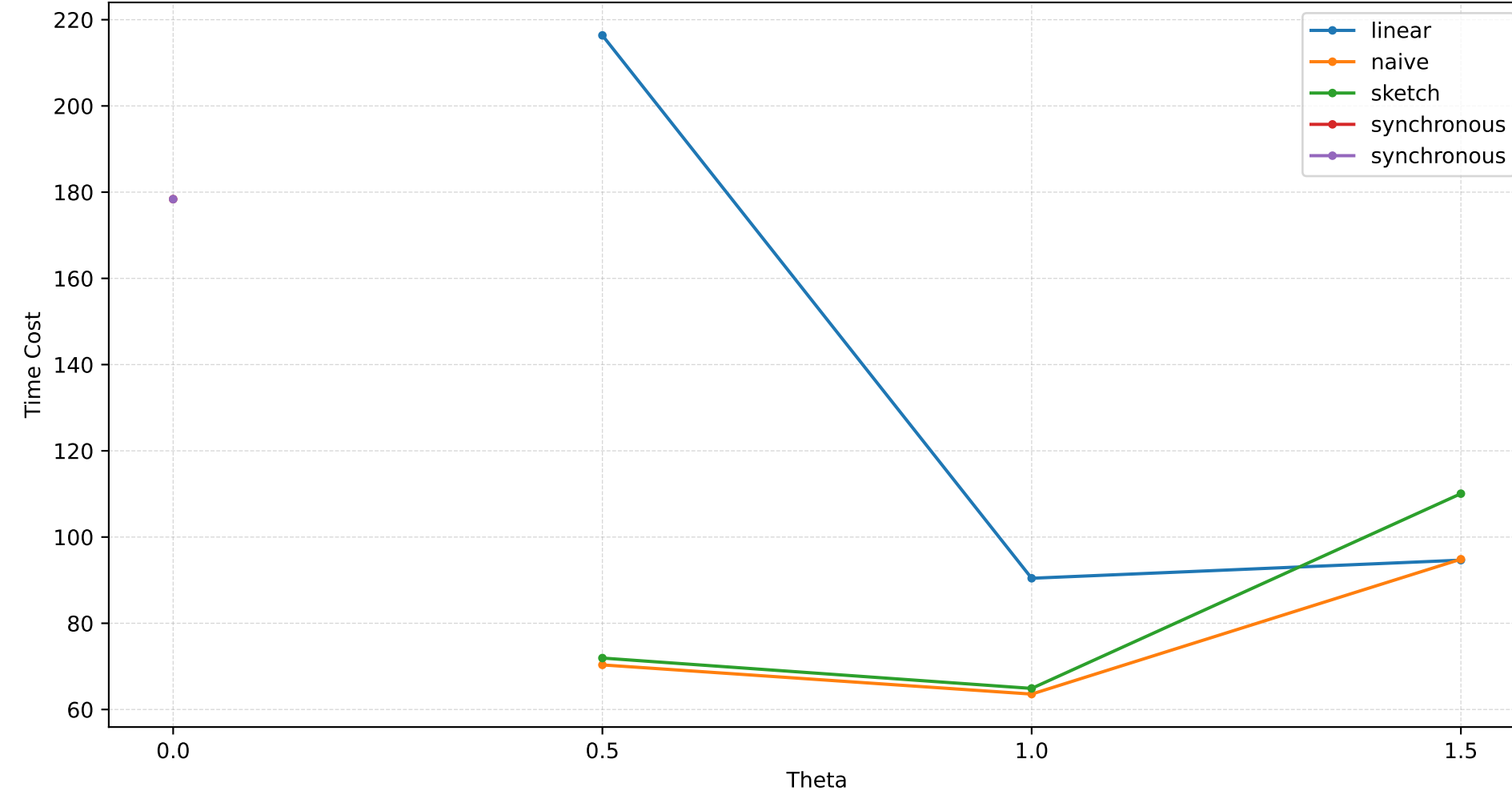
Common Channel Communication Model



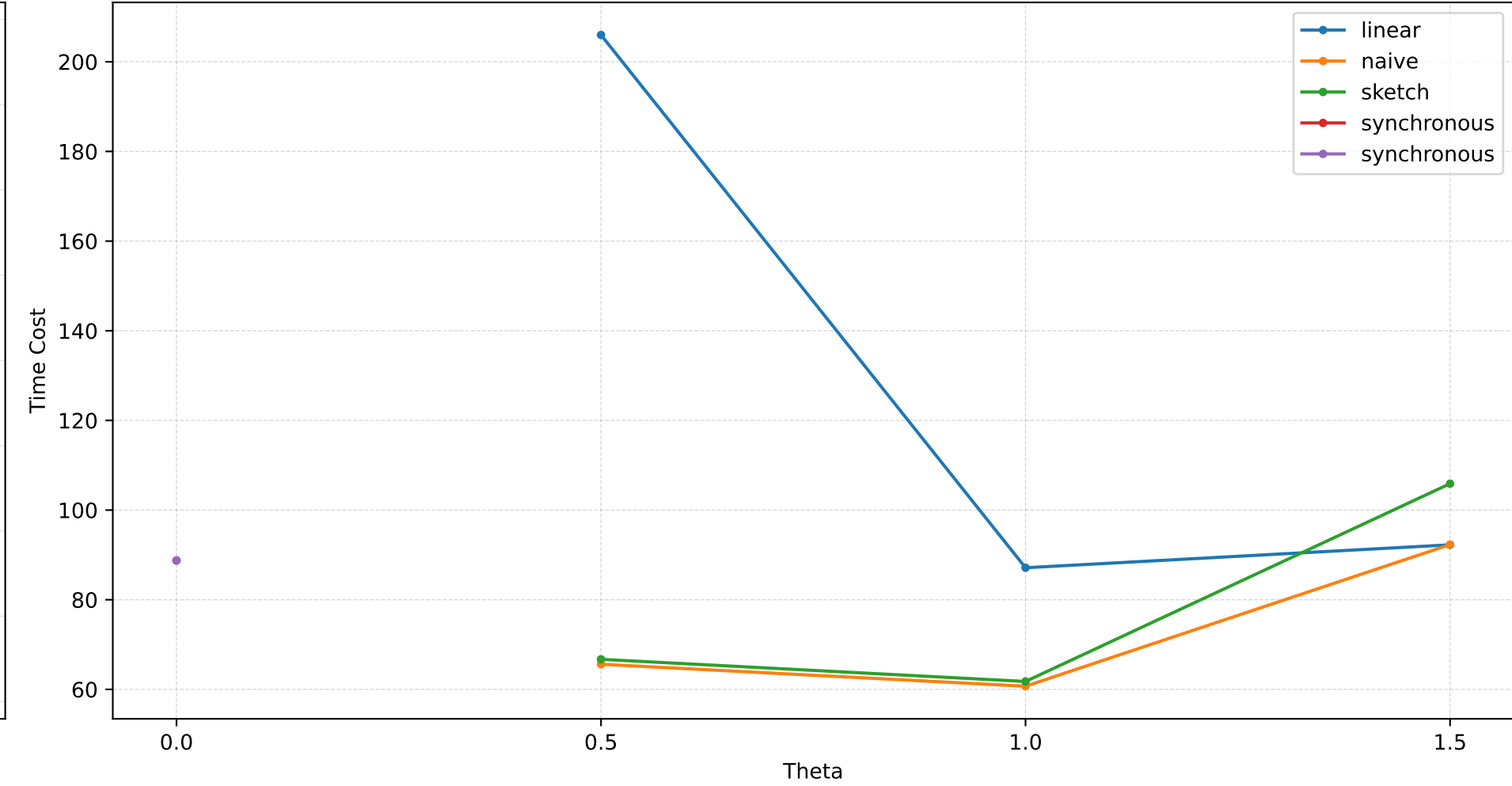
Hypercube Communication Model



Common Channel Communication Model

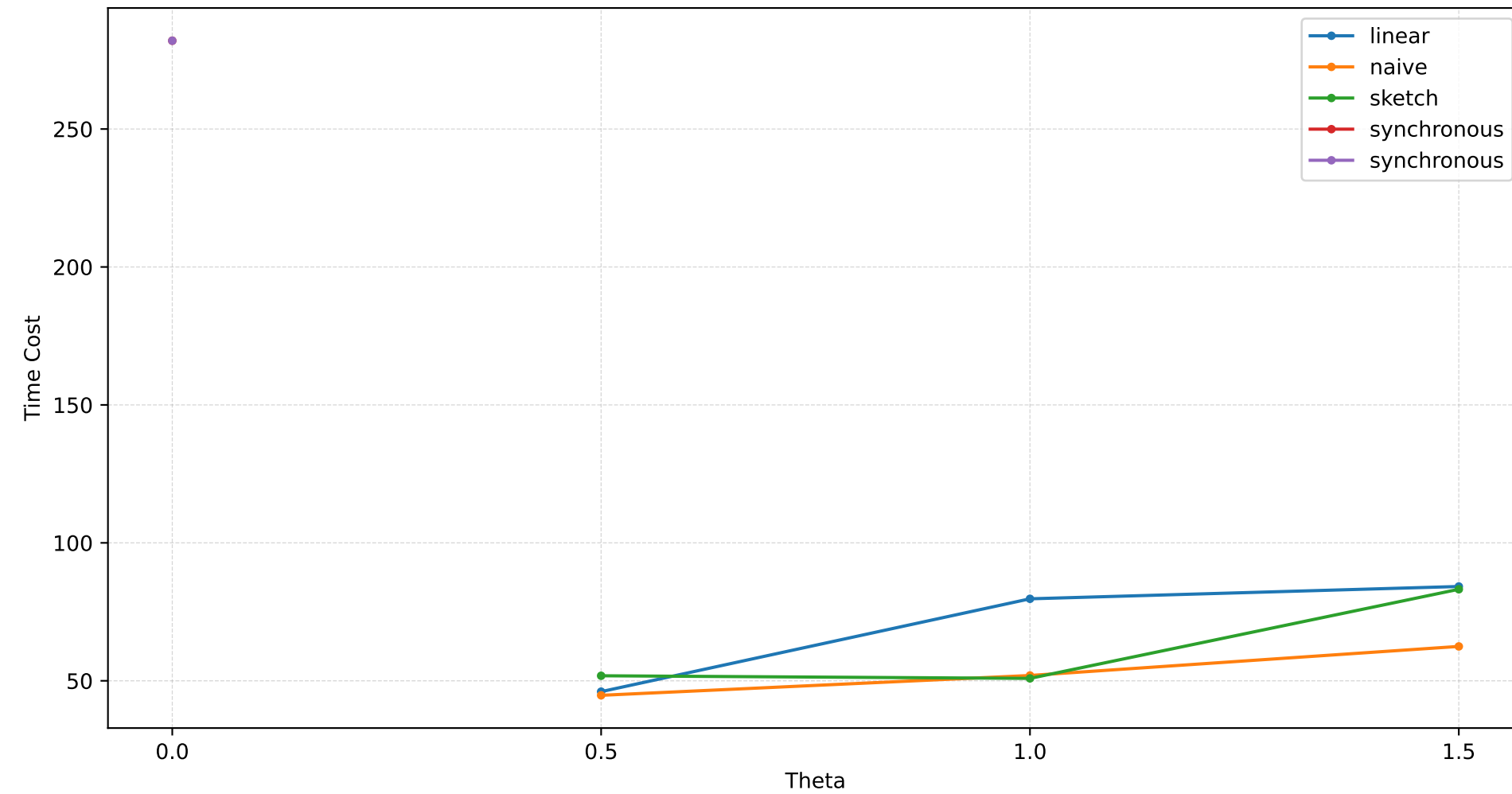


Hypercube Communication Model

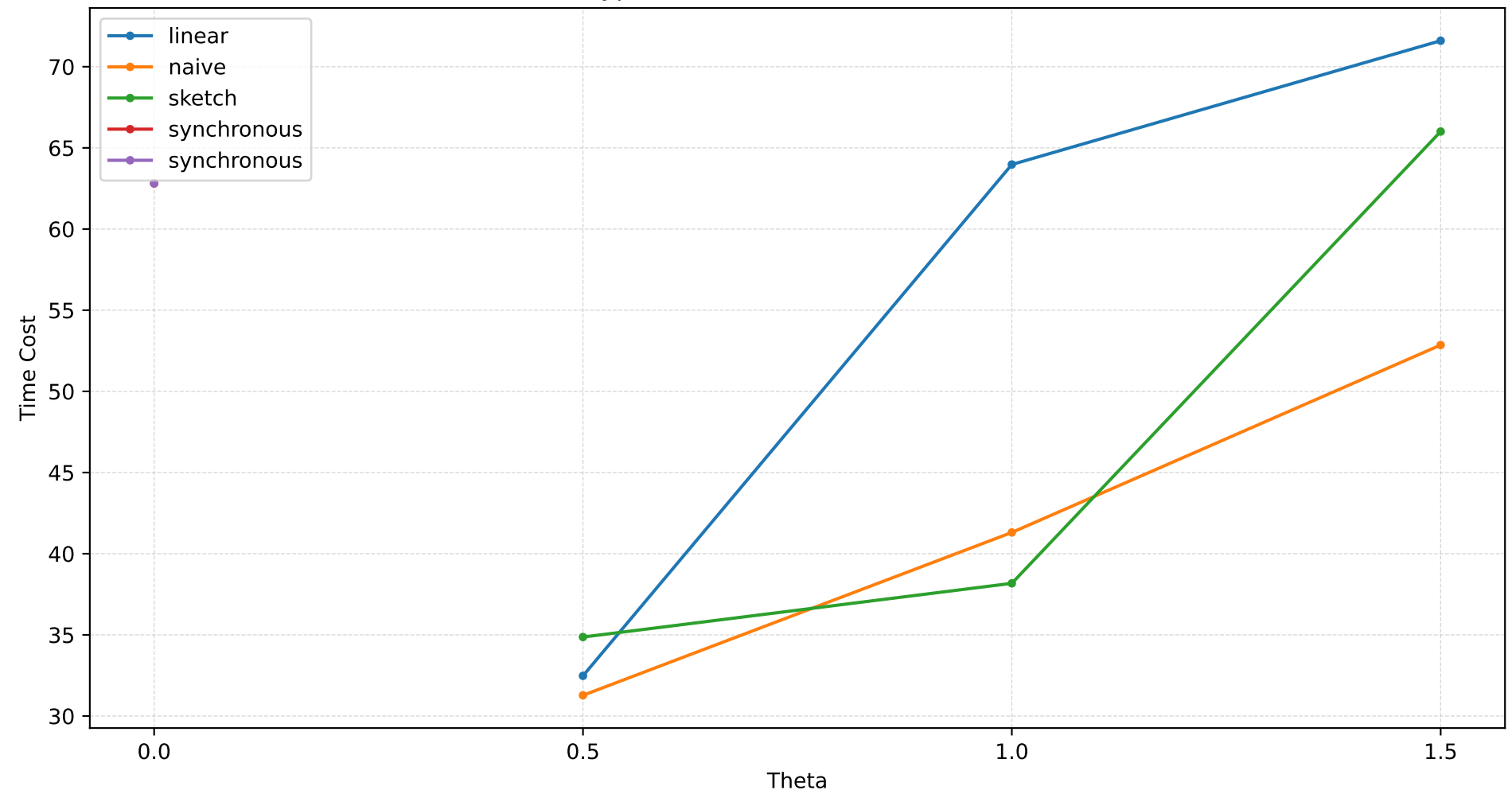


Num Clients : 20 , Batch Size : 32

Common Channel Communication Model

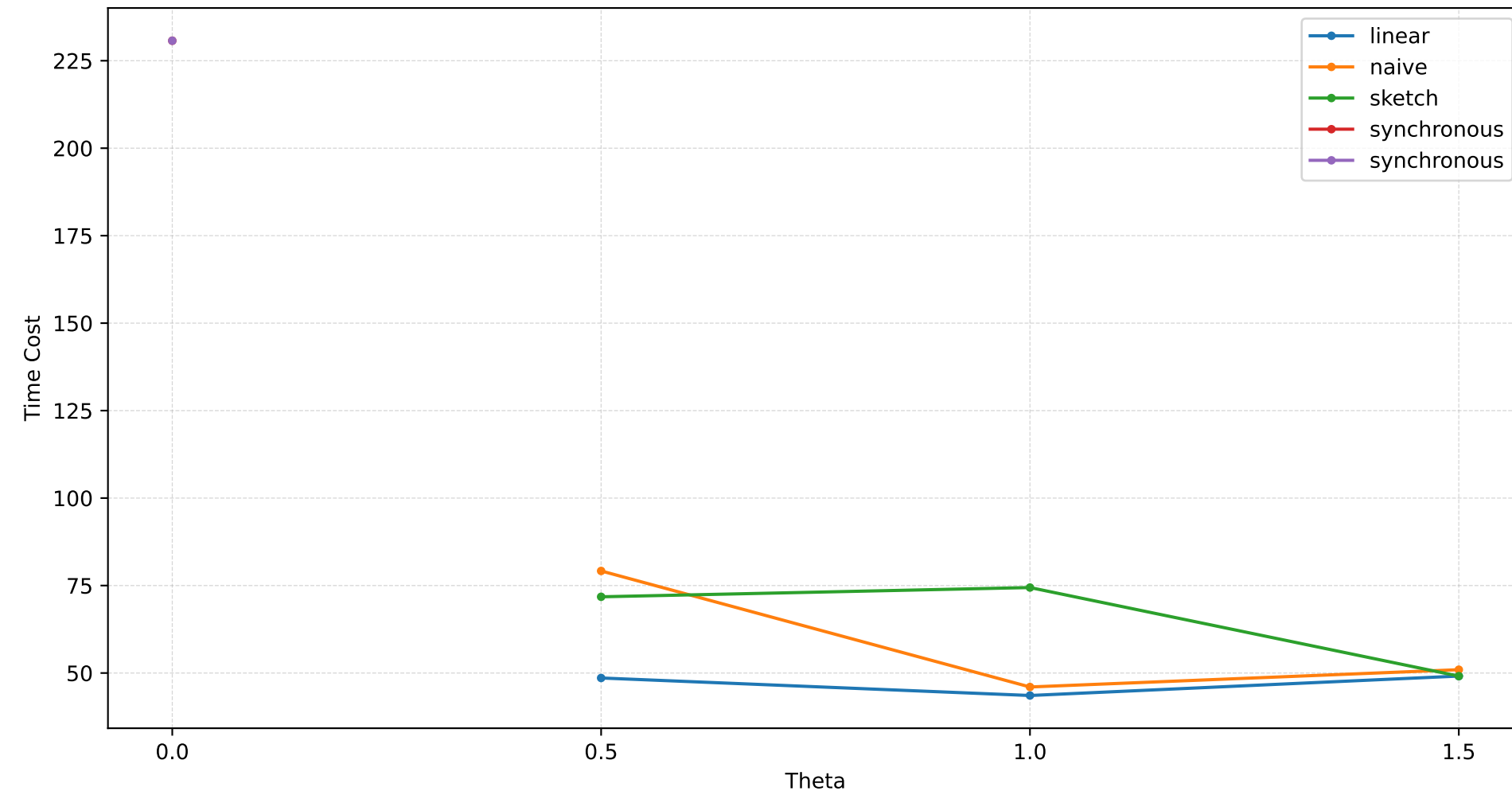


Hypercube Communication Model

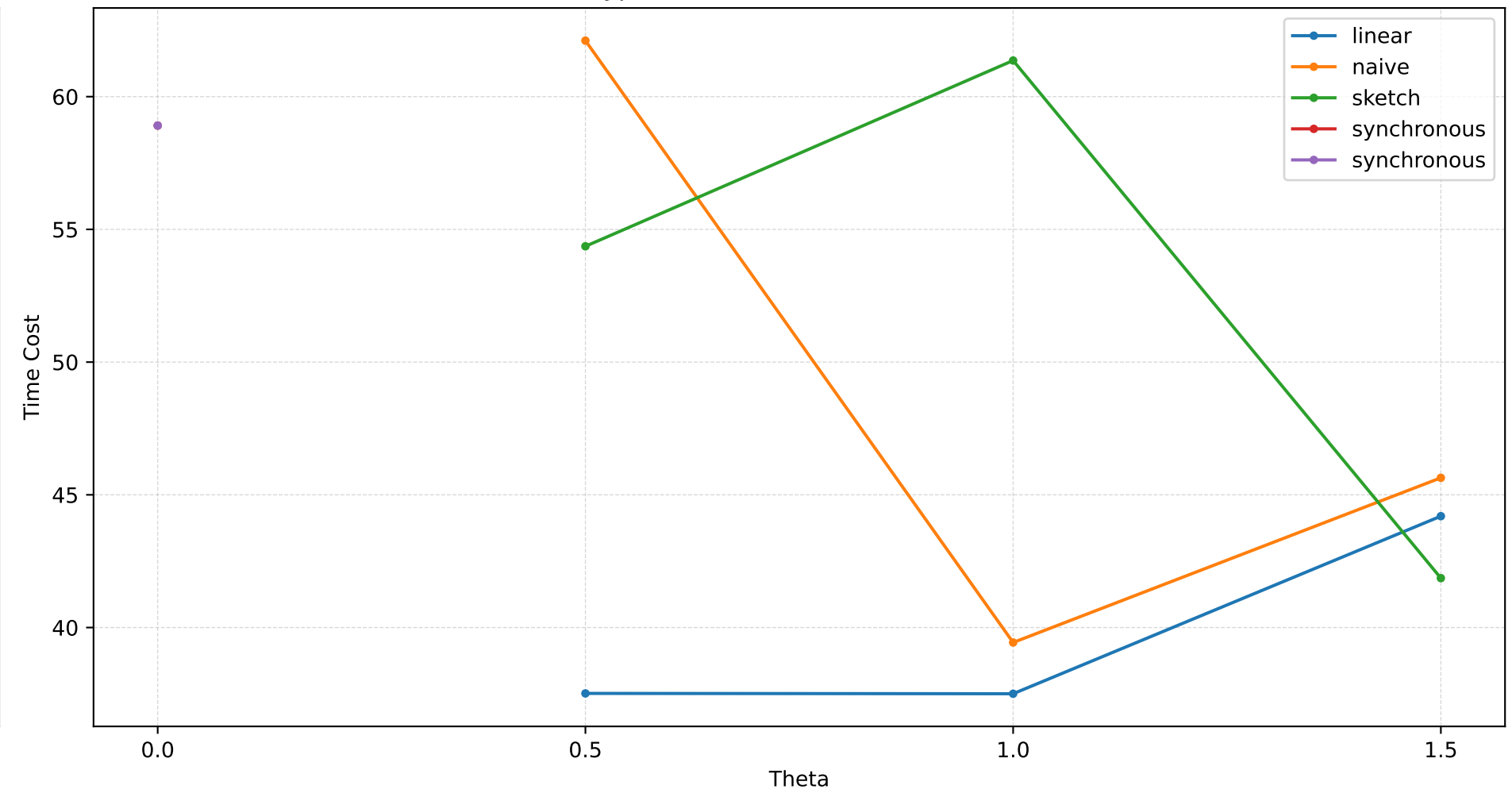


Num Clients : 20 , Batch Size : 64

Common Channel Communication Model

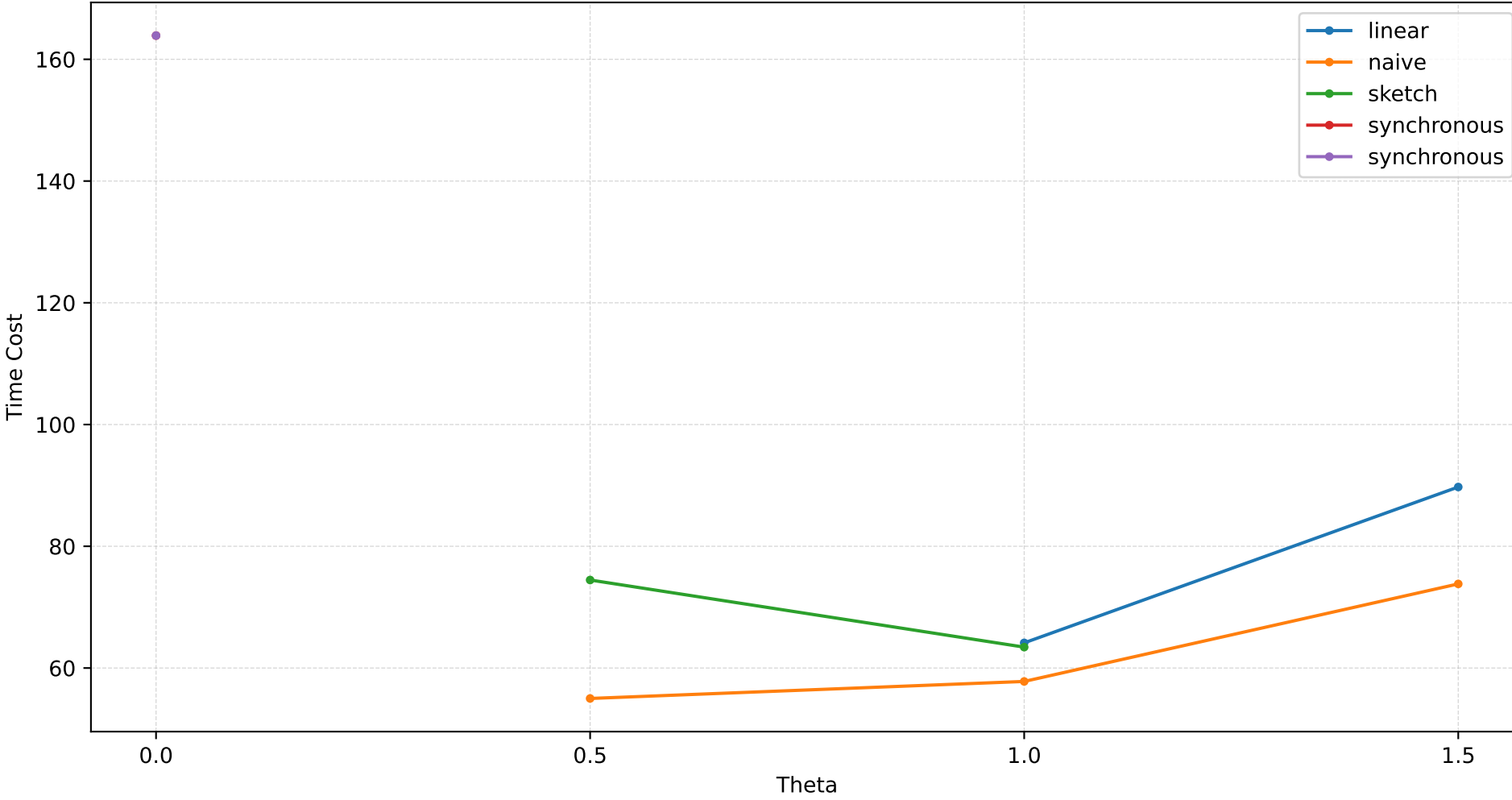


Hypercube Communication Model

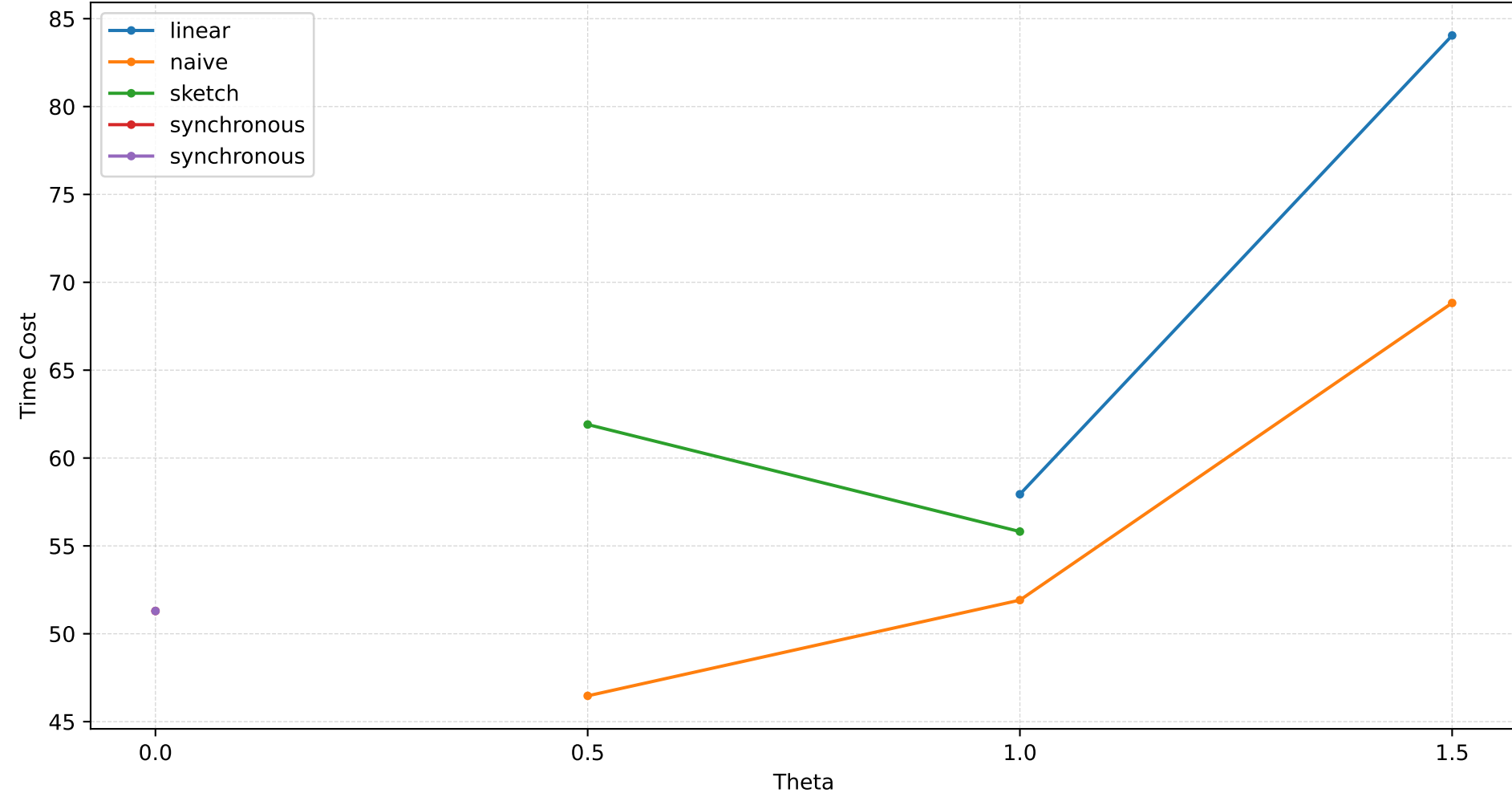


Num Clients : 20 , Batch Size : 128

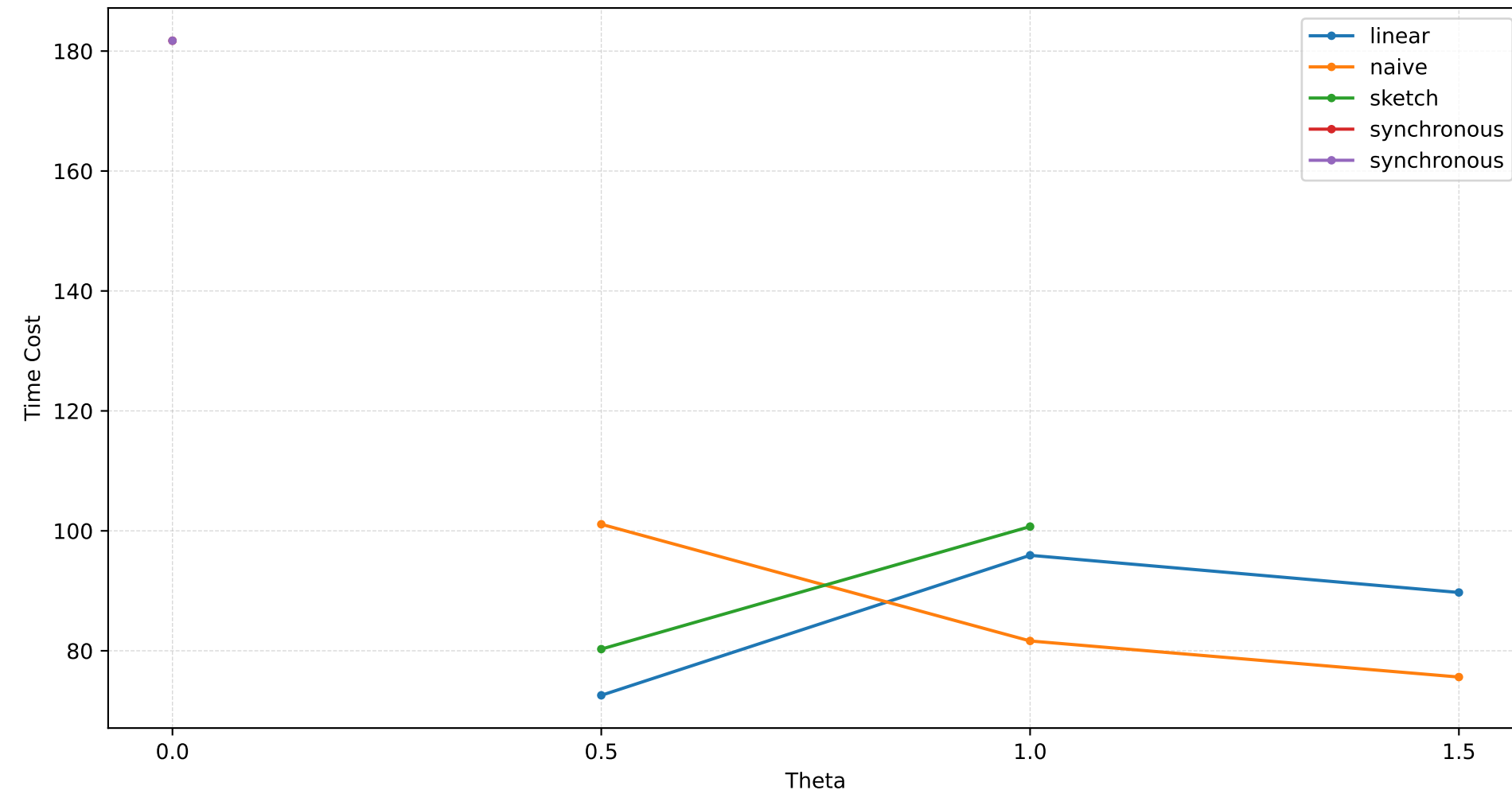
Common Channel Communication Model



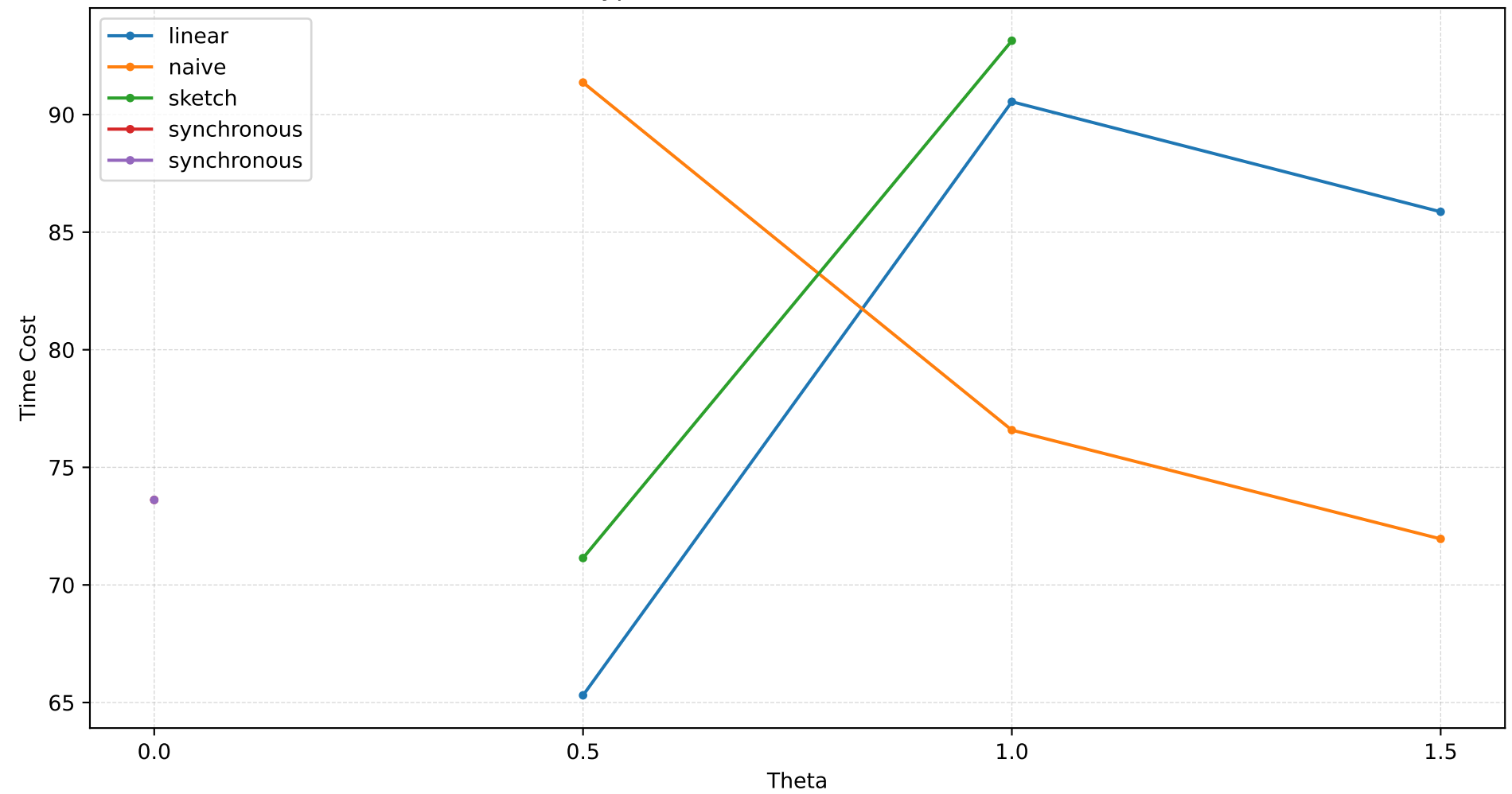
Hypercube Communication Model



Common Channel Communication Model



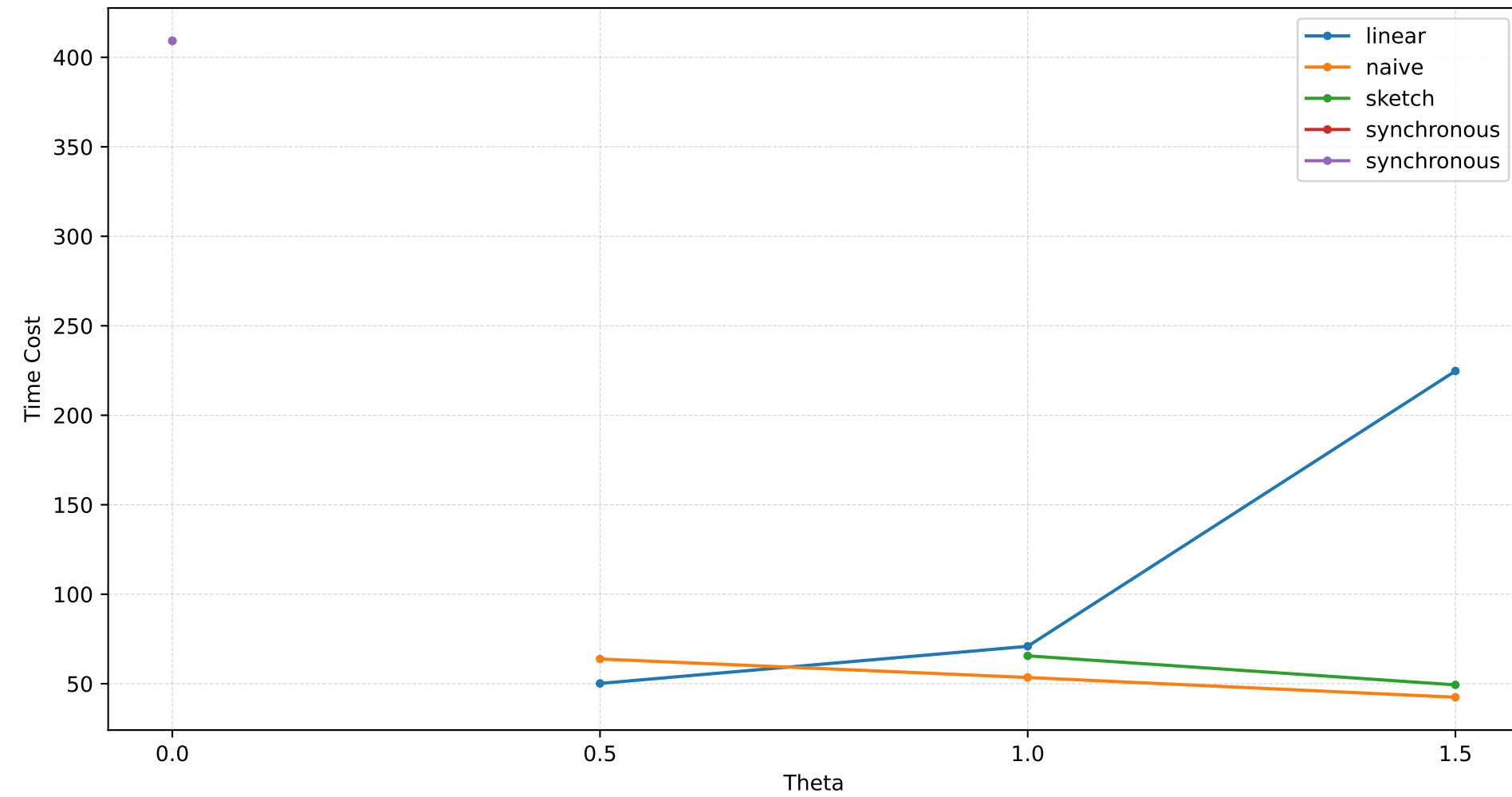
Hypercube Communication Model



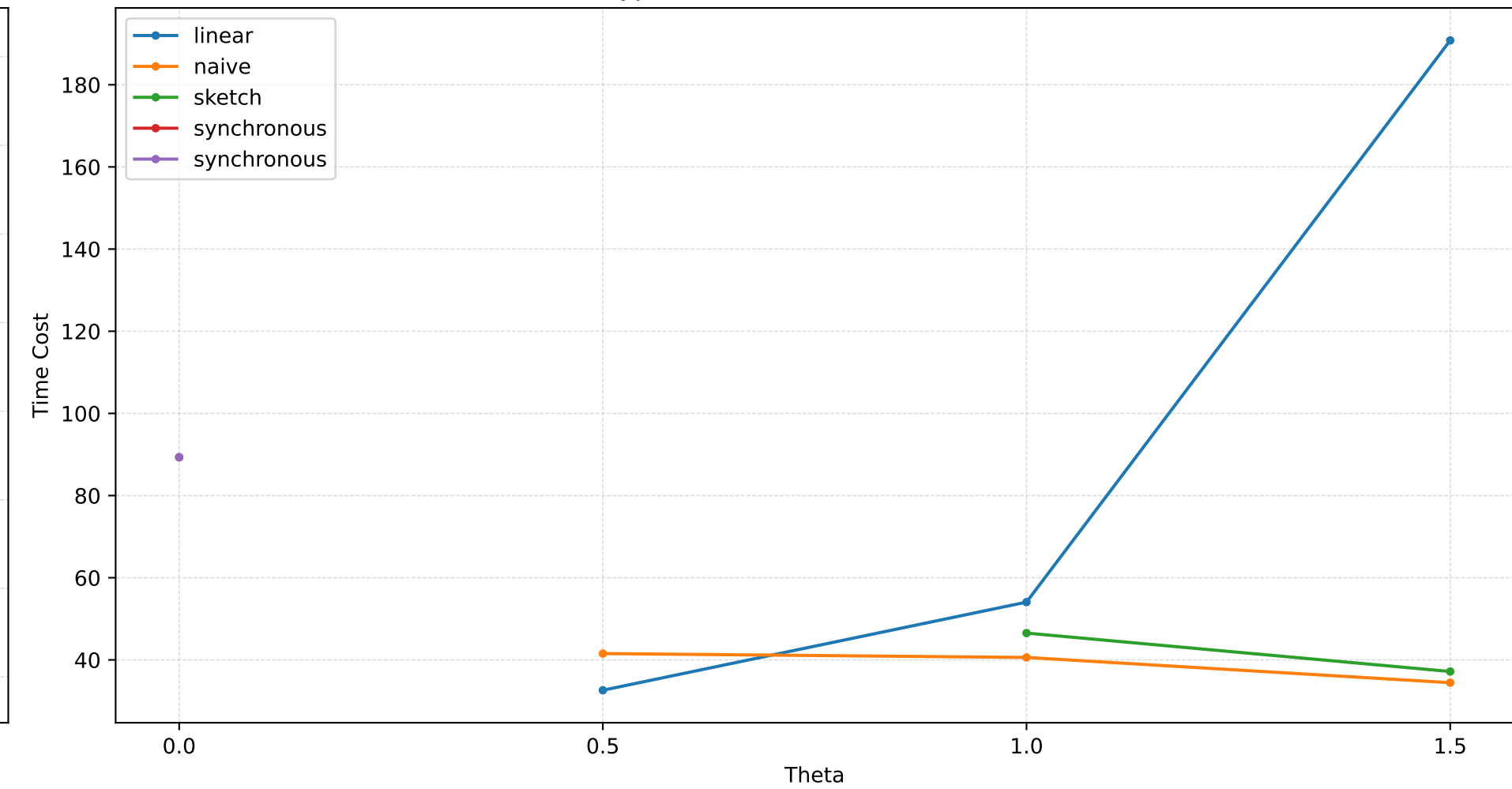


Num Clients : 25 , Batch Size : 32

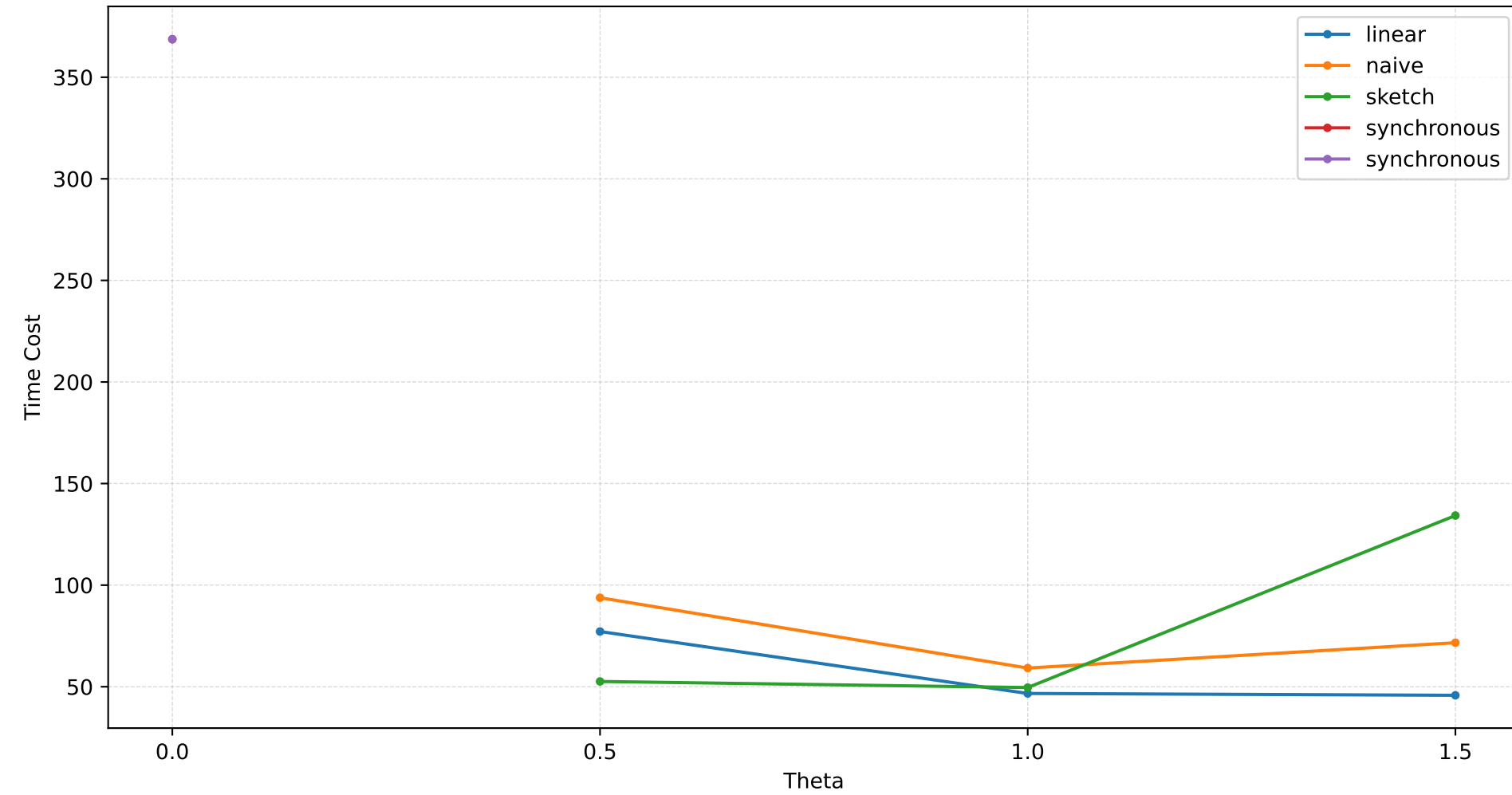
Common Channel Communication Model



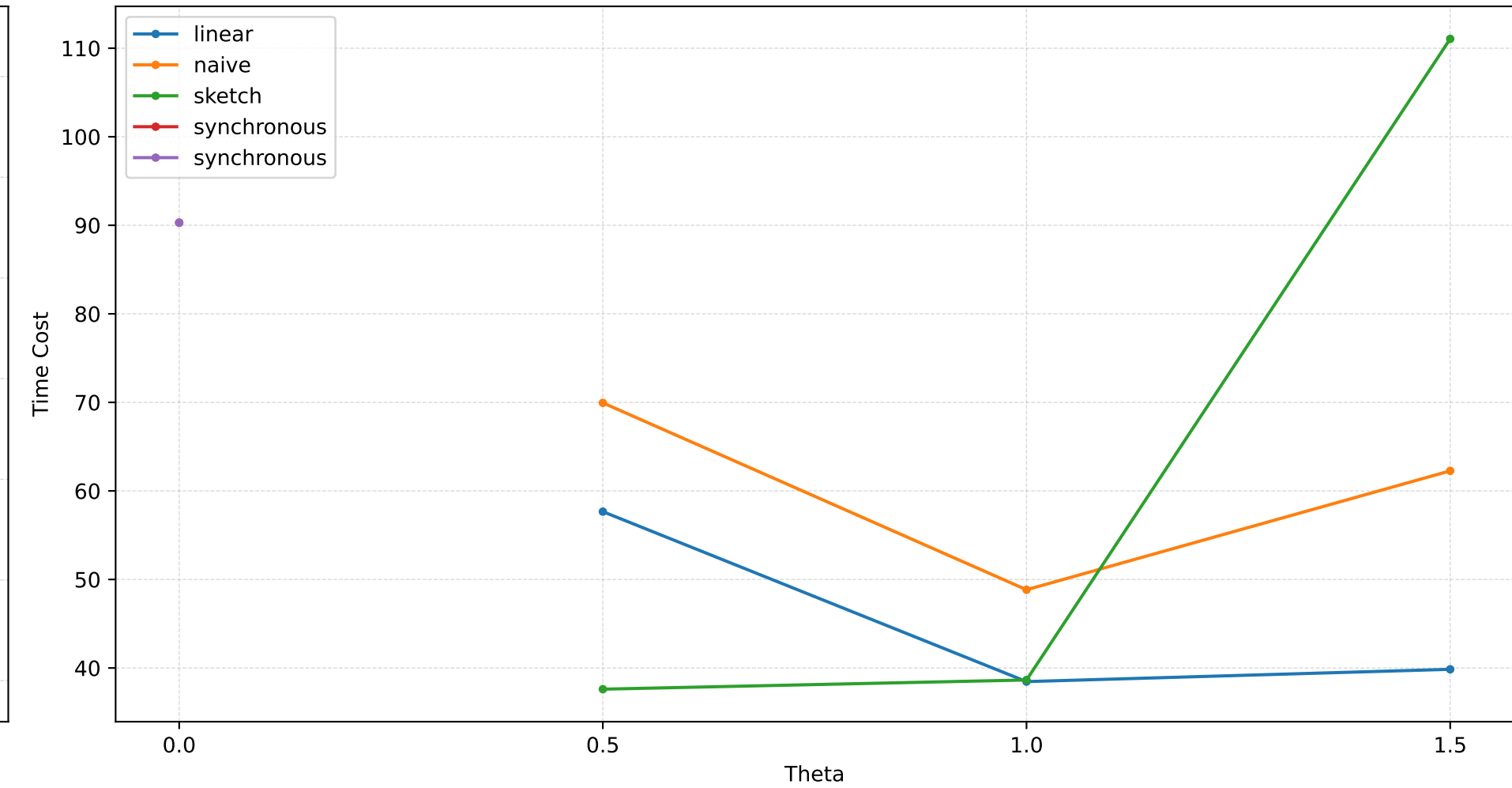
Hypercube Communication Model



Common Channel Communication Model

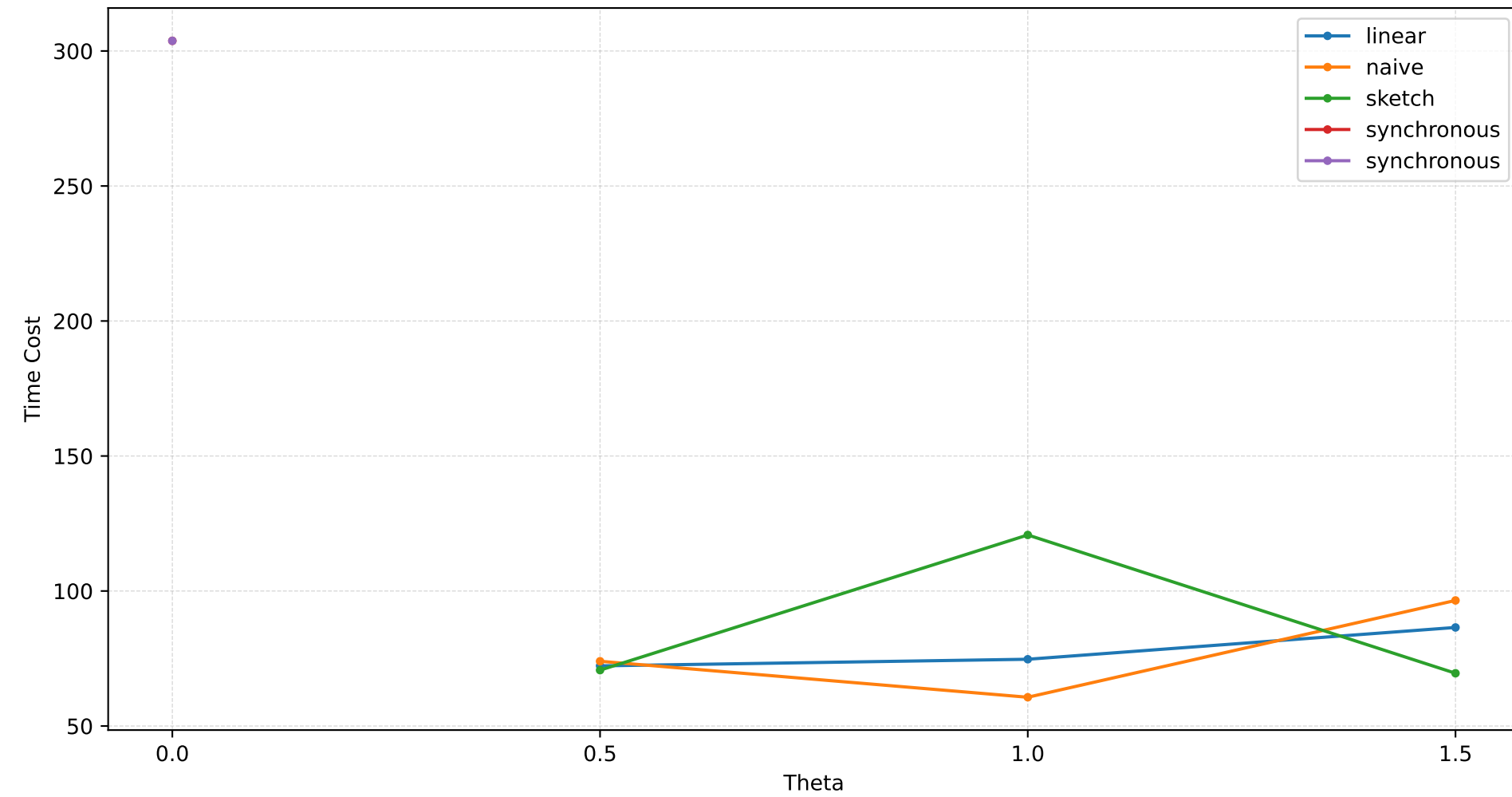


Hypercube Communication Model

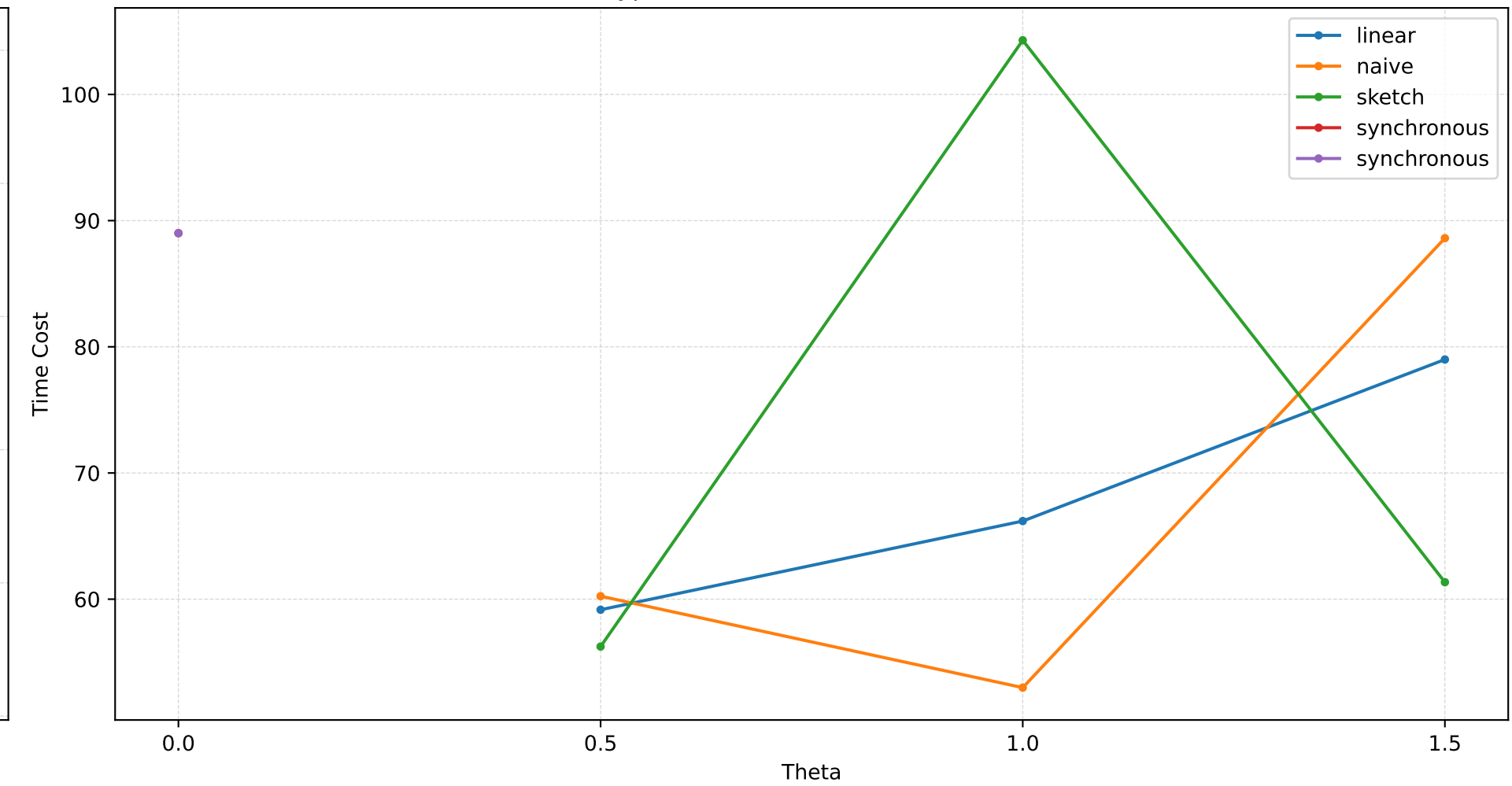


Num Clients : 25 , Batch Size : 128

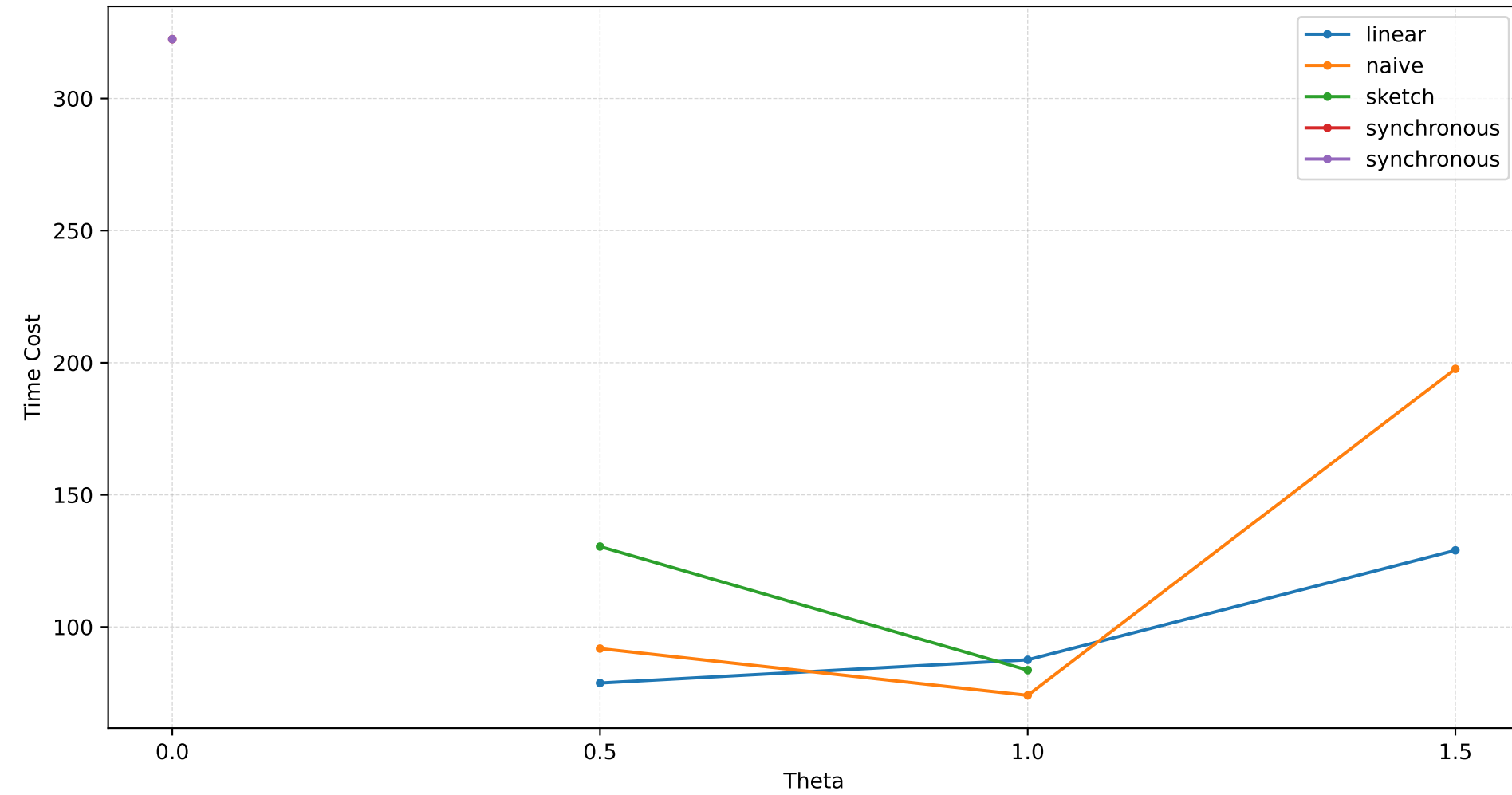
Common Channel Communication Model



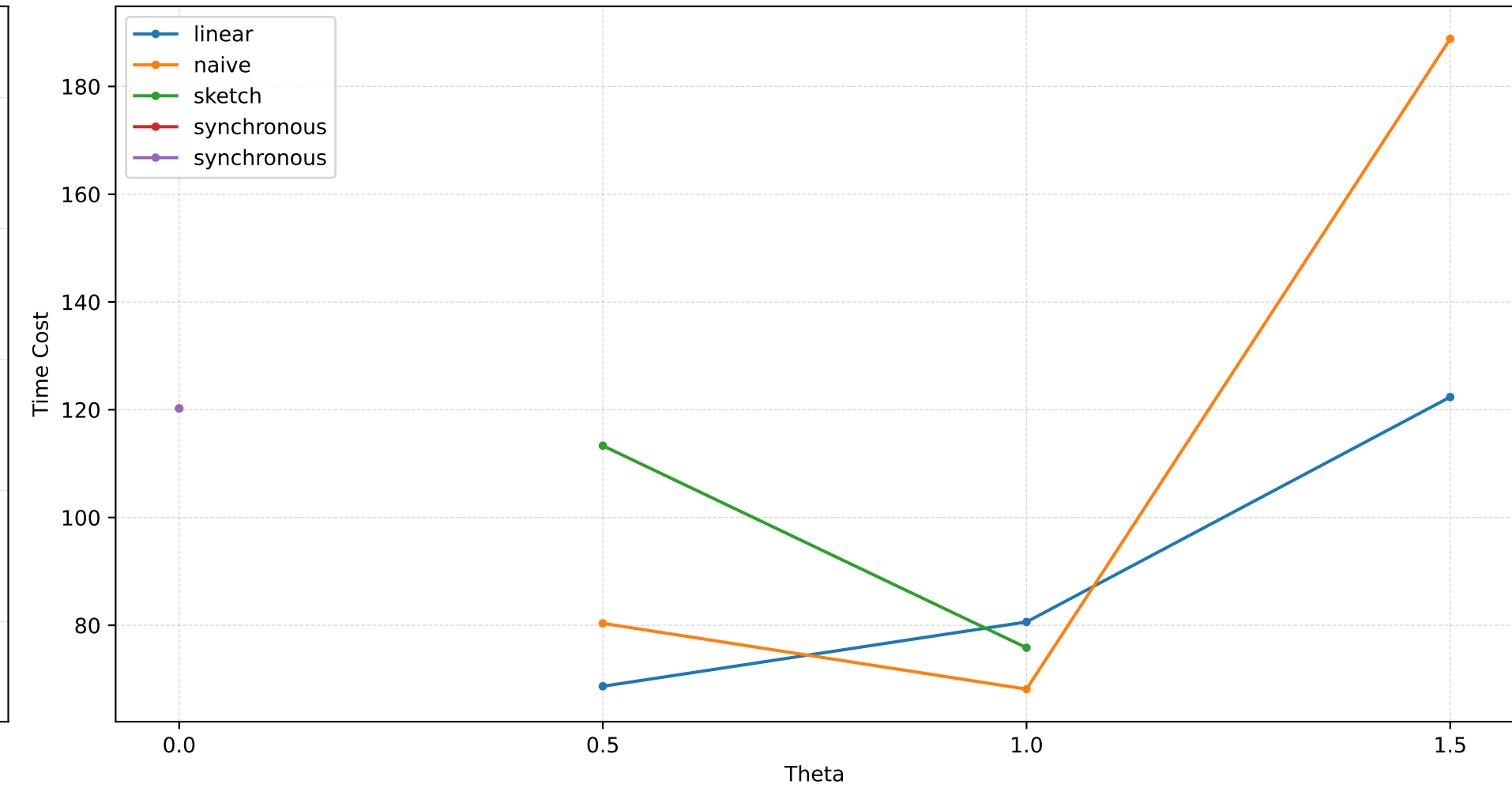
Hypercube Communication Model



Common Channel Communication Model

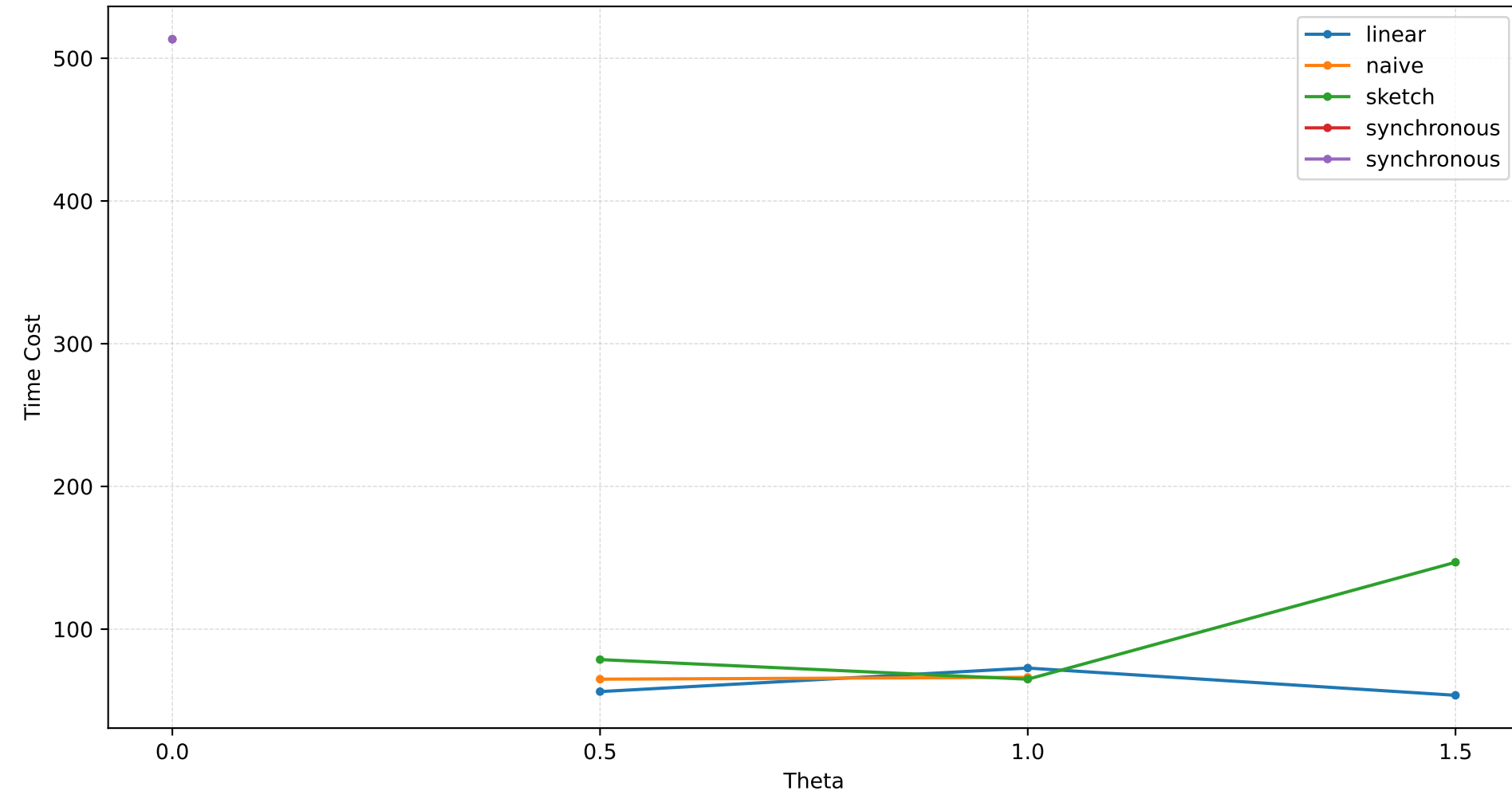


Hypercube Communication Model

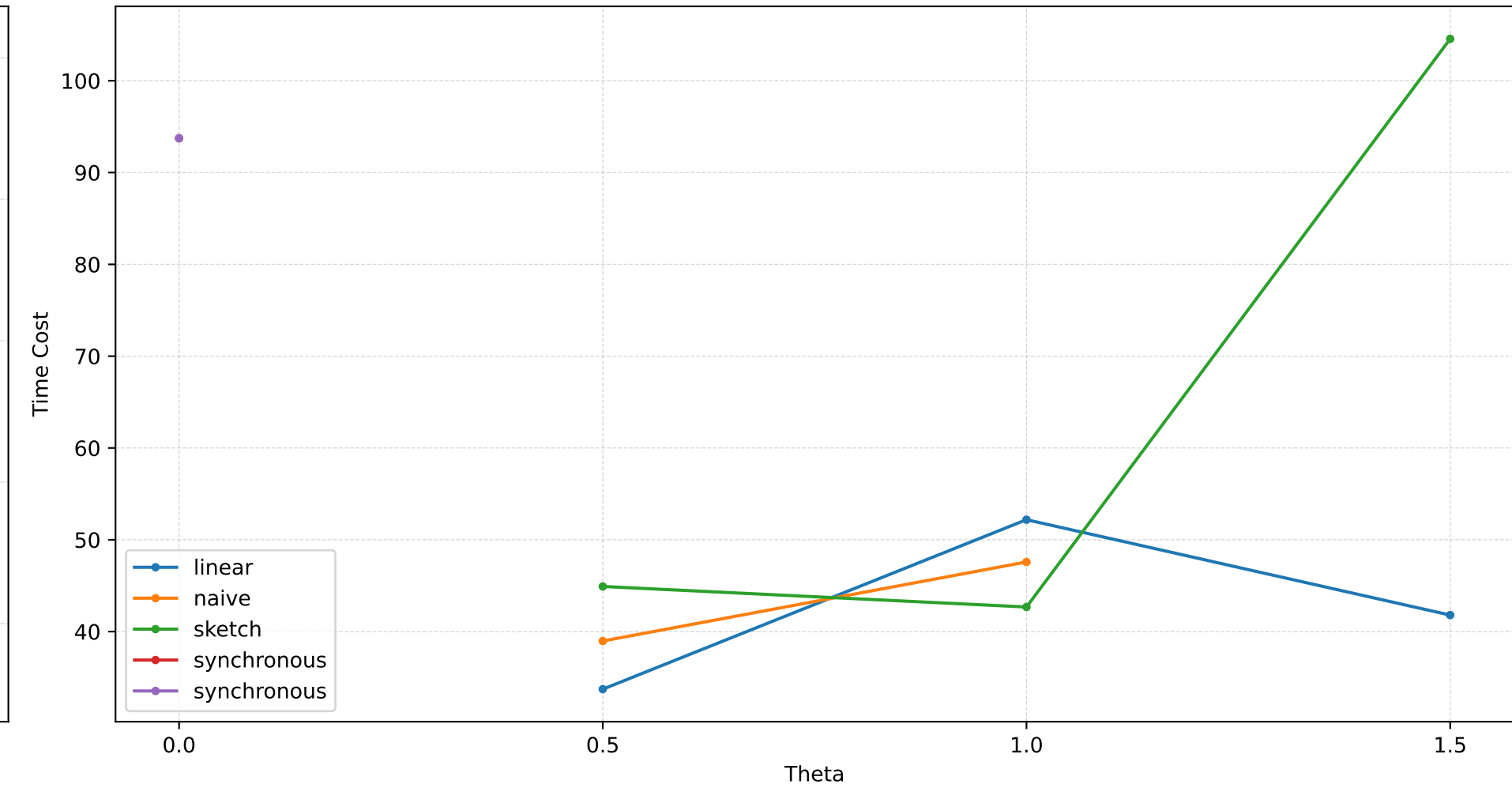


Num Clients : 30 , Batch Size : 32

Common Channel Communication Model

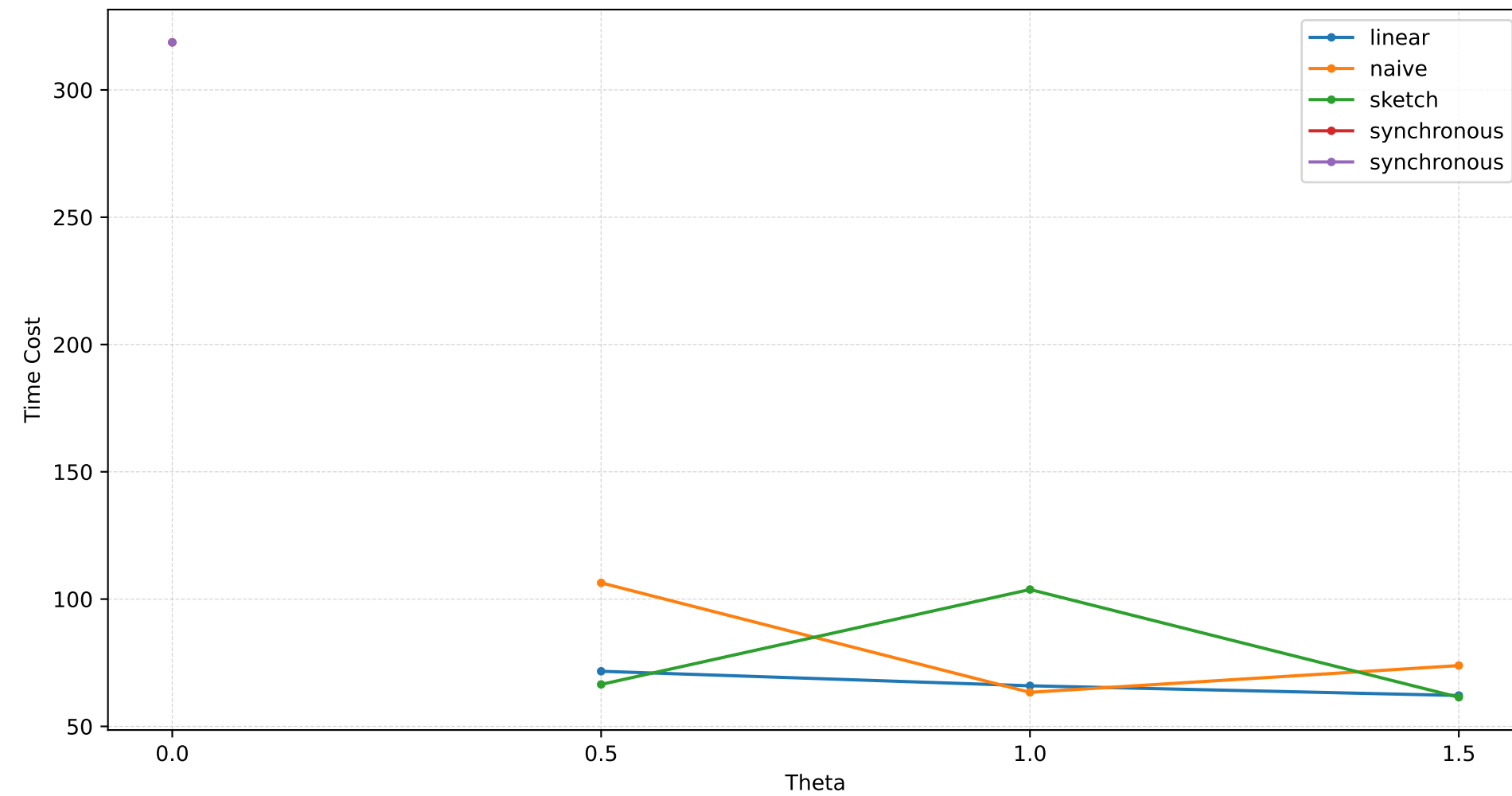


Hypercube Communication Model

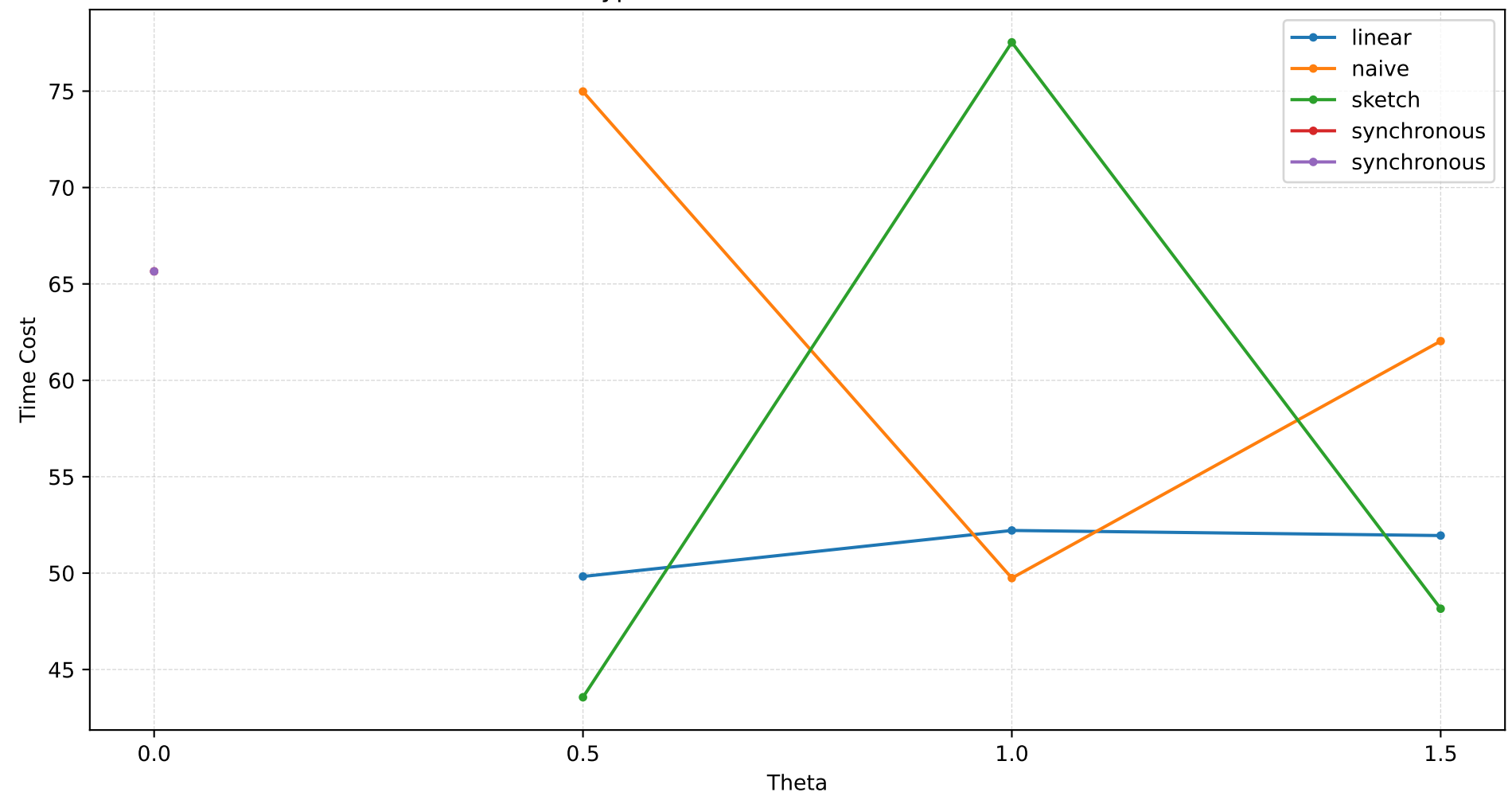


Num Clients : 30 , Batch Size : 64

Common Channel Communication Model

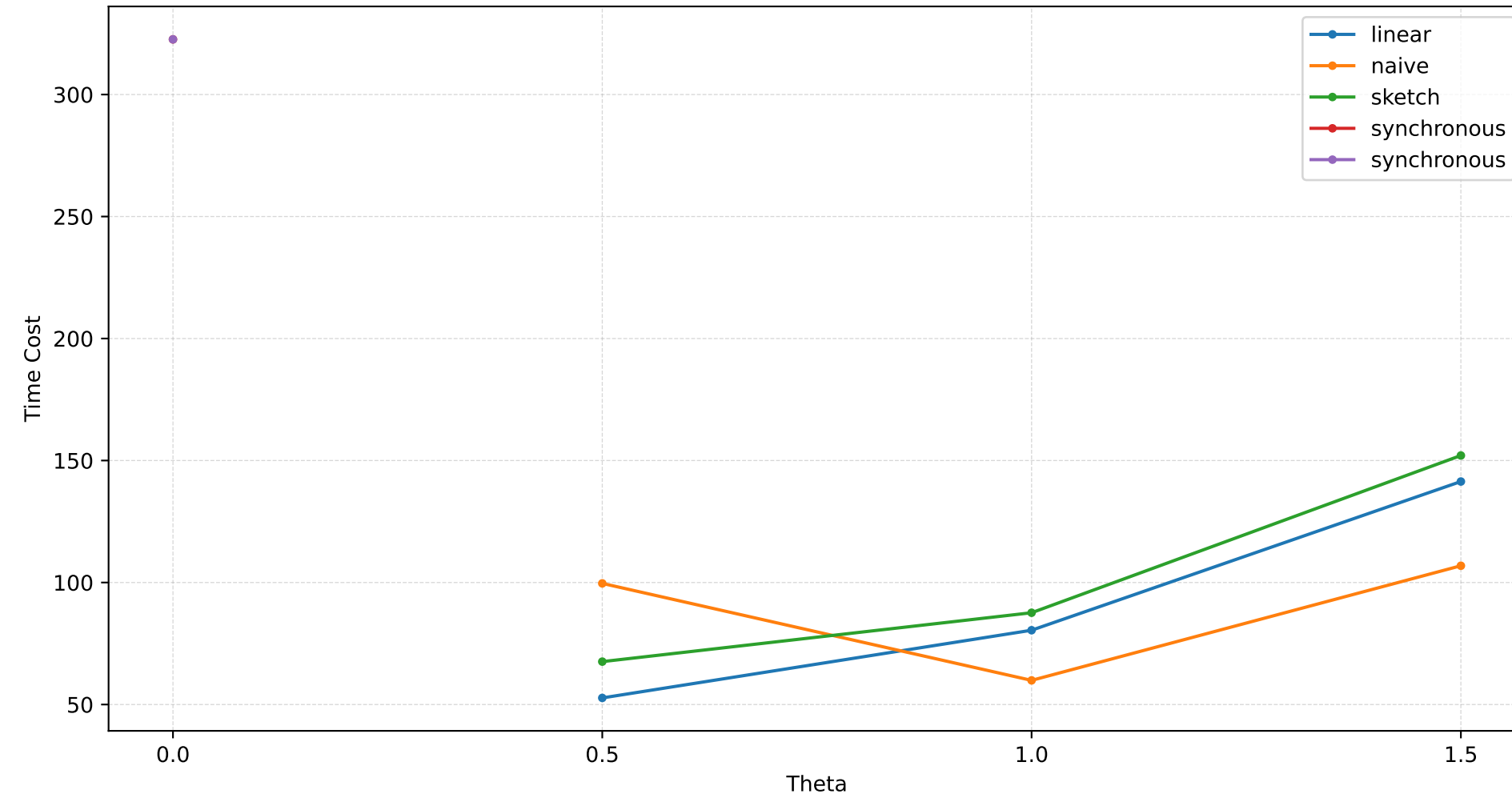


Hypercube Communication Model

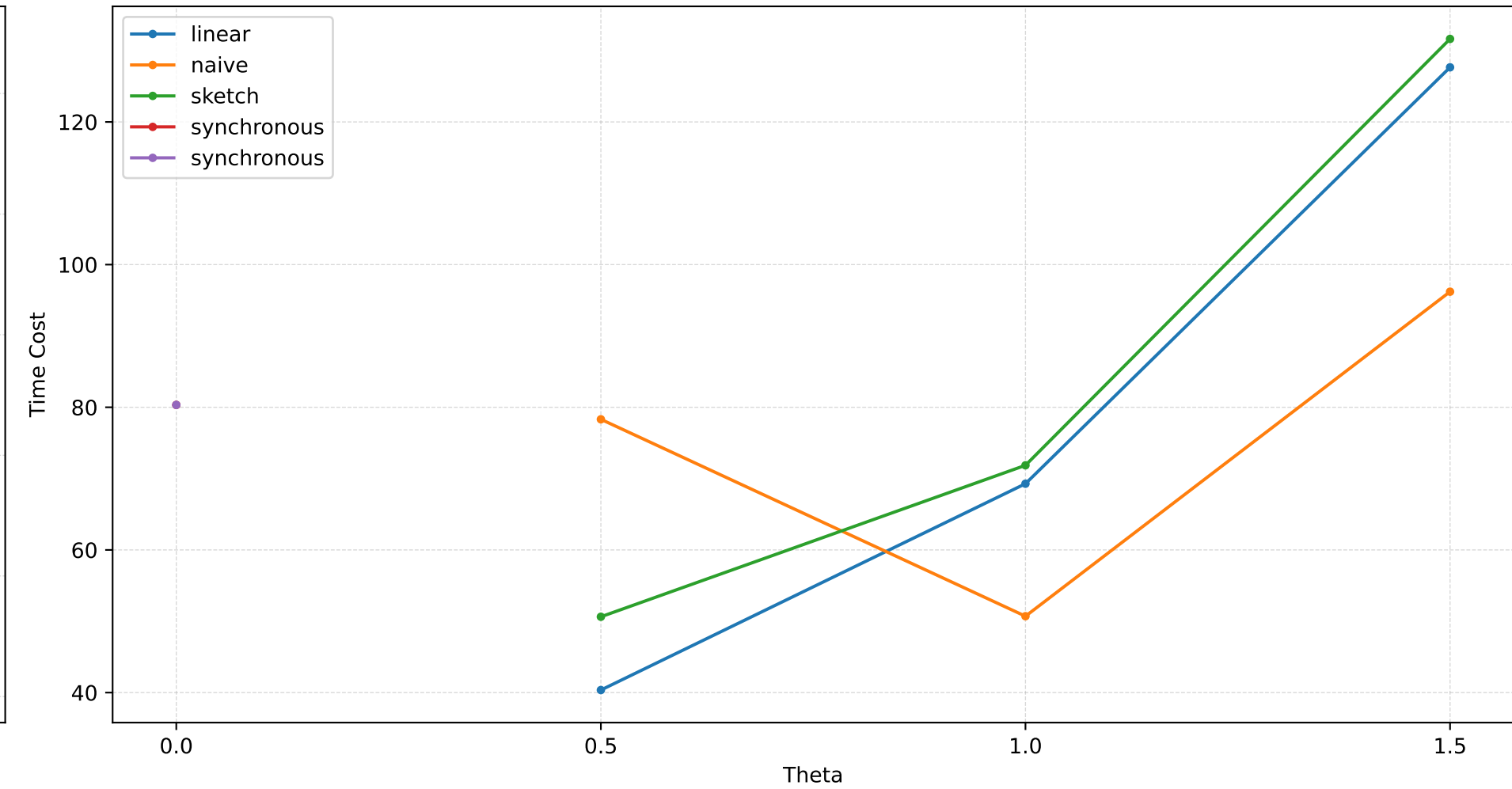


Num Clients : 30 , Batch Size : 128

Common Channel Communication Model

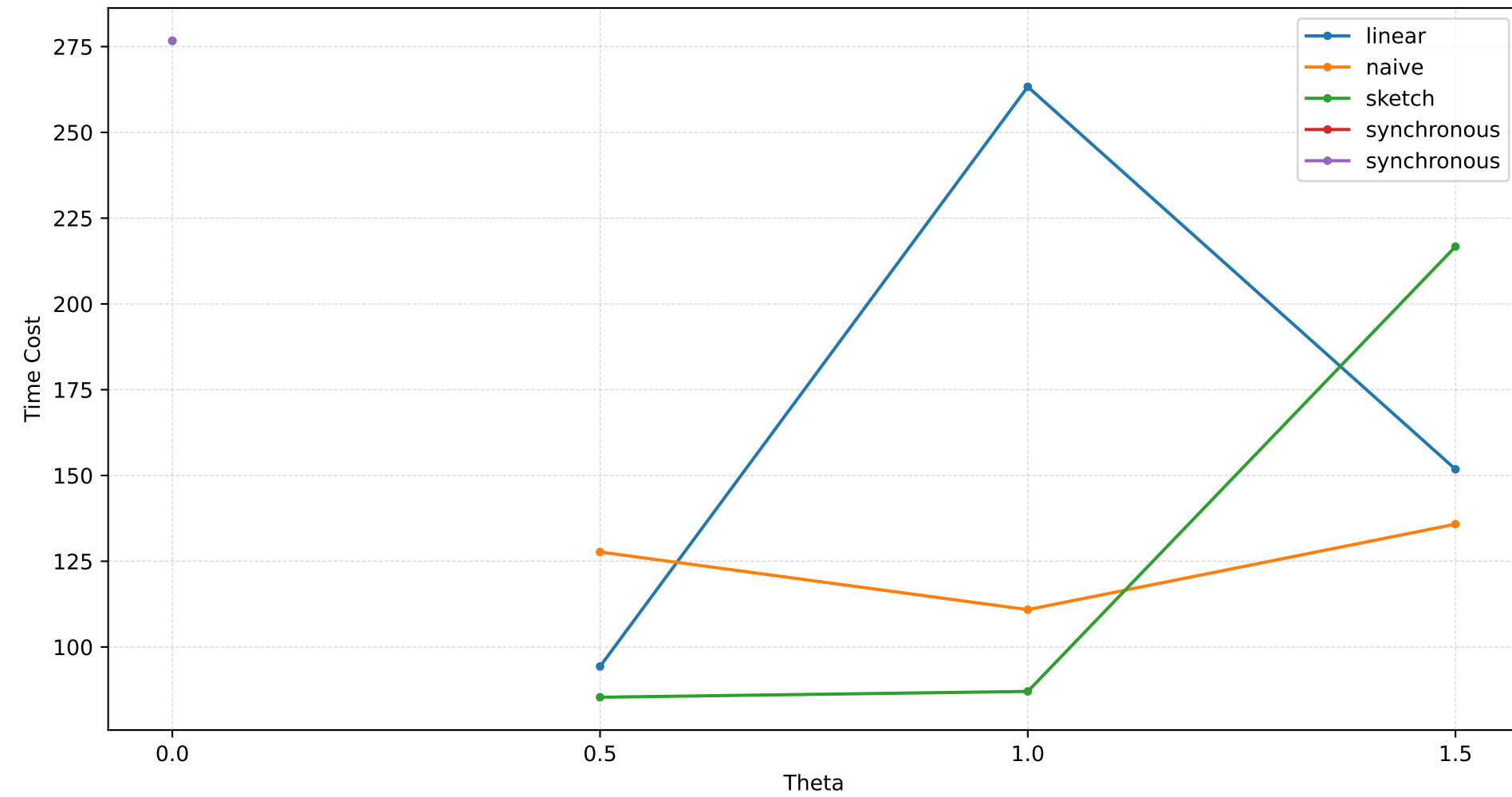


Hypercube Communication Model

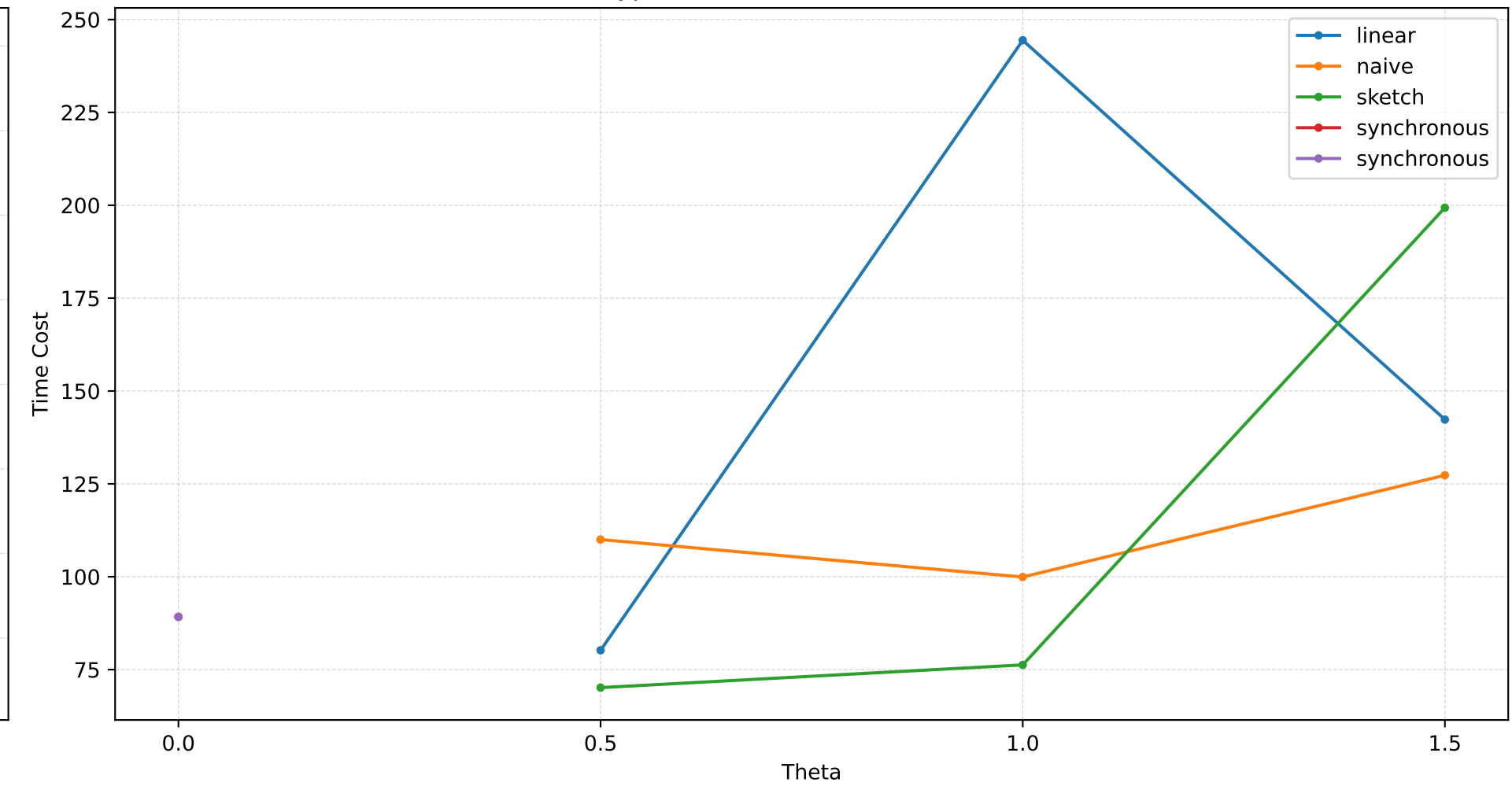


Num Clients : 30 , Batch Size : 256

Common Channel Communication Model



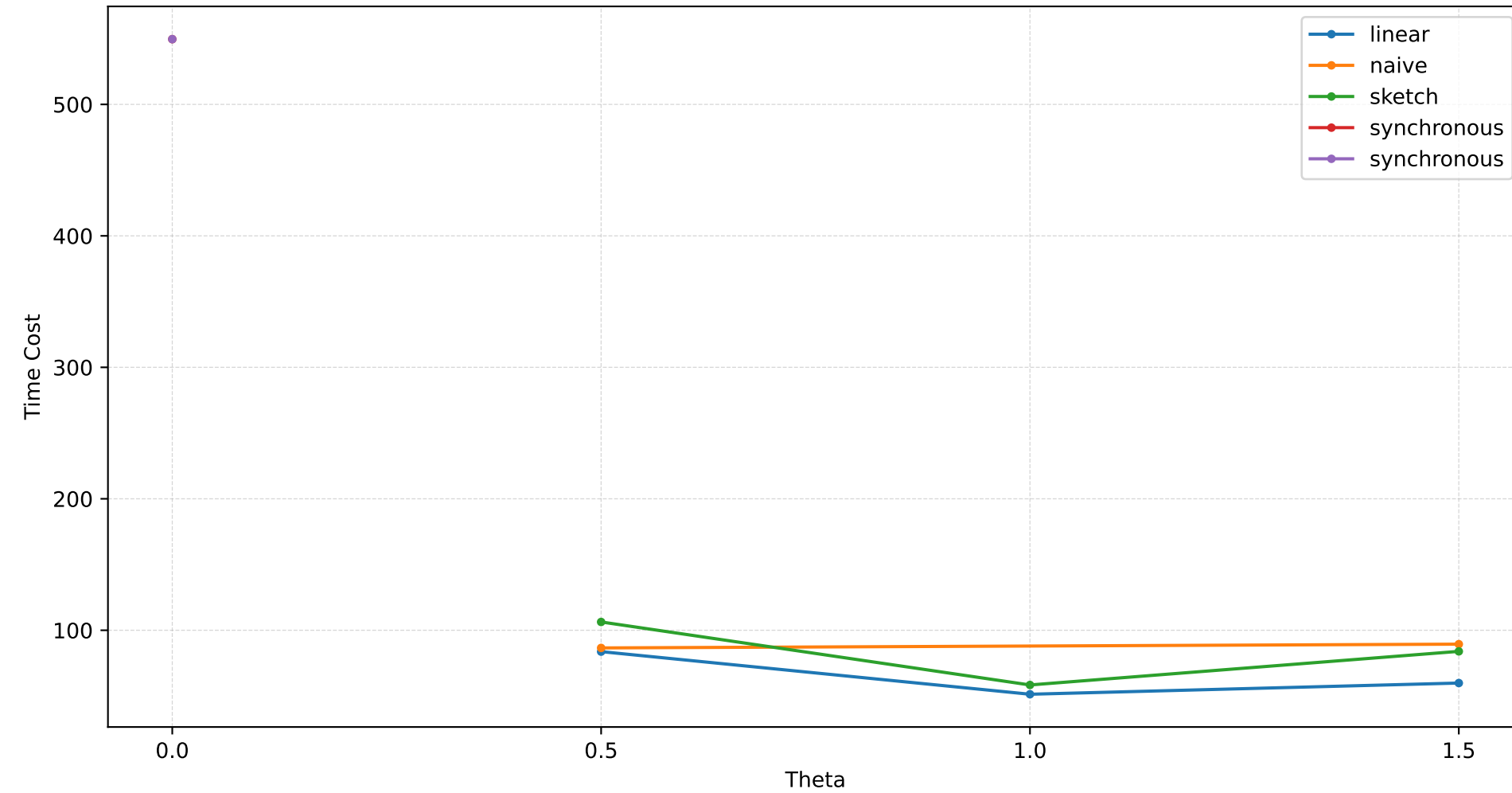
Hypercube Communication Model



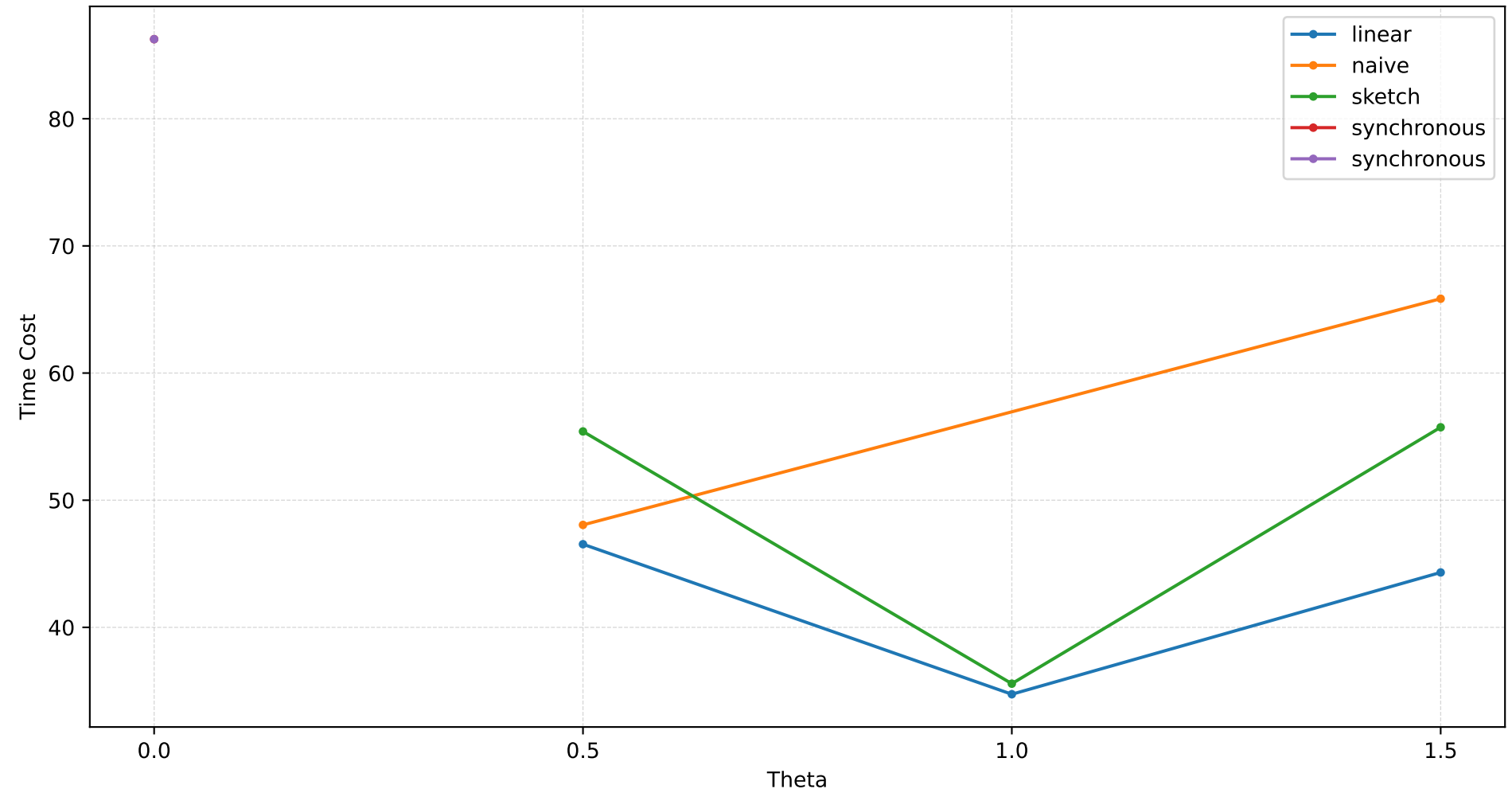


Num Clients : 35 , Batch Size : 32

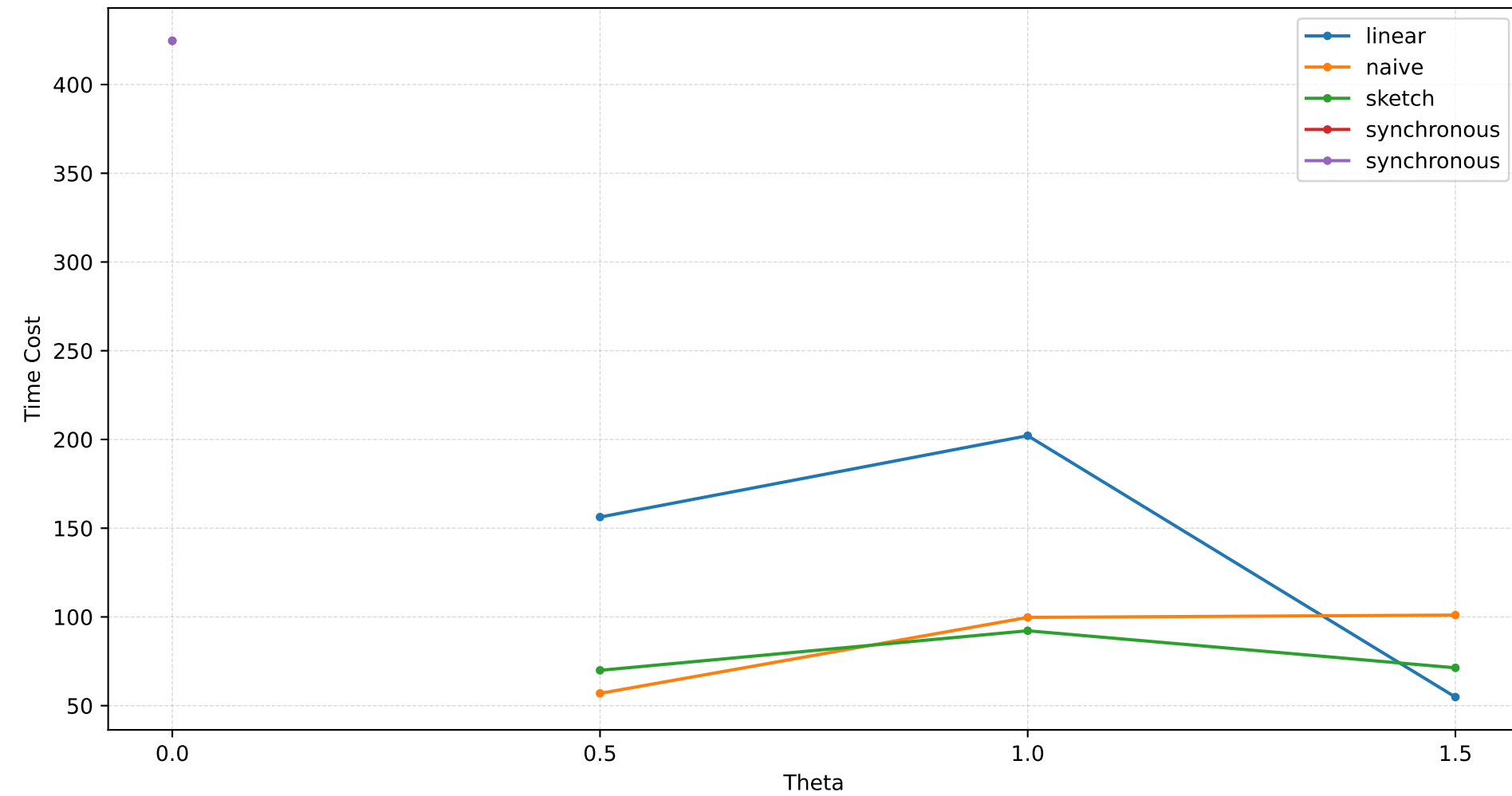
Common Channel Communication Model



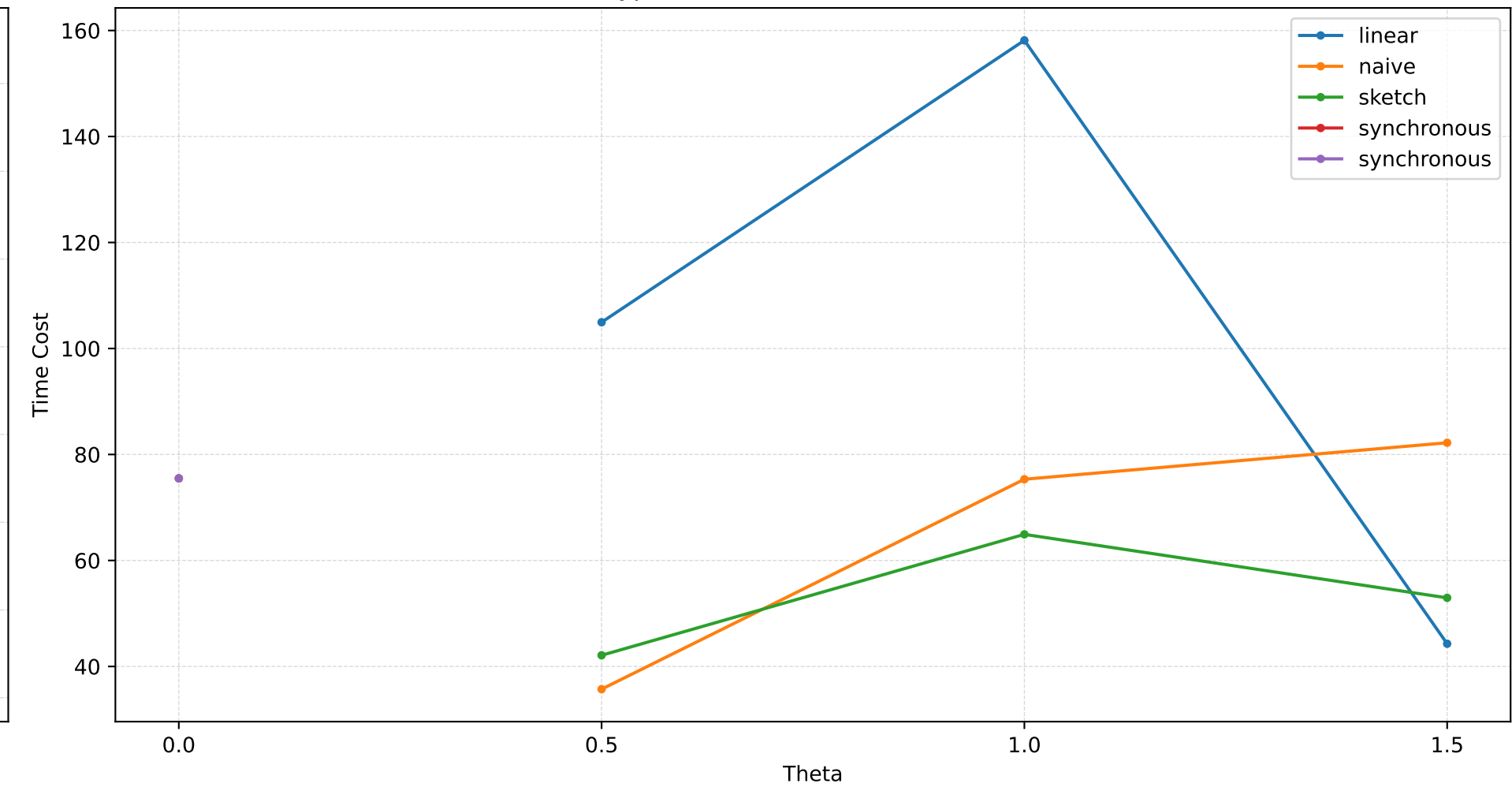
Hypercube Communication Model



Common Channel Communication Model

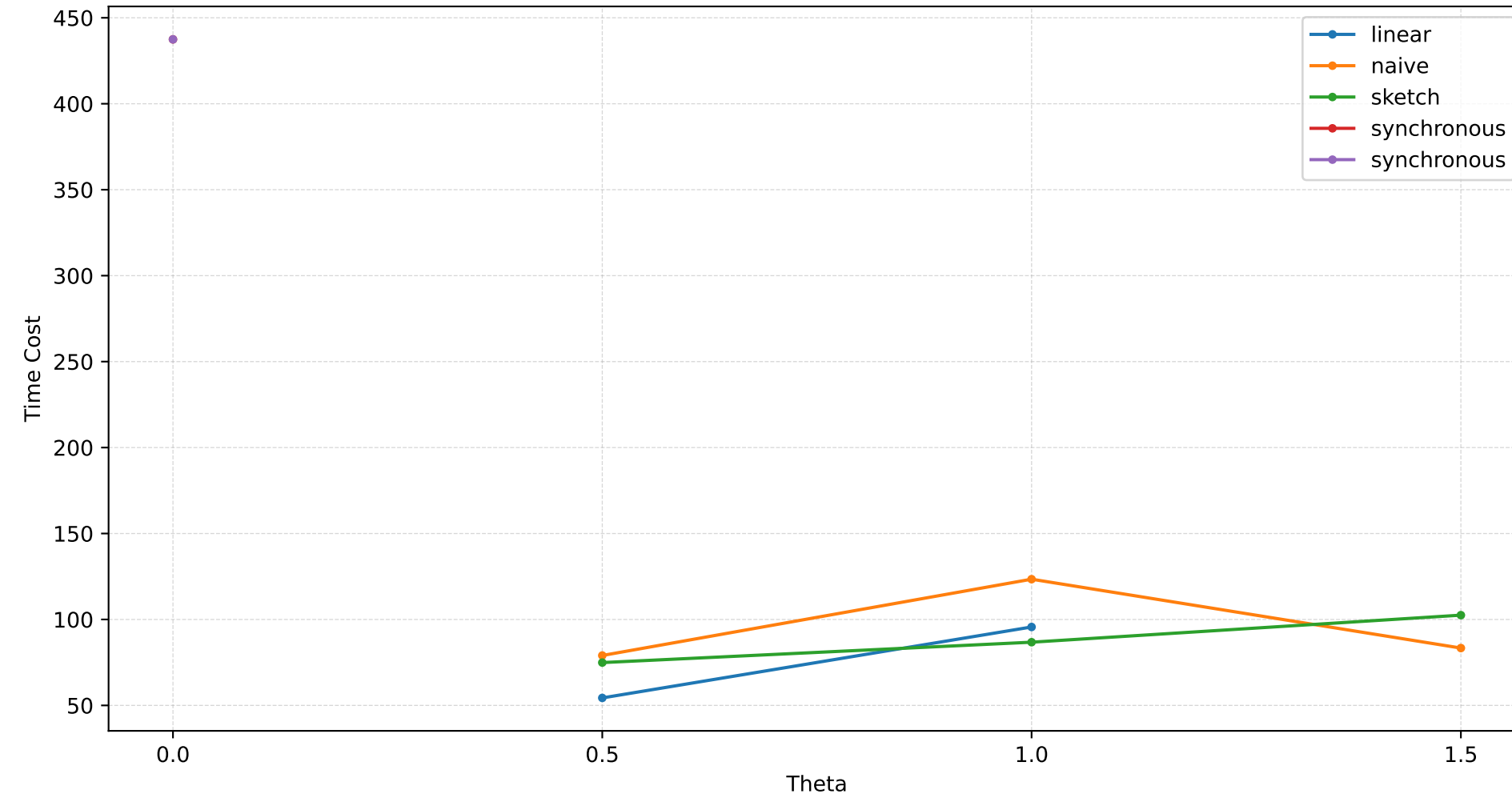


Hypercube Communication Model

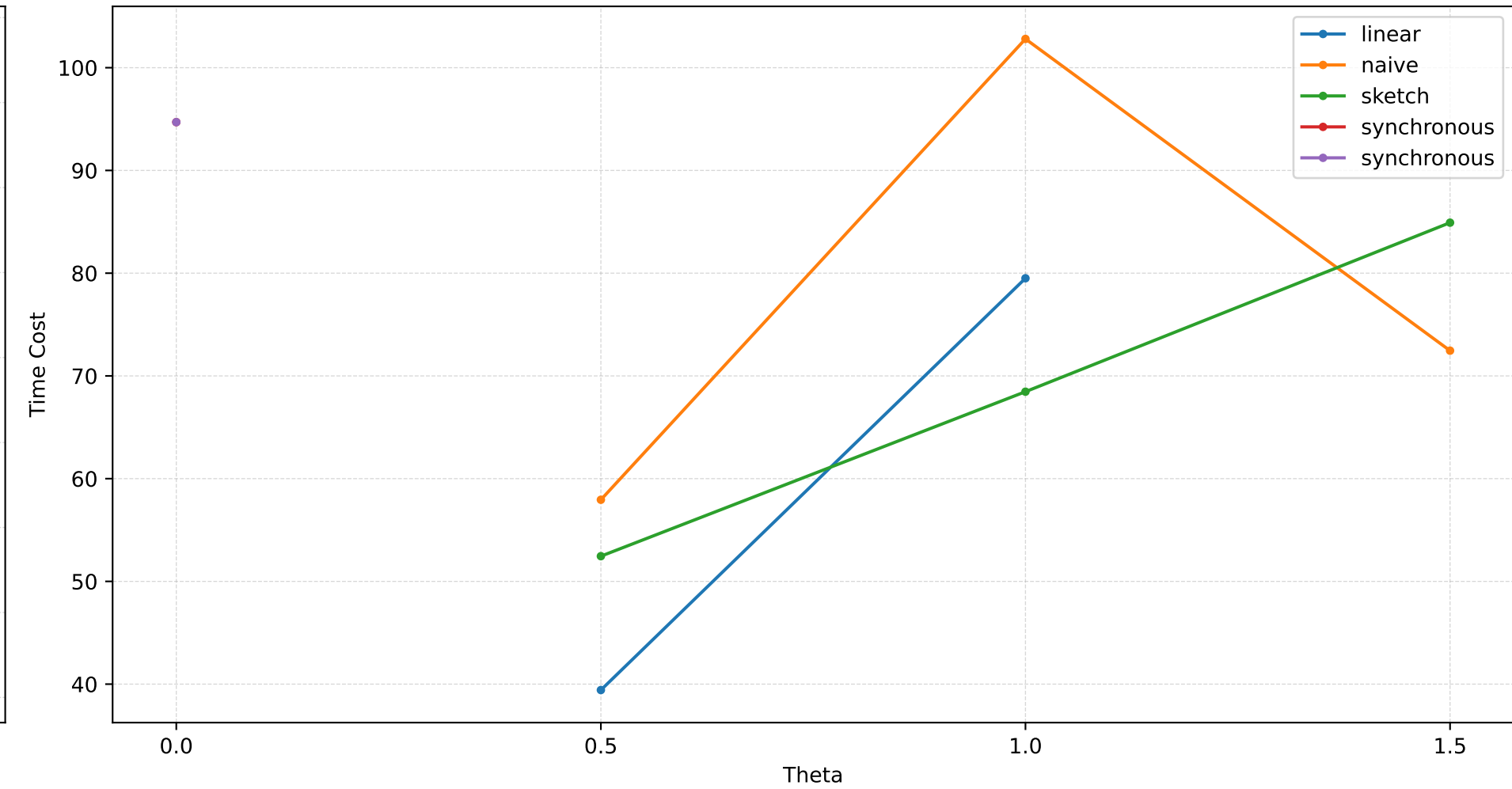


Num Clients : 35 , Batch Size : 128

Common Channel Communication Model

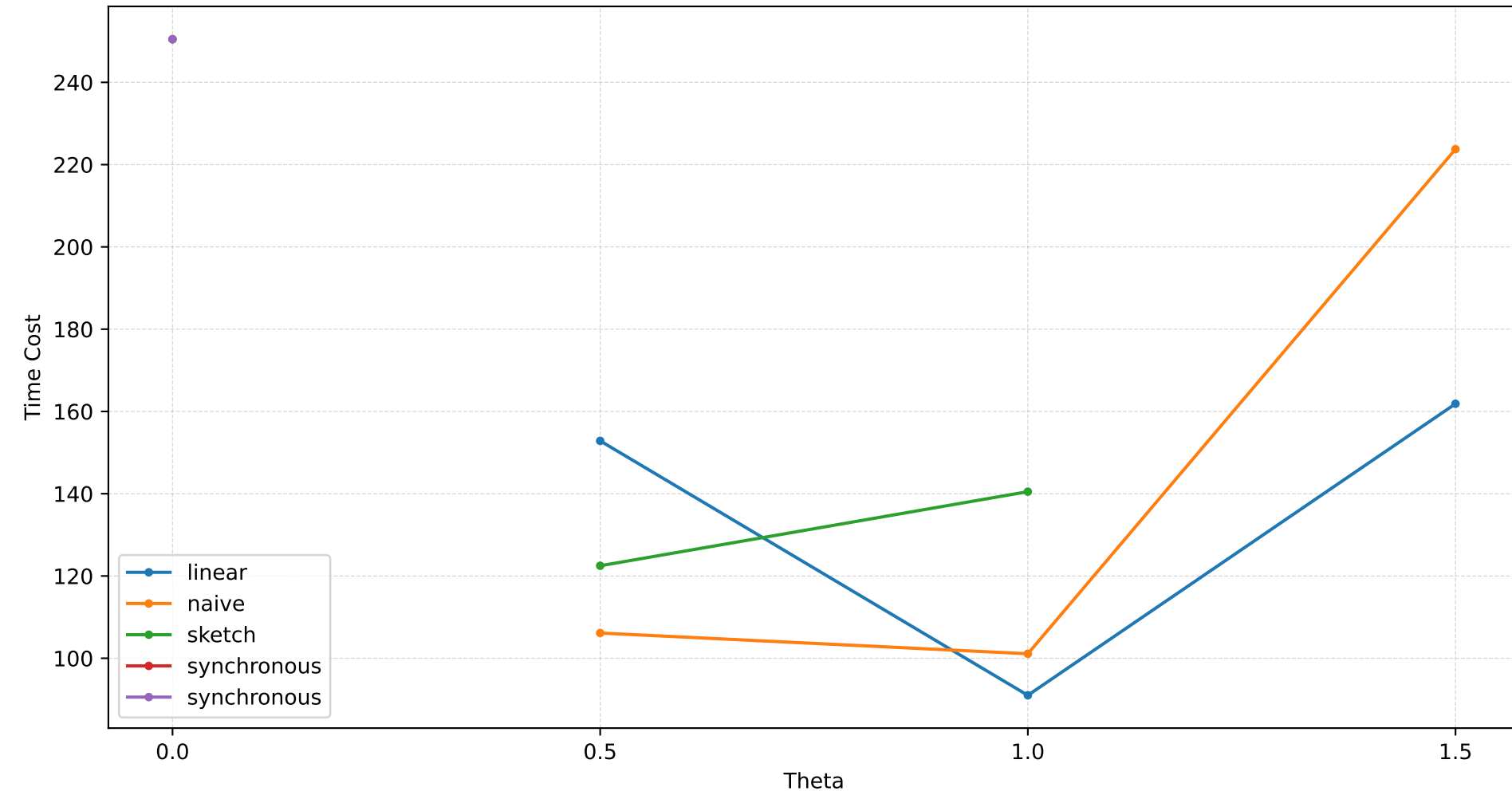


Hypercube Communication Model

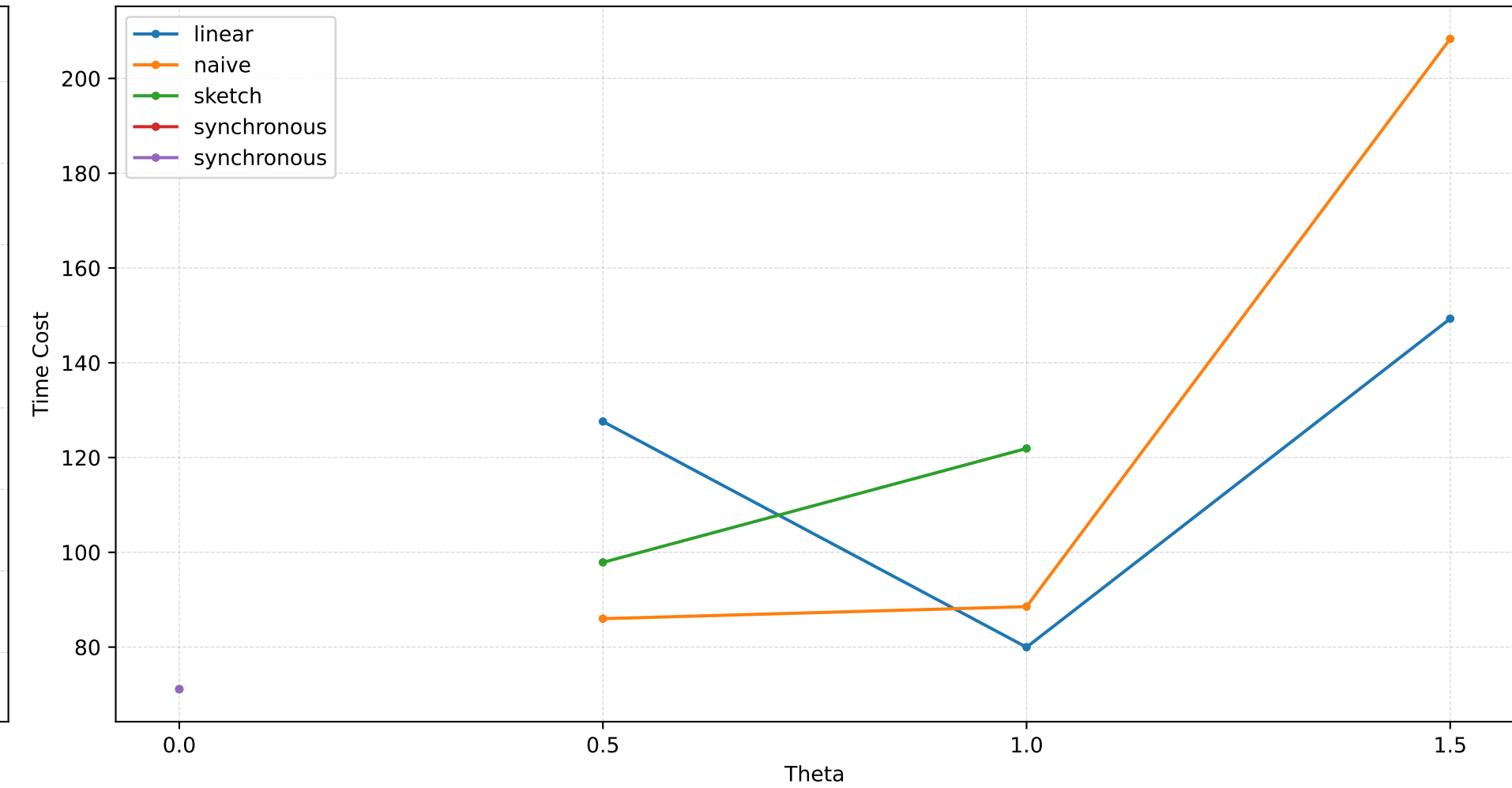


Num Clients : 35 , Batch Size : 256

Common Channel Communication Model

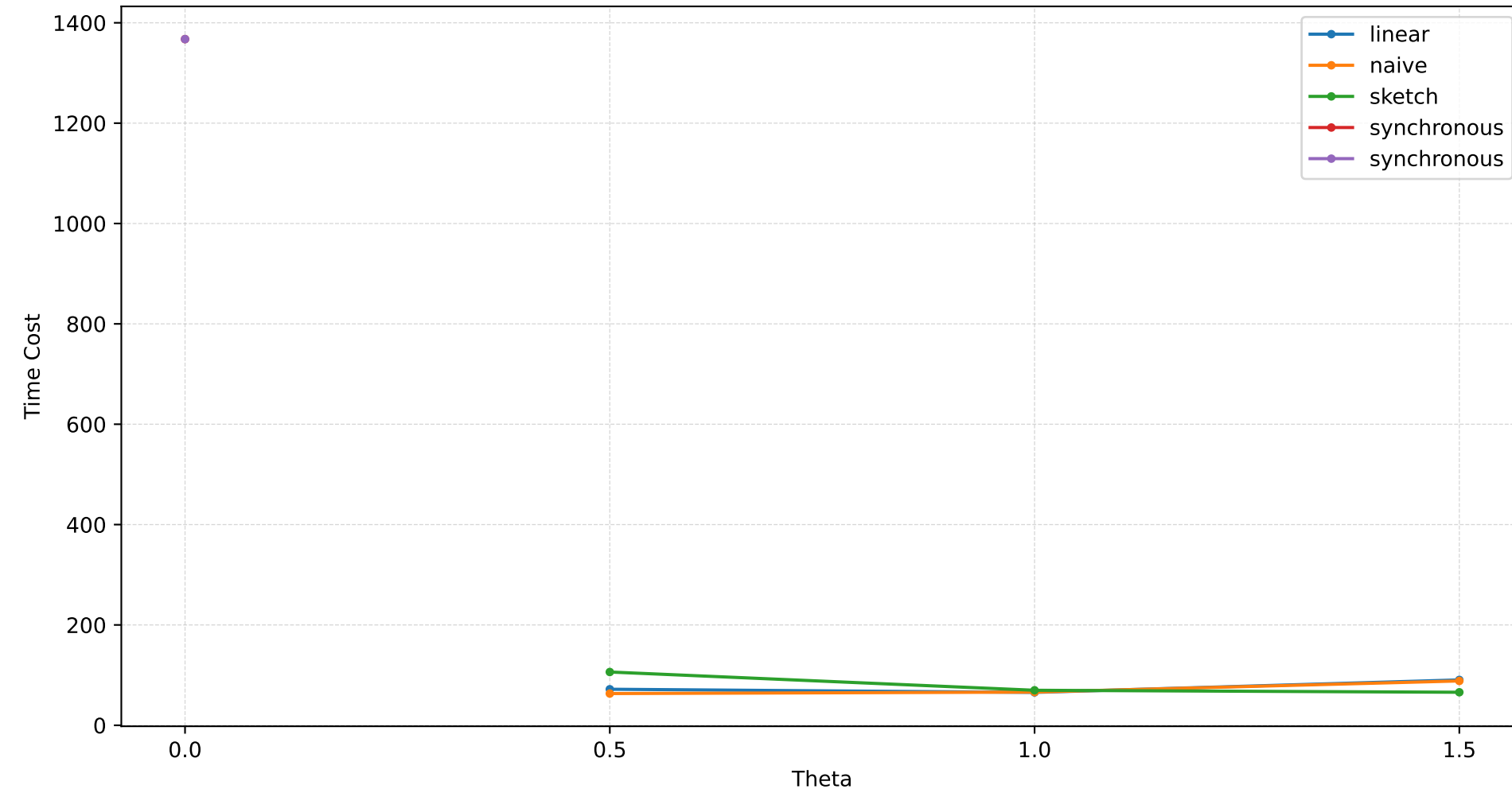


Hypercube Communication Model

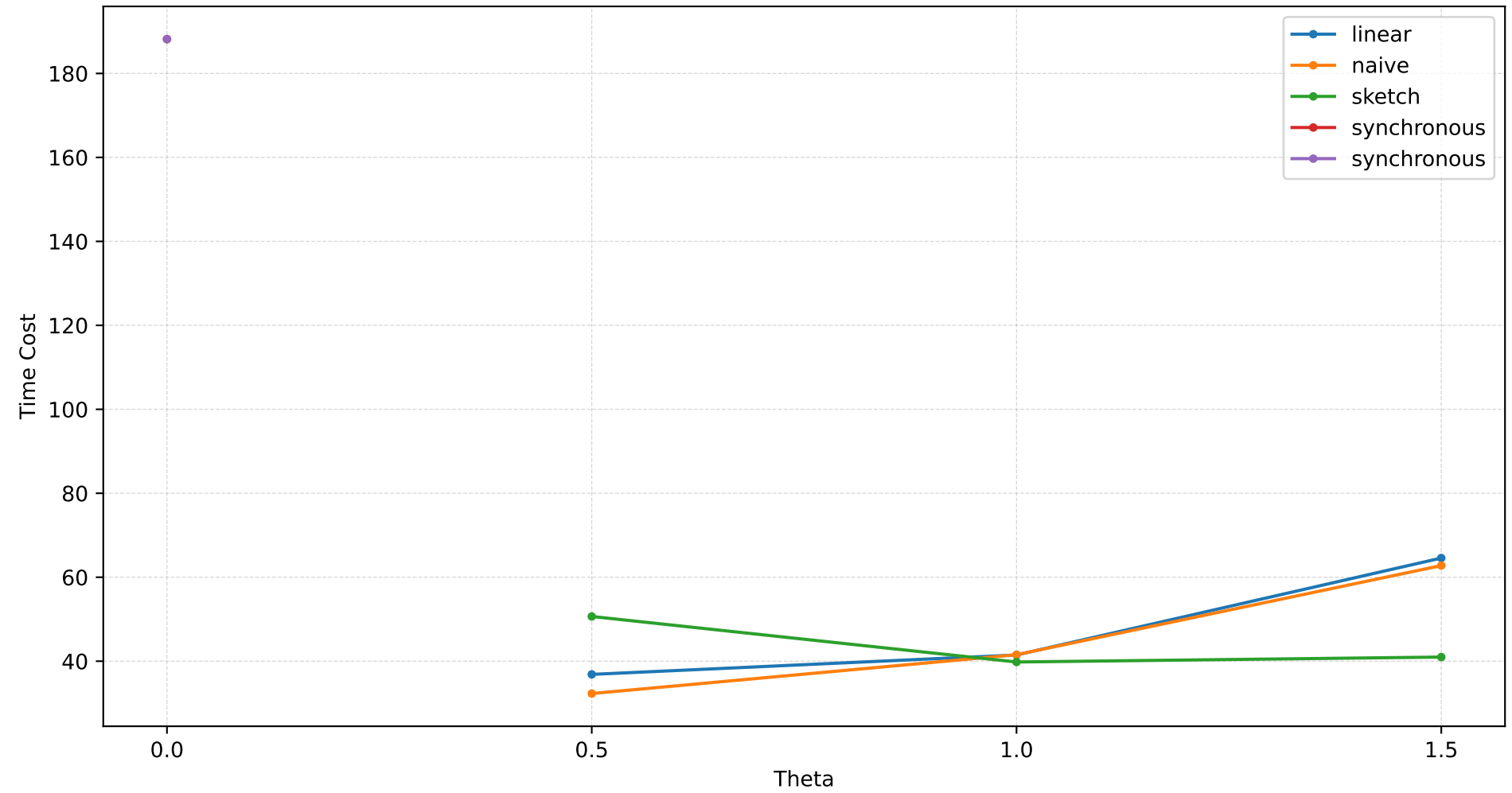


Num Clients : 40 , Batch Size : 32

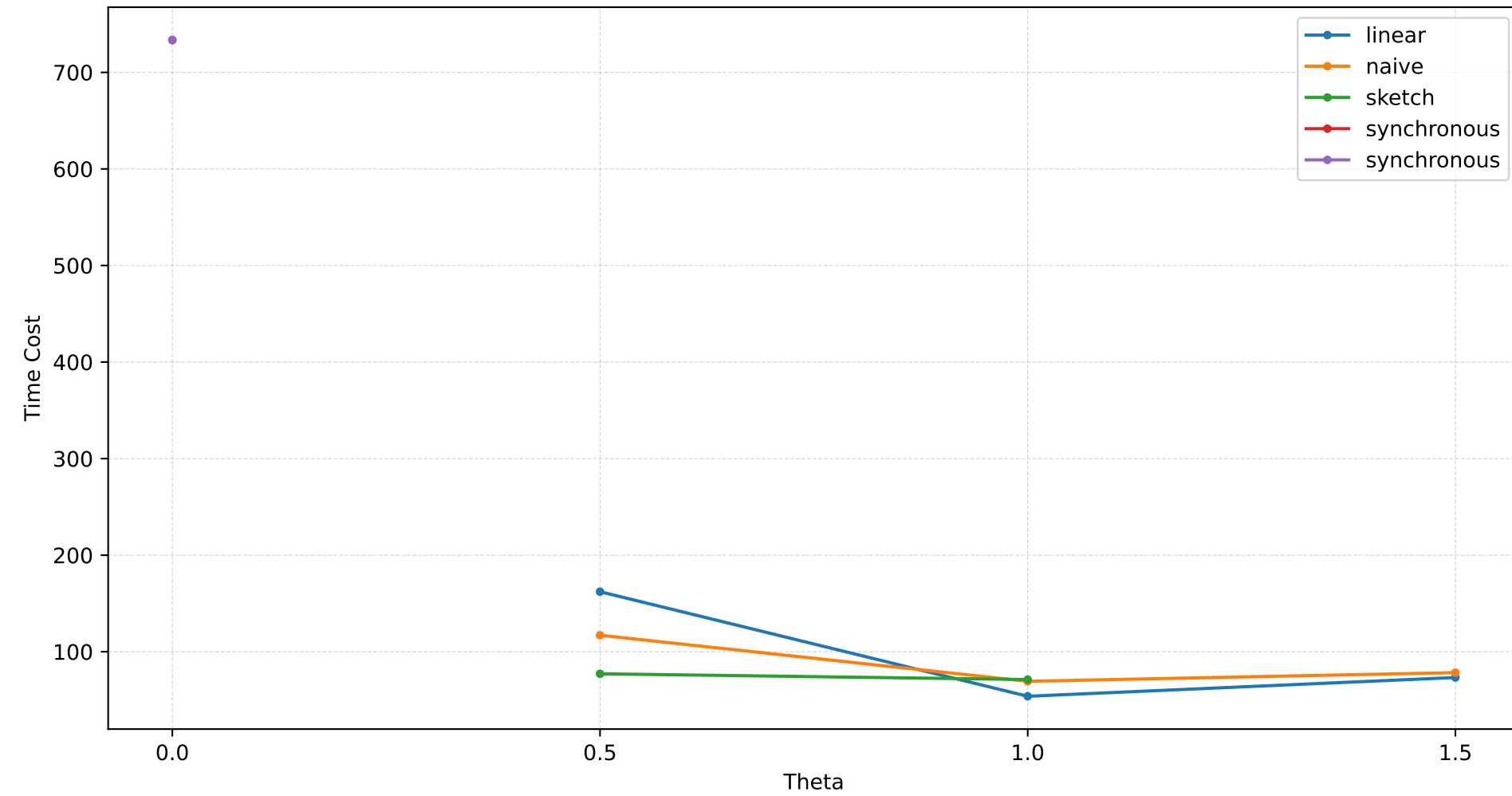
Common Channel Communication Model



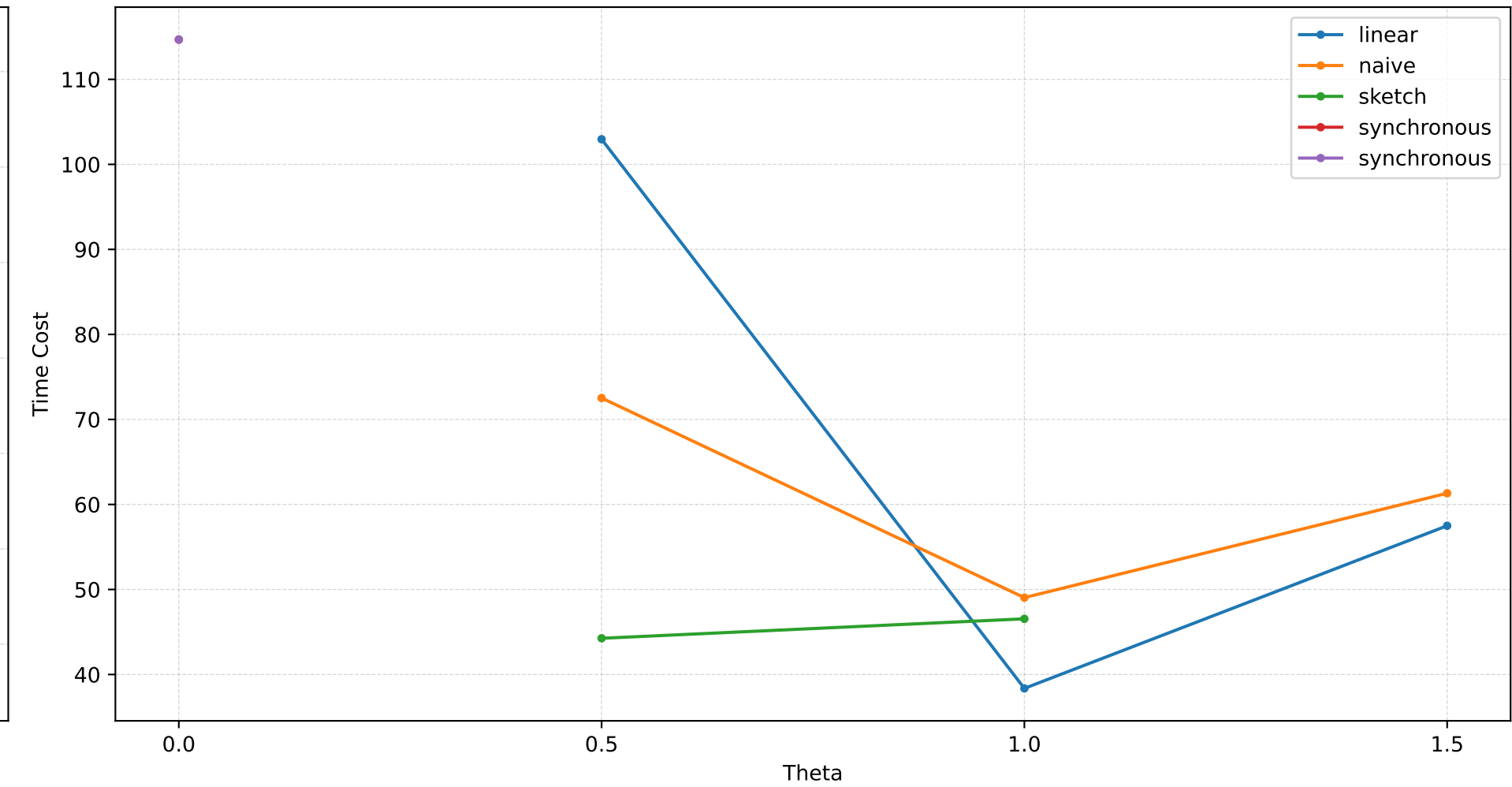
Hypercube Communication Model



Common Channel Communication Model

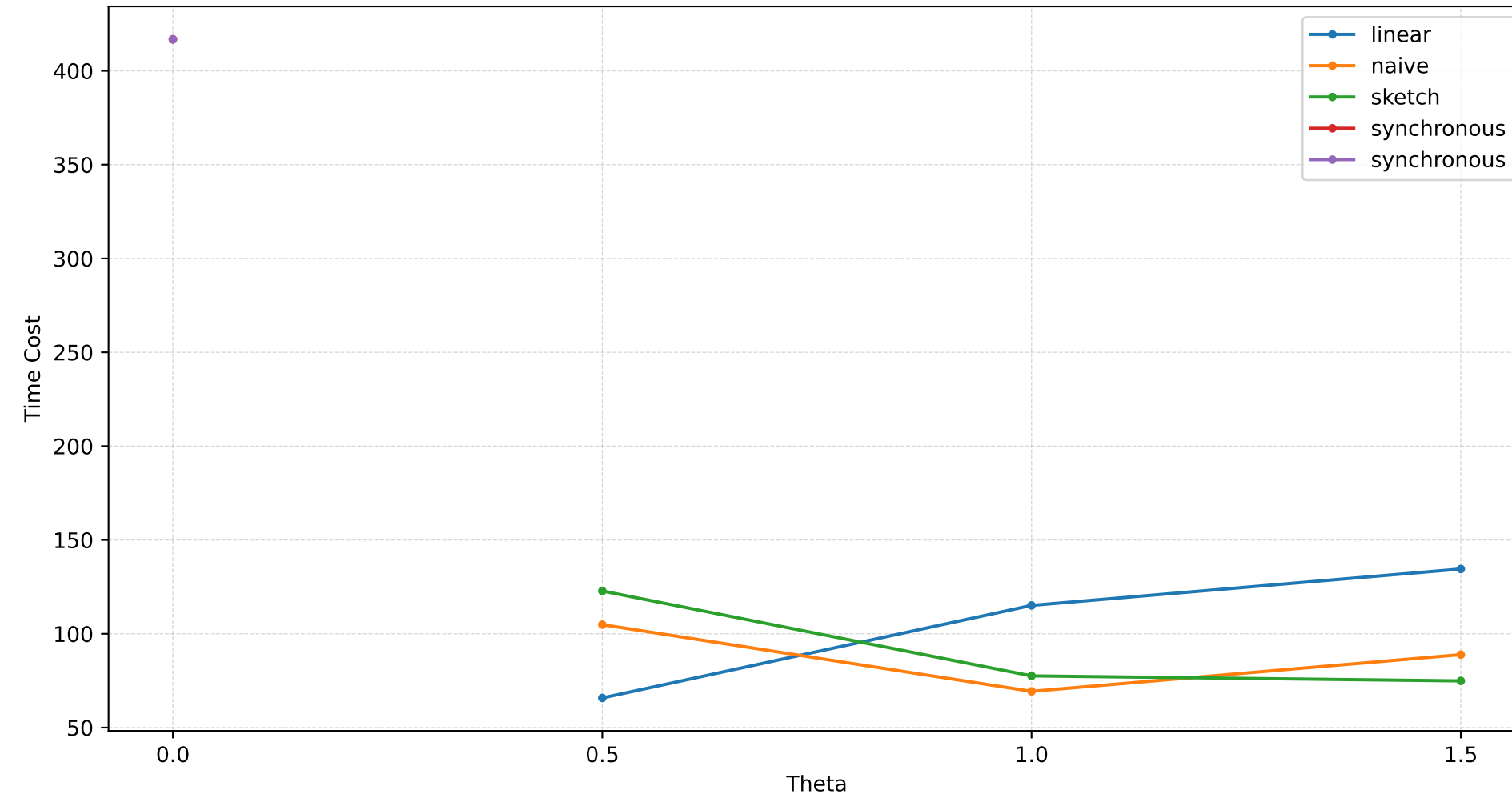


Hypercube Communication Model

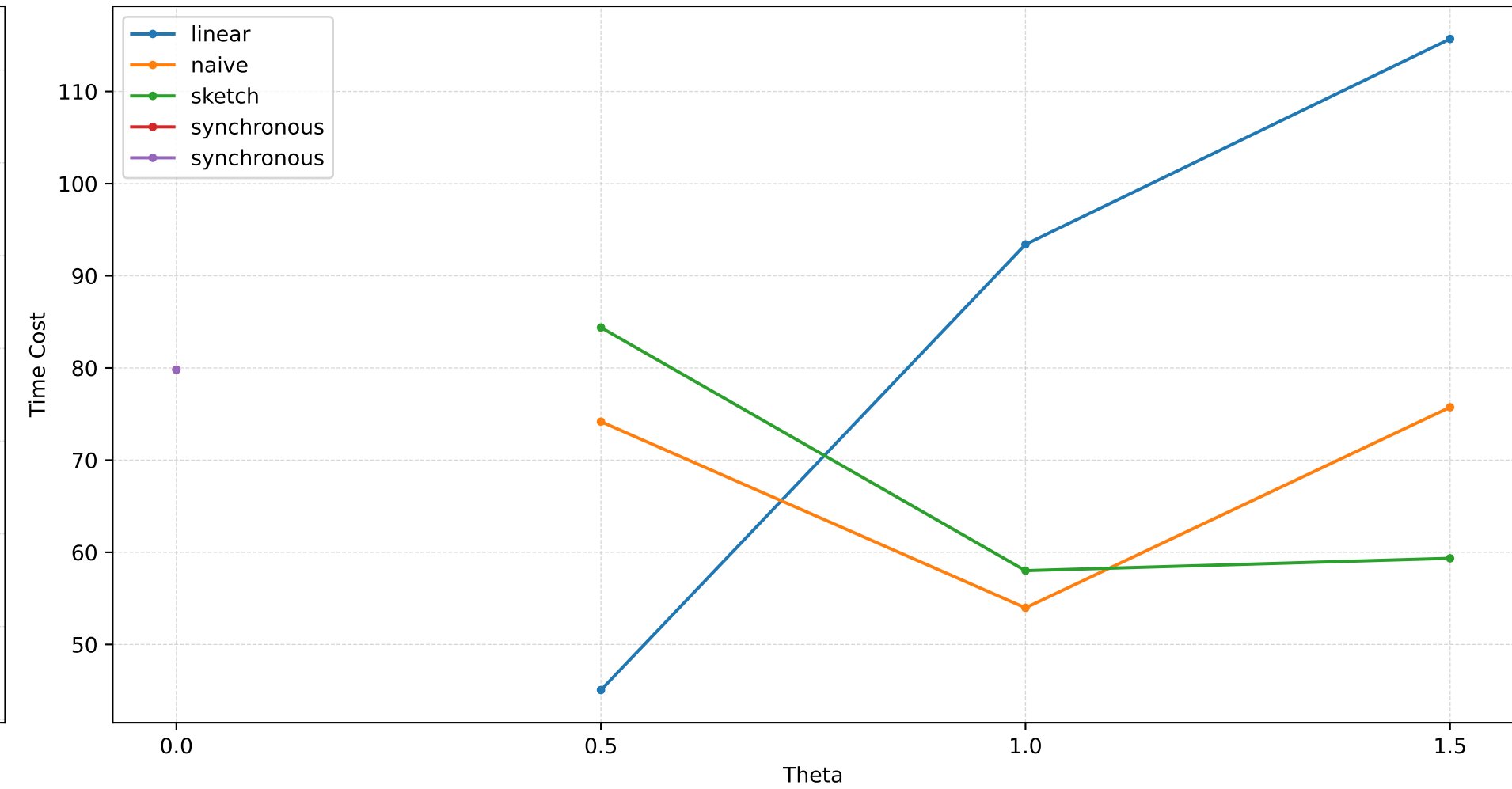


Num Clients : 40 , Batch Size : 128

Common Channel Communication Model

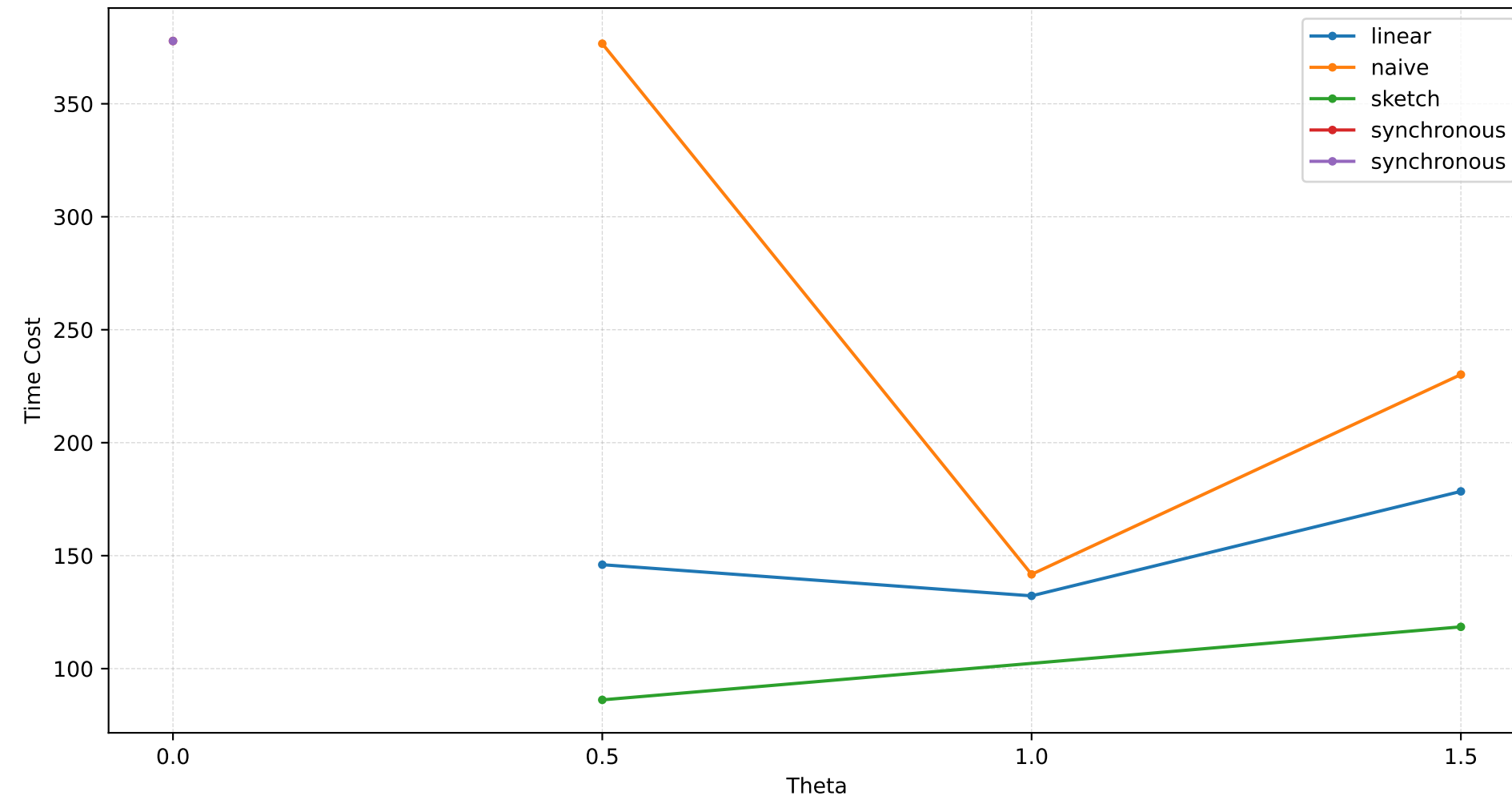


Hypercube Communication Model

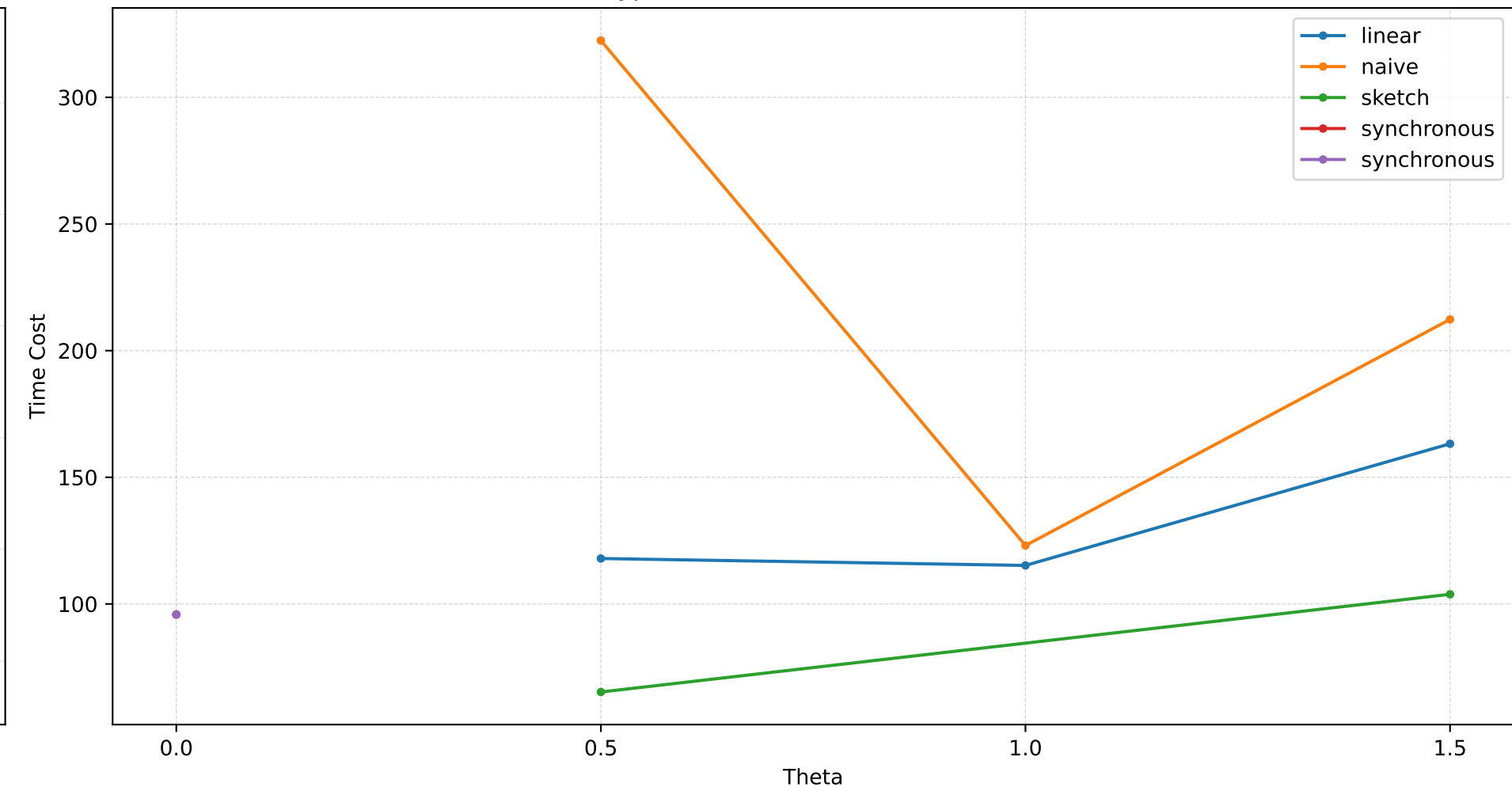


Num Clients : 40 , Batch Size : 256

Common Channel Communication Model



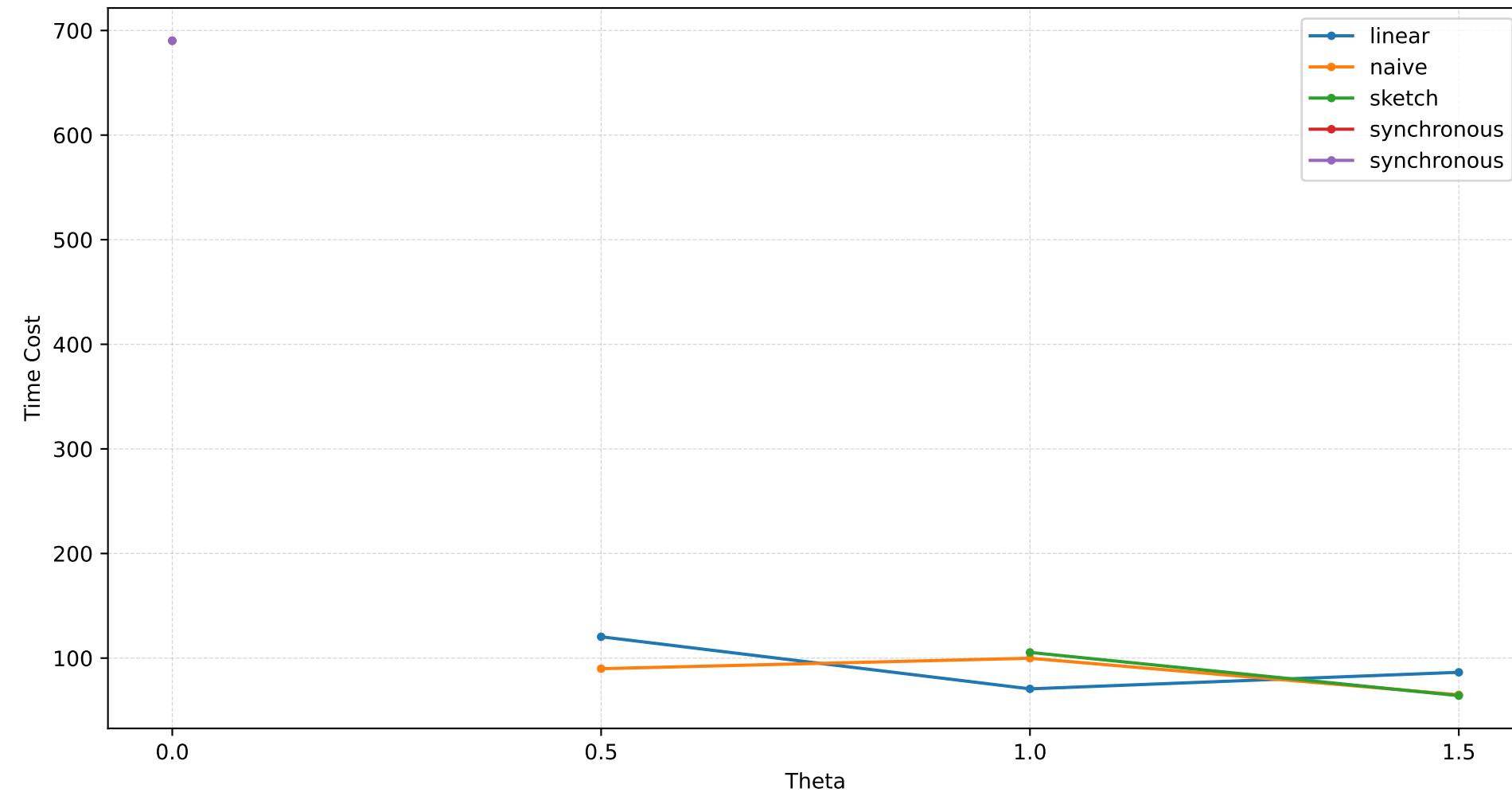
Hypercube Communication Model



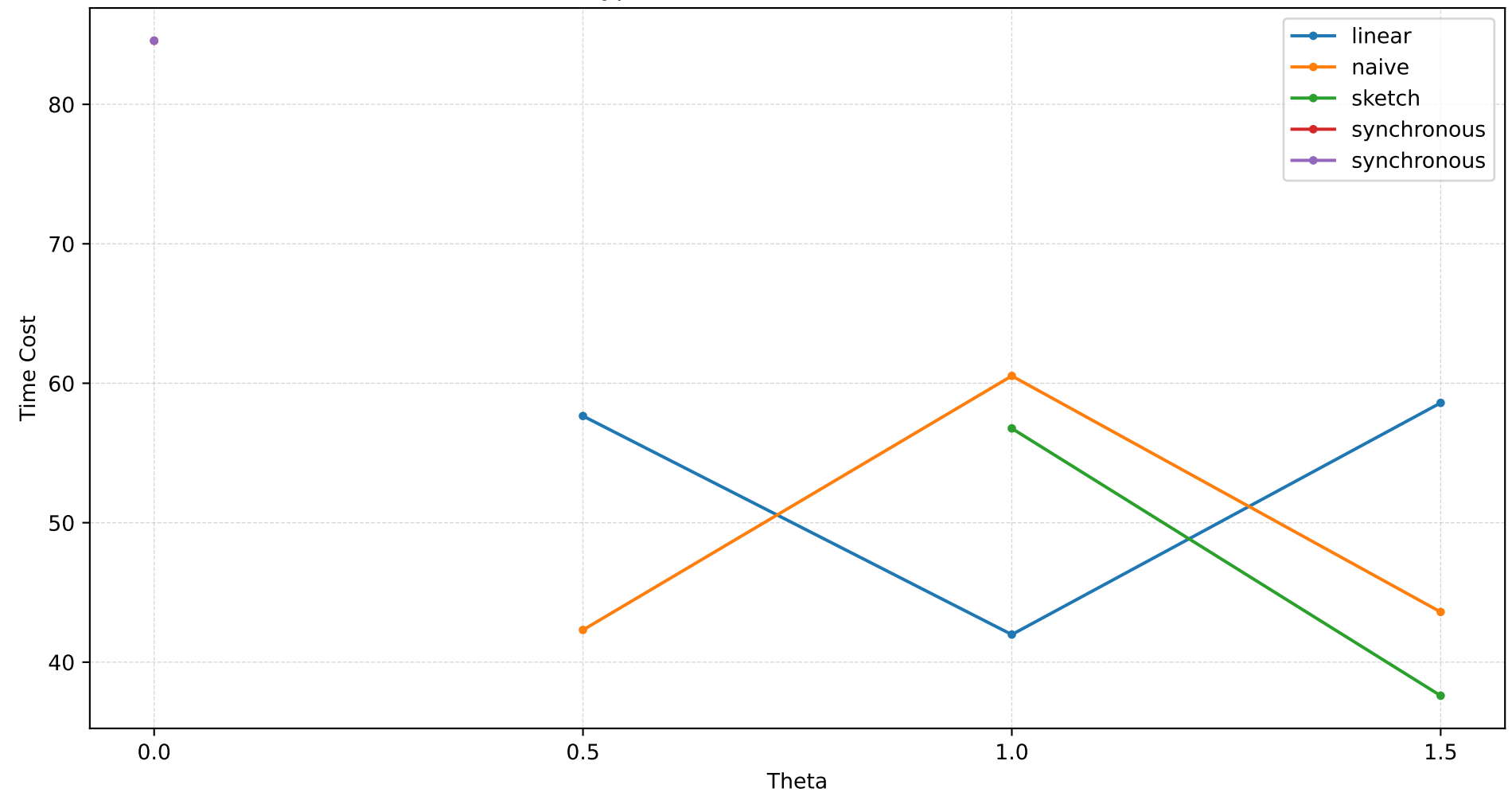


Num Clients : 45 , Batch Size : 32

Common Channel Communication Model

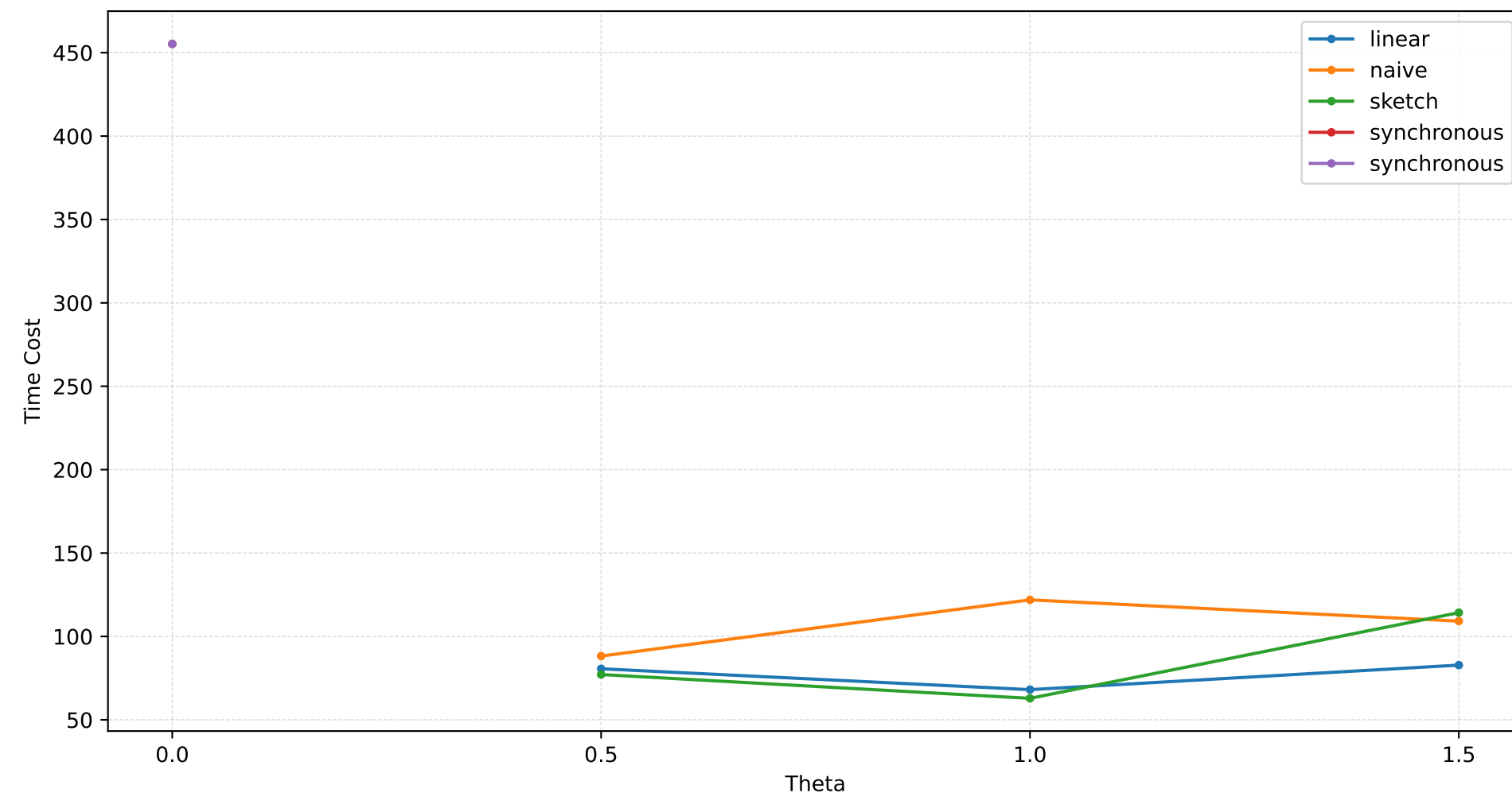


Hypercube Communication Model

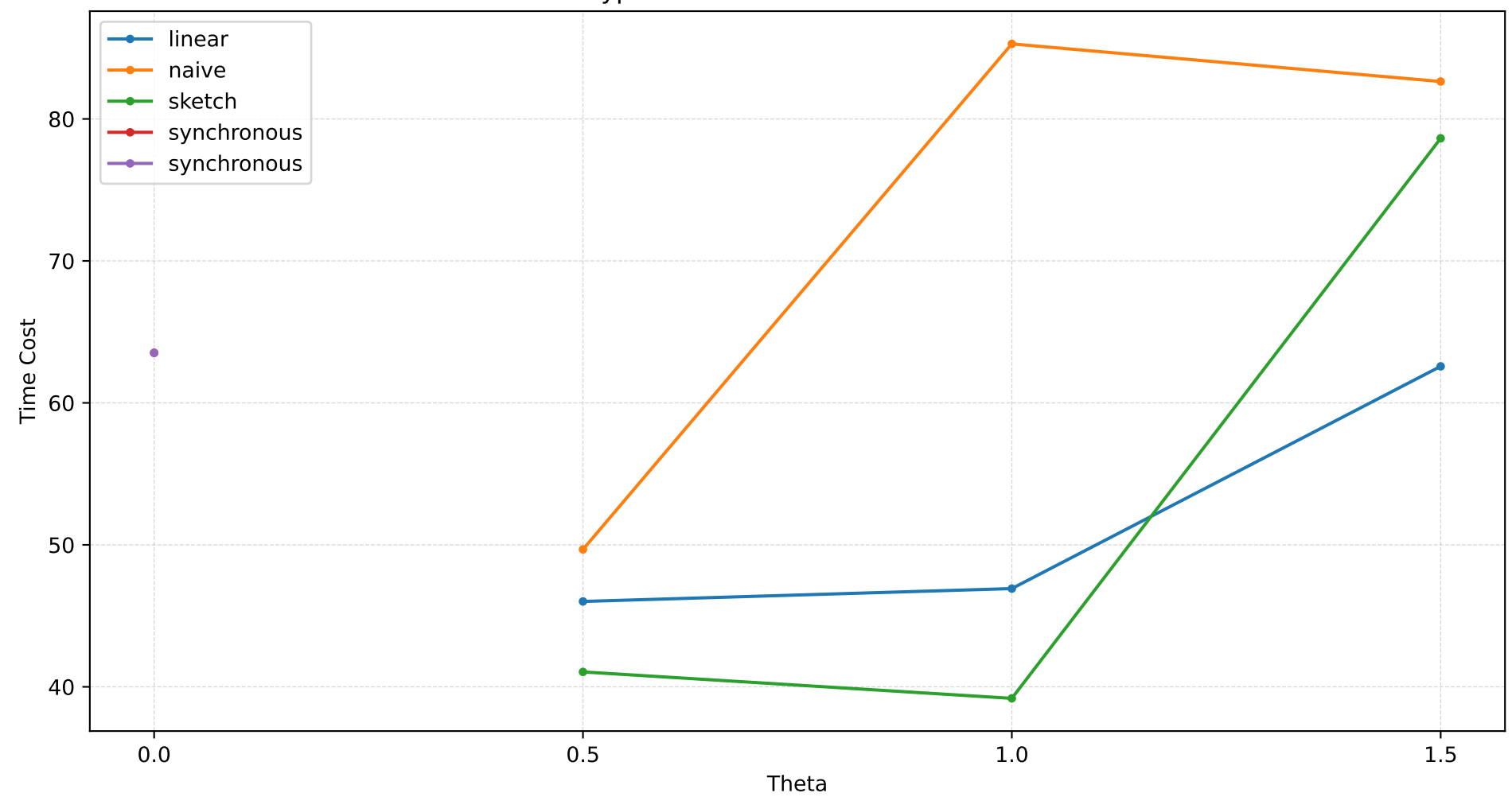


Num Clients : 45 , Batch Size : 64

Common Channel Communication Model

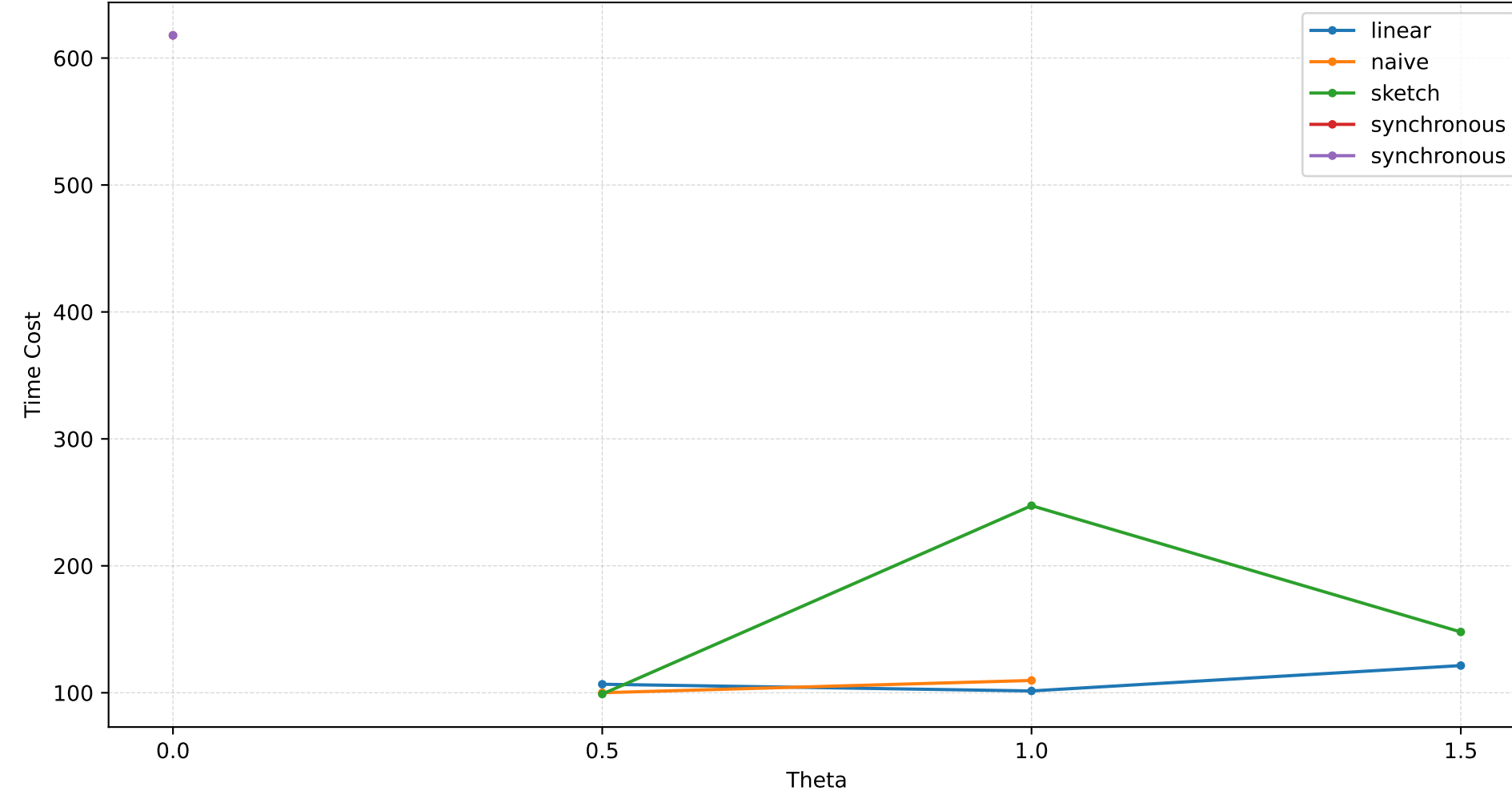


Hypercube Communication Model

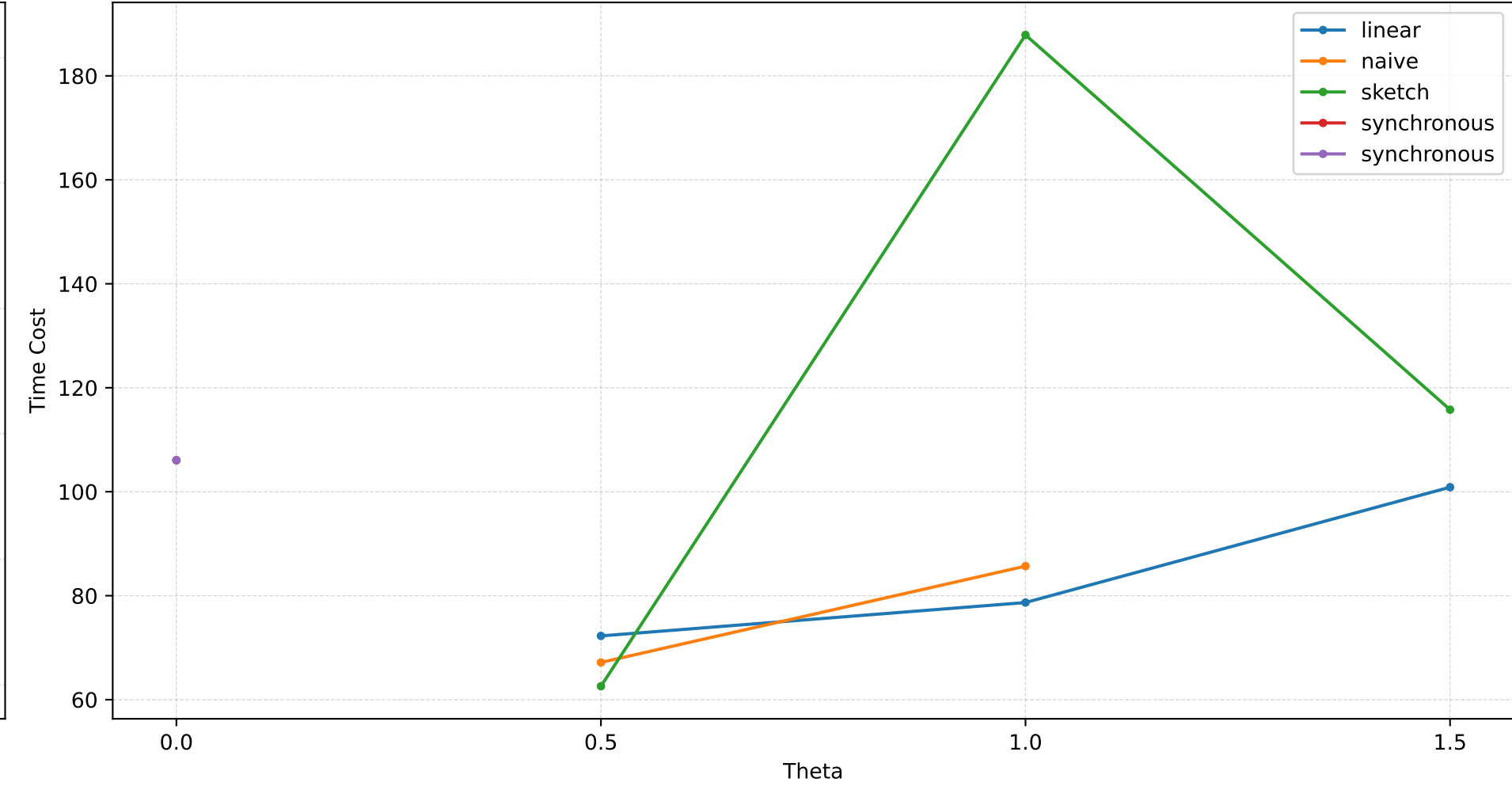


Num Clients : 45 , Batch Size : 128

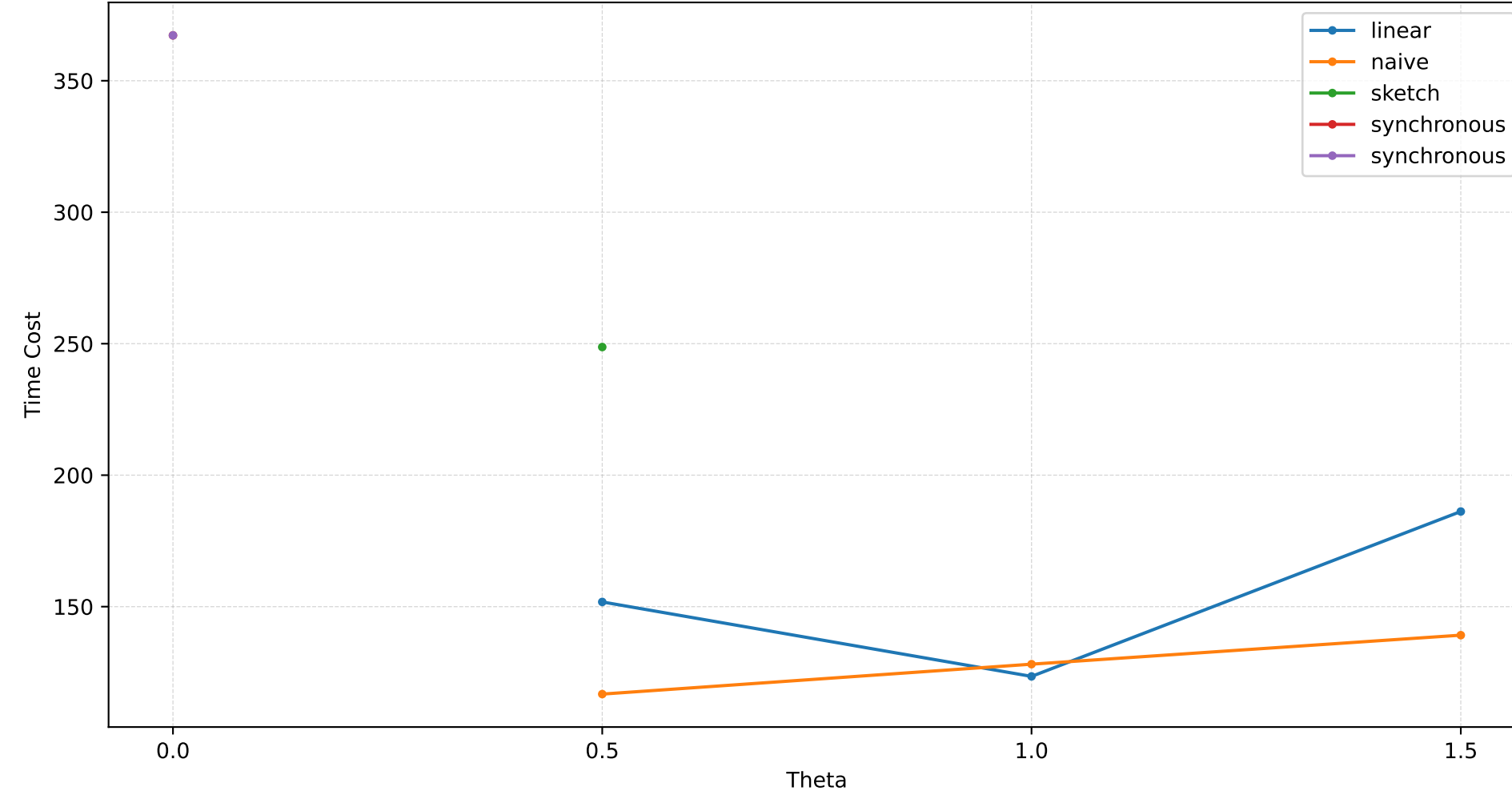
Common Channel Communication Model



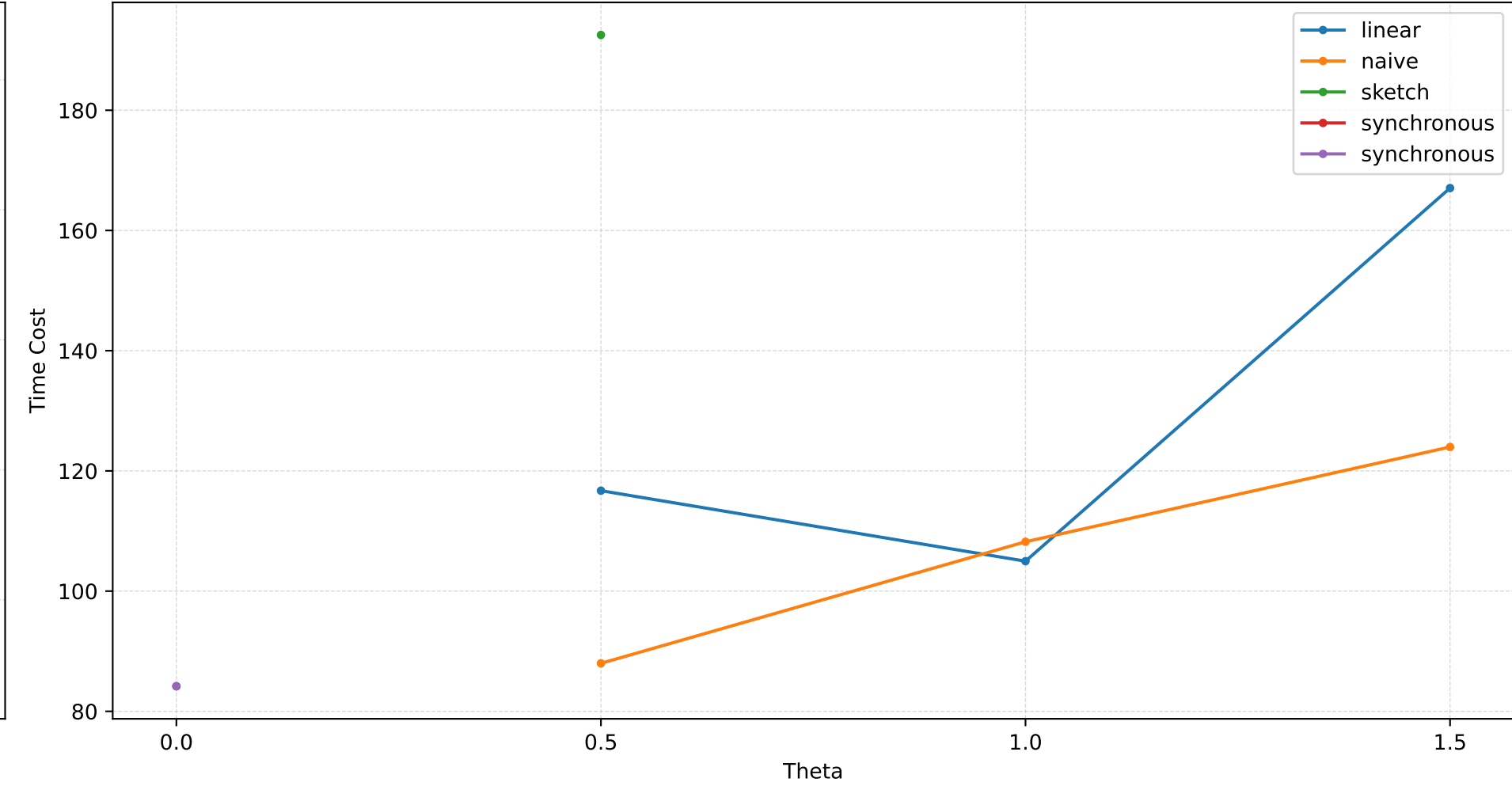
Hypercube Communication Model



Common Channel Communication Model

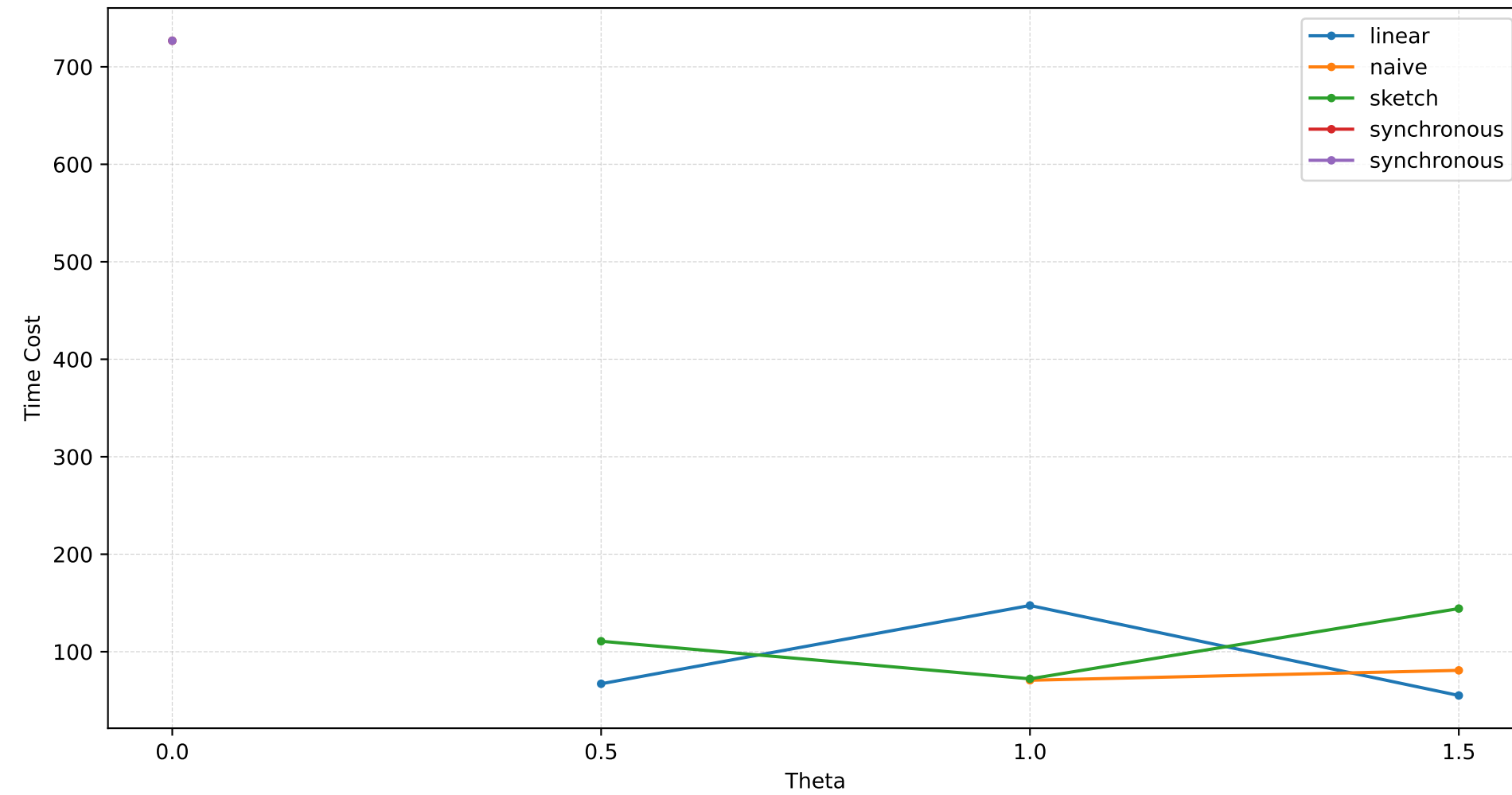


Hypercube Communication Model

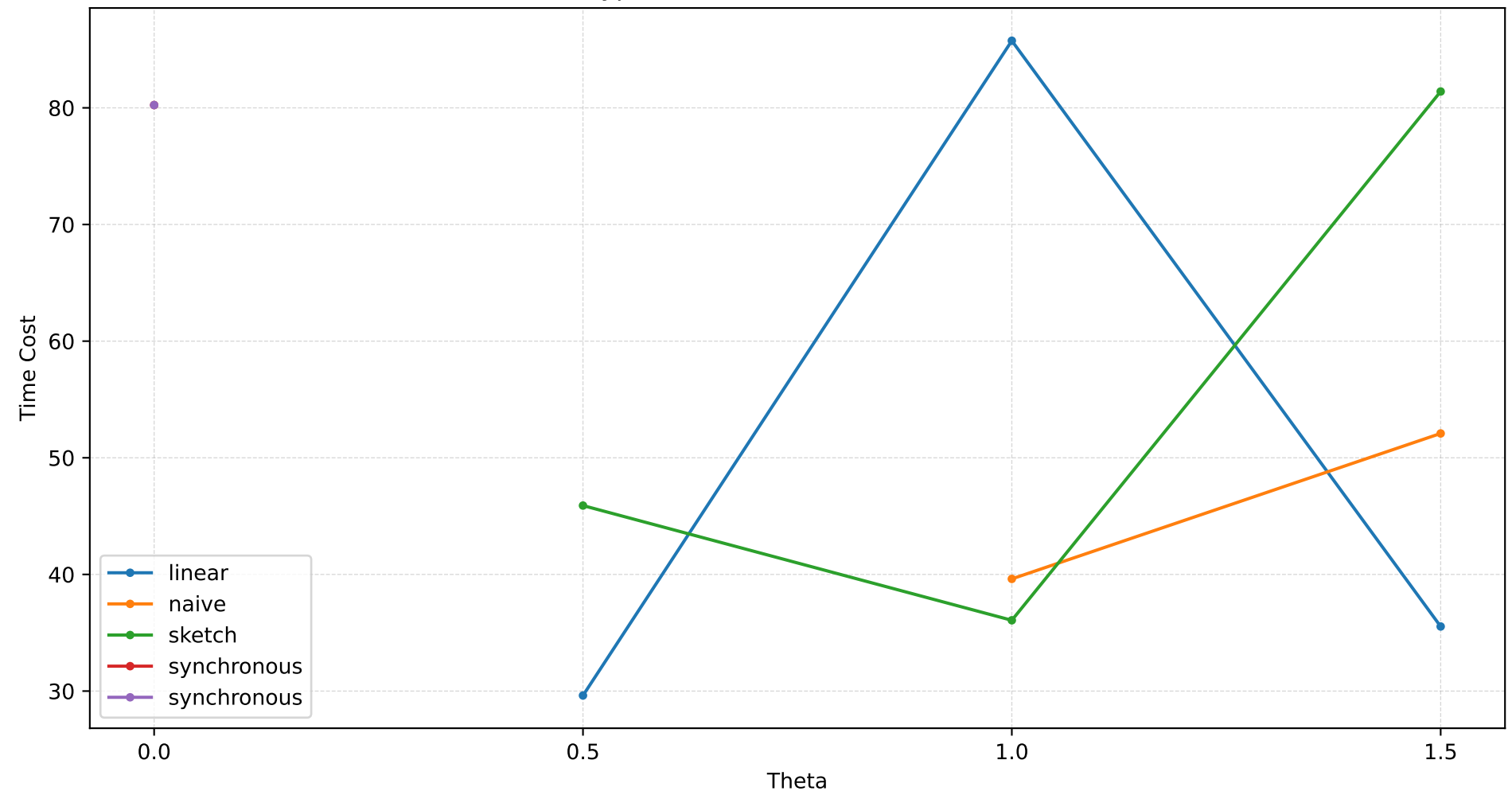


Num Clients : 50 , Batch Size : 32

Common Channel Communication Model

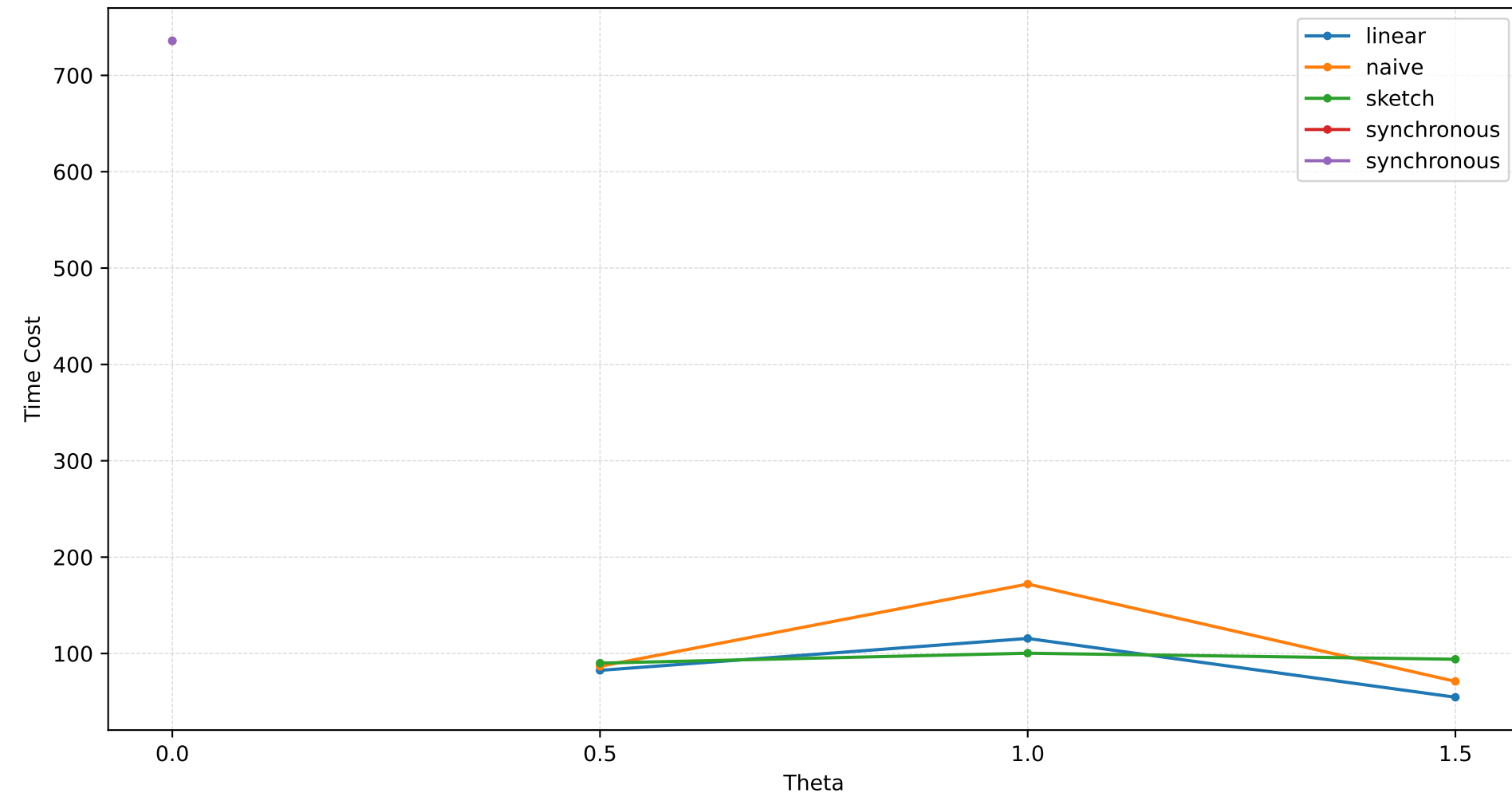


Hypercube Communication Model

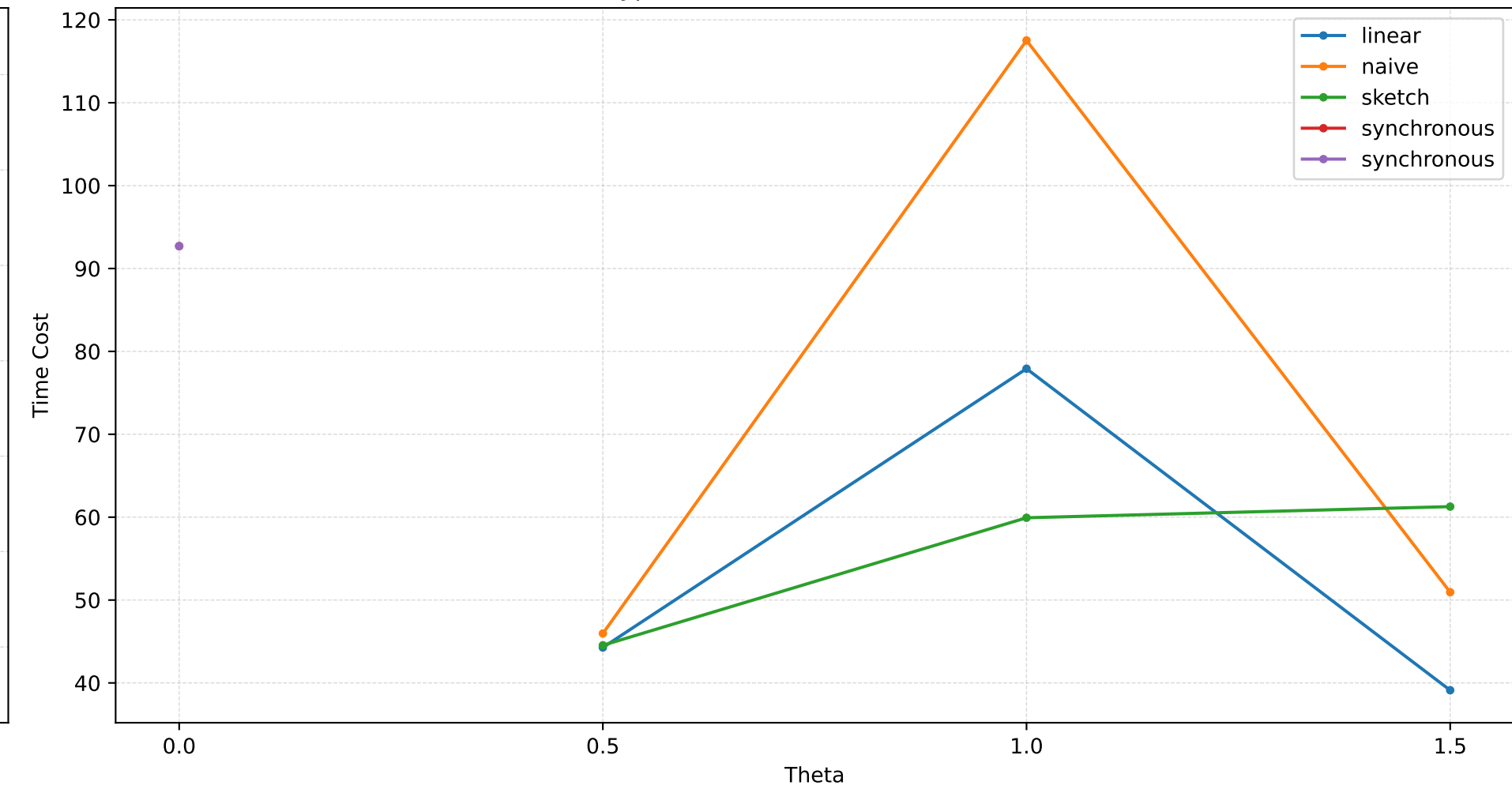


Num Clients : 50 , Batch Size : 64

Common Channel Communication Model

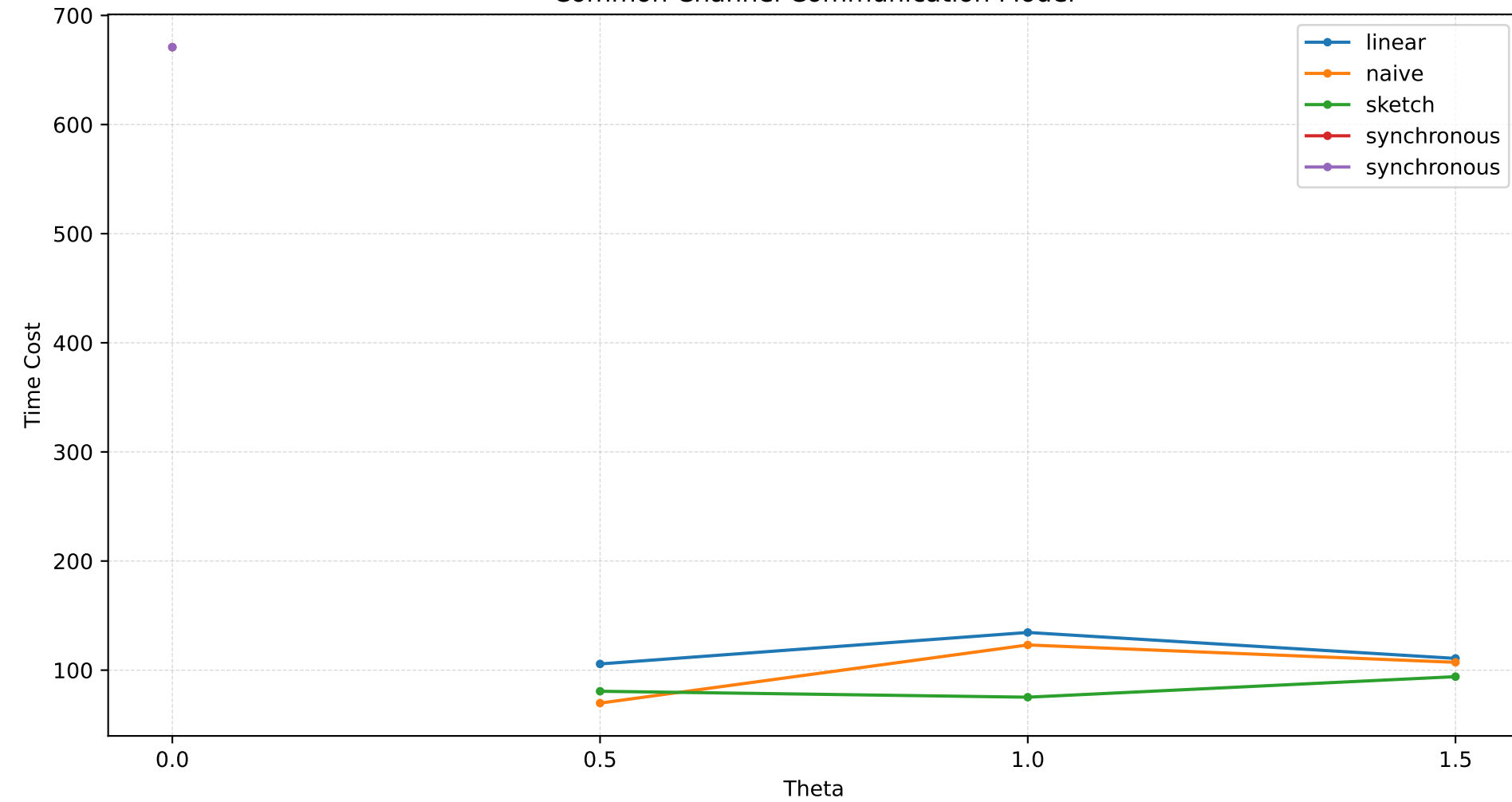


Hypercube Communication Model

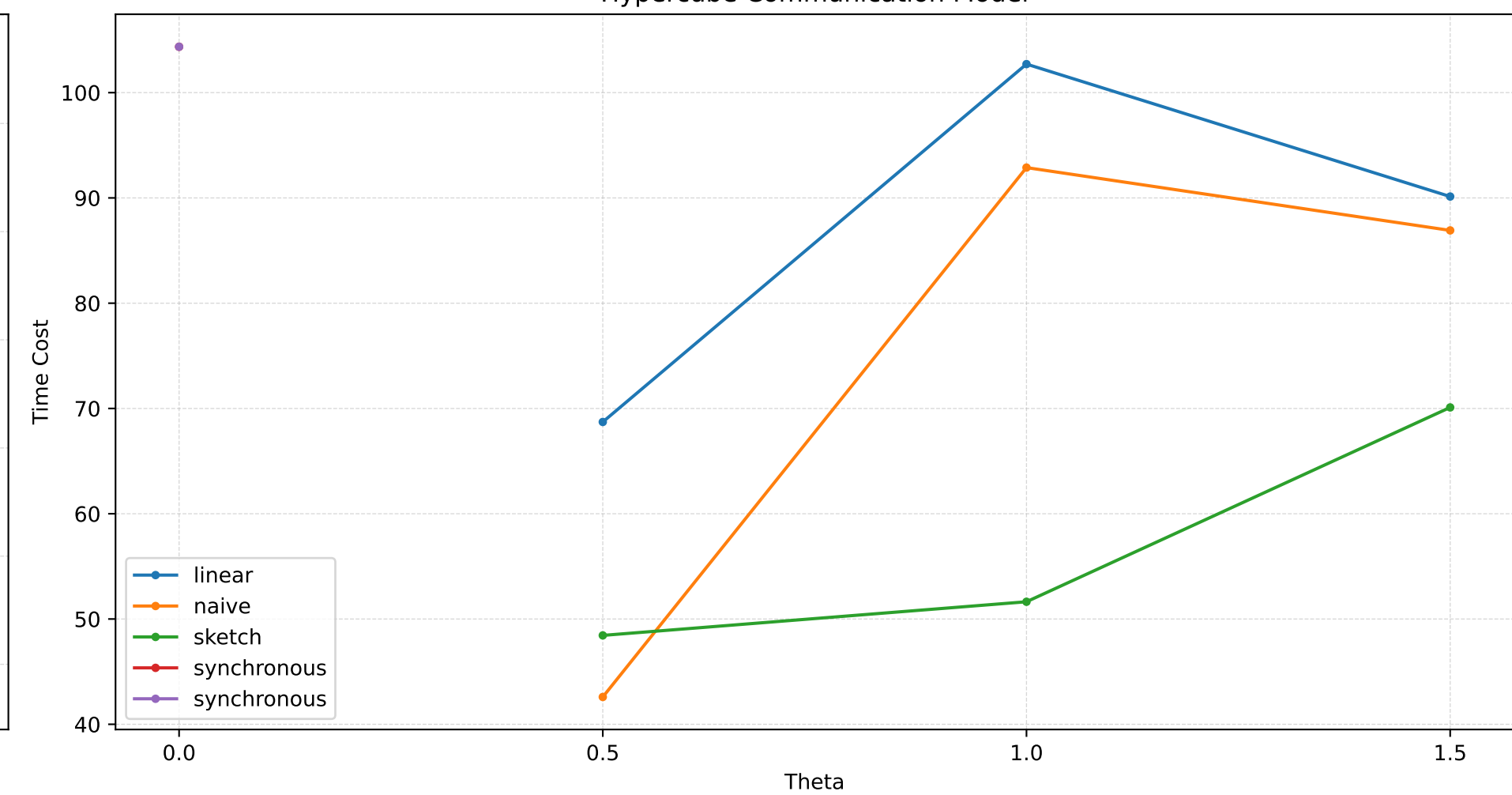


Num Clients : 50 , Batch Size : 128

Common Channel Communication Model

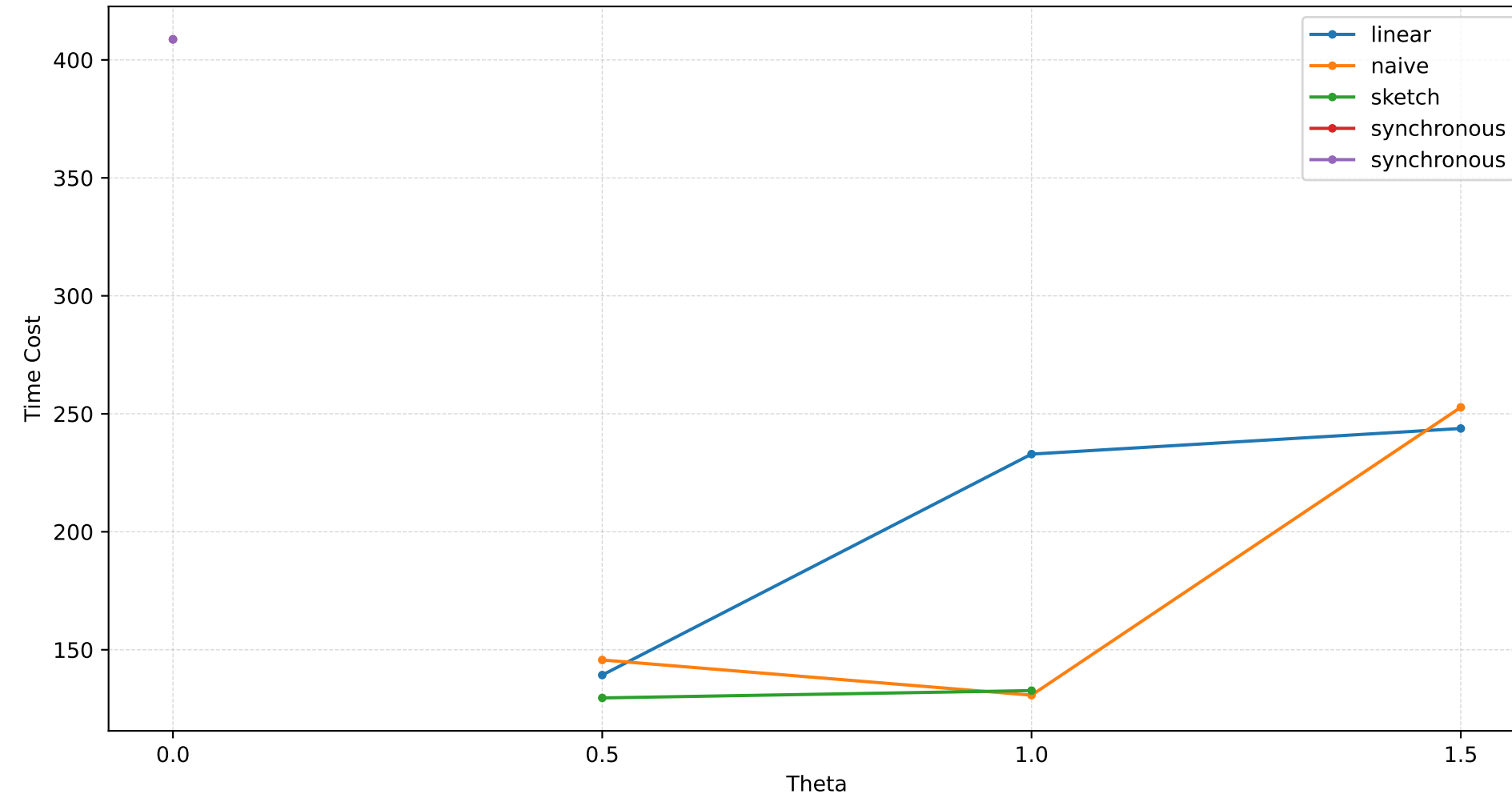


Hypercube Communication Model

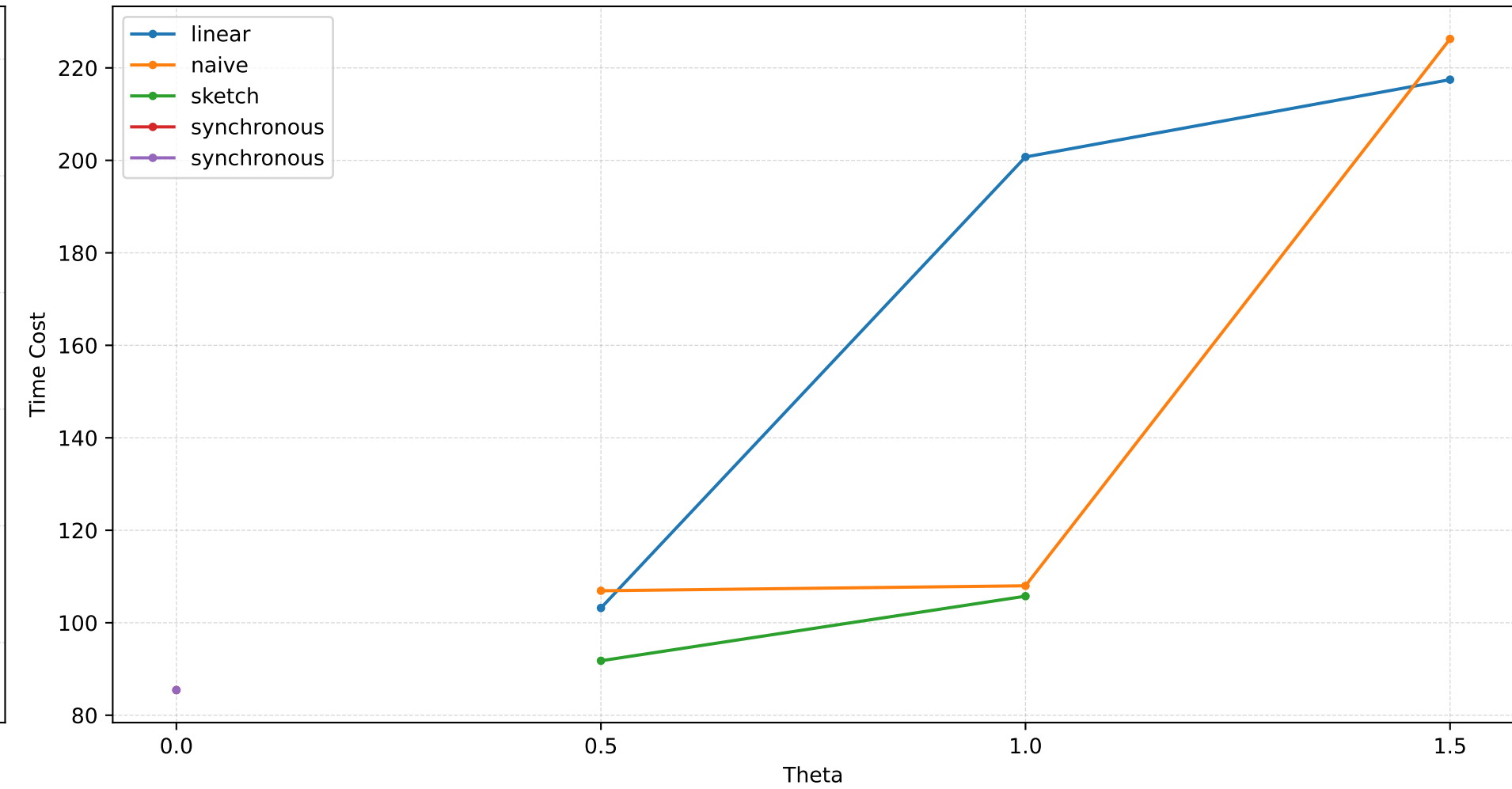


Num Clients : 50 , Batch Size : 256

Common Channel Communication Model



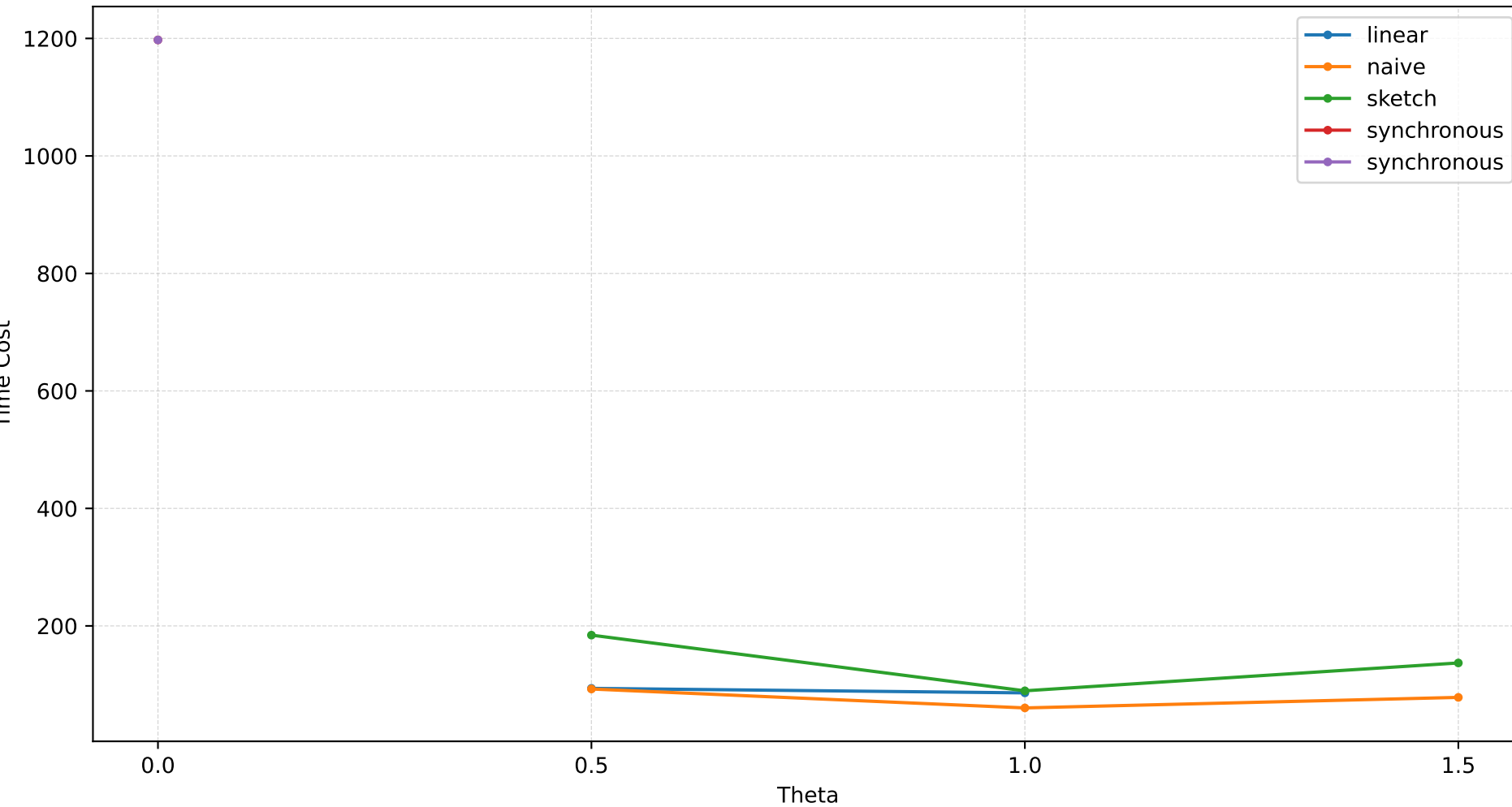
Hypercube Communication Model



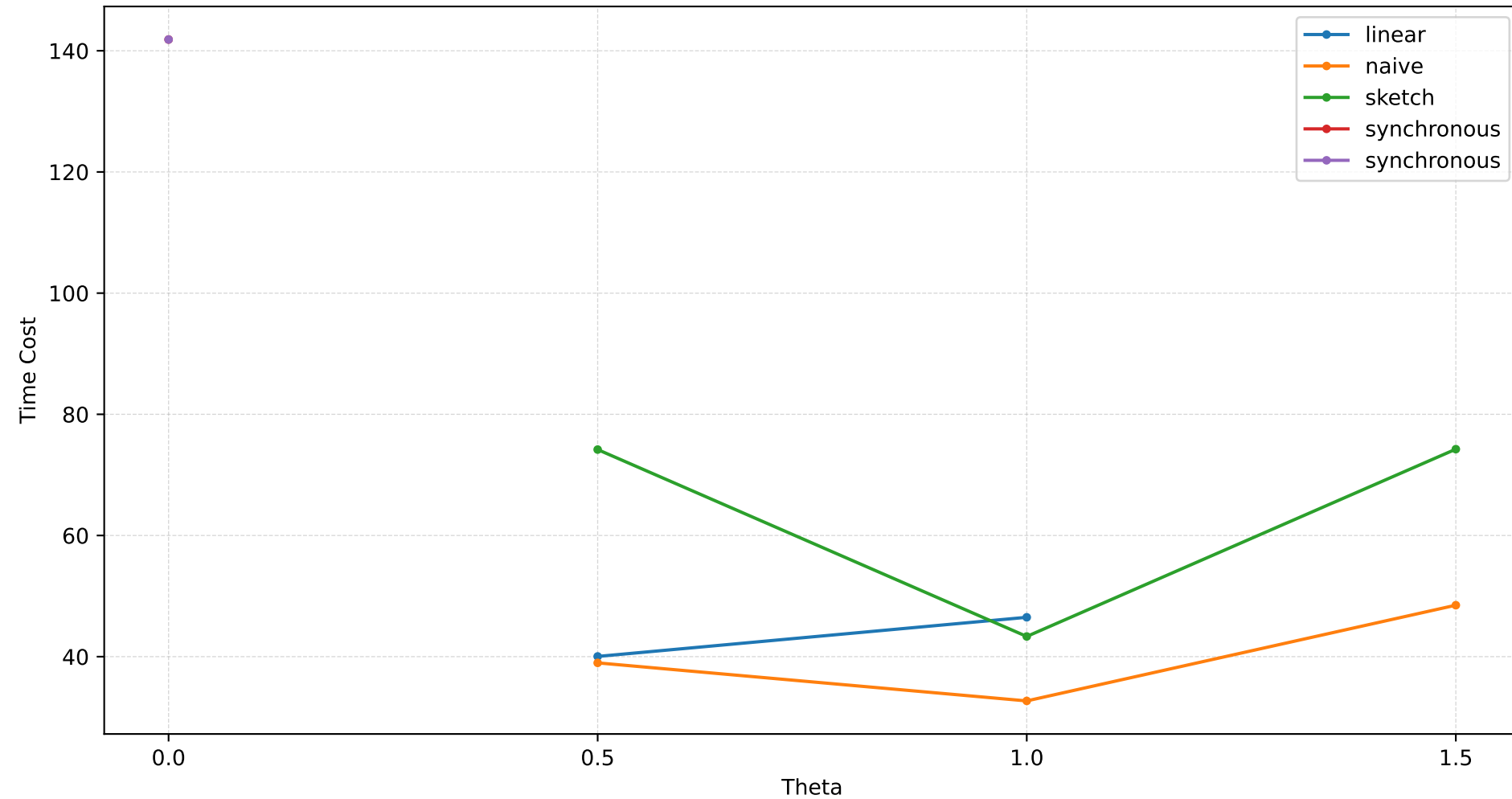


Num Clients : 55 , Batch Size : 32

Common Channel Communication Model

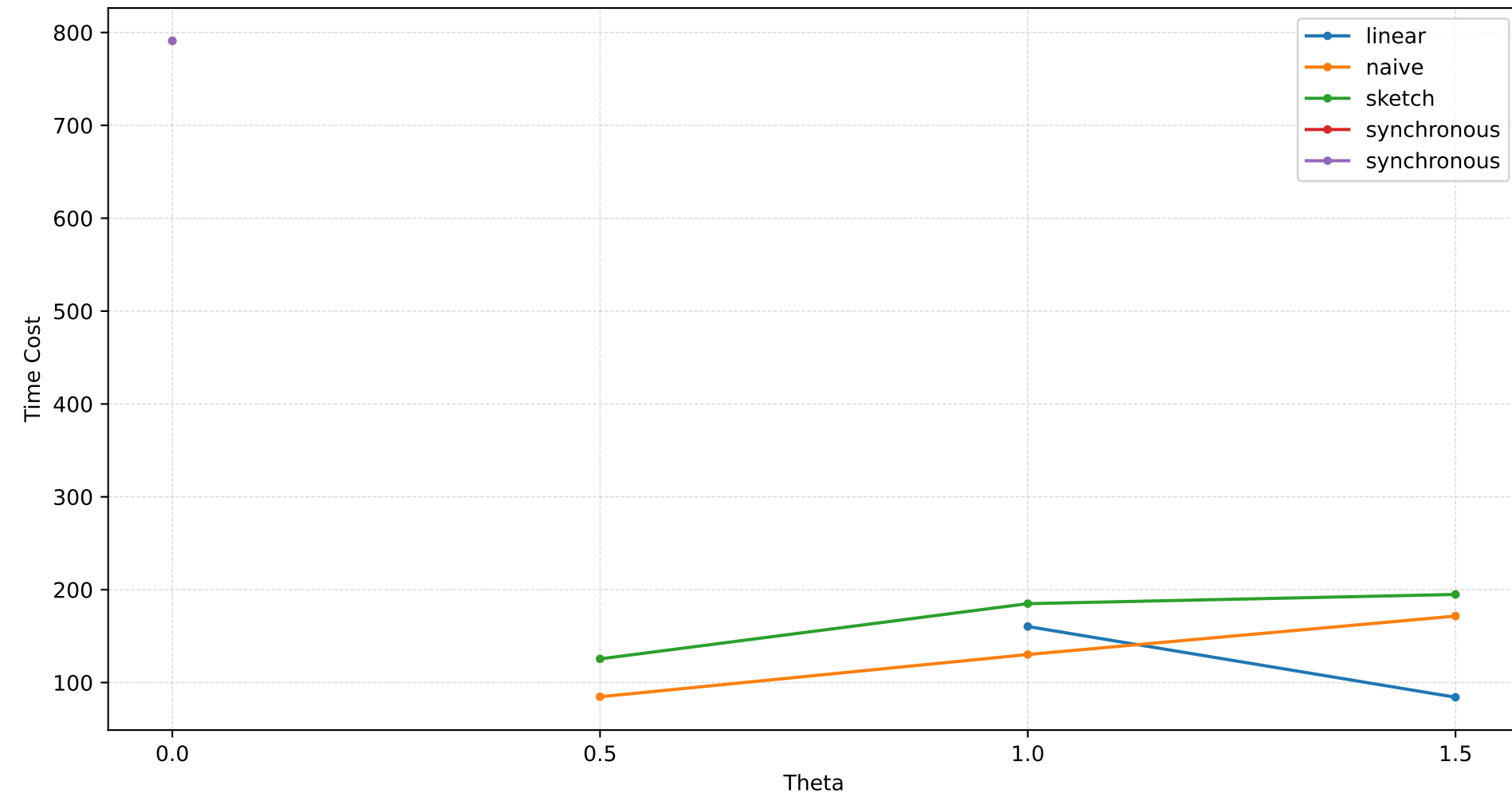


Hypercube Communication Model

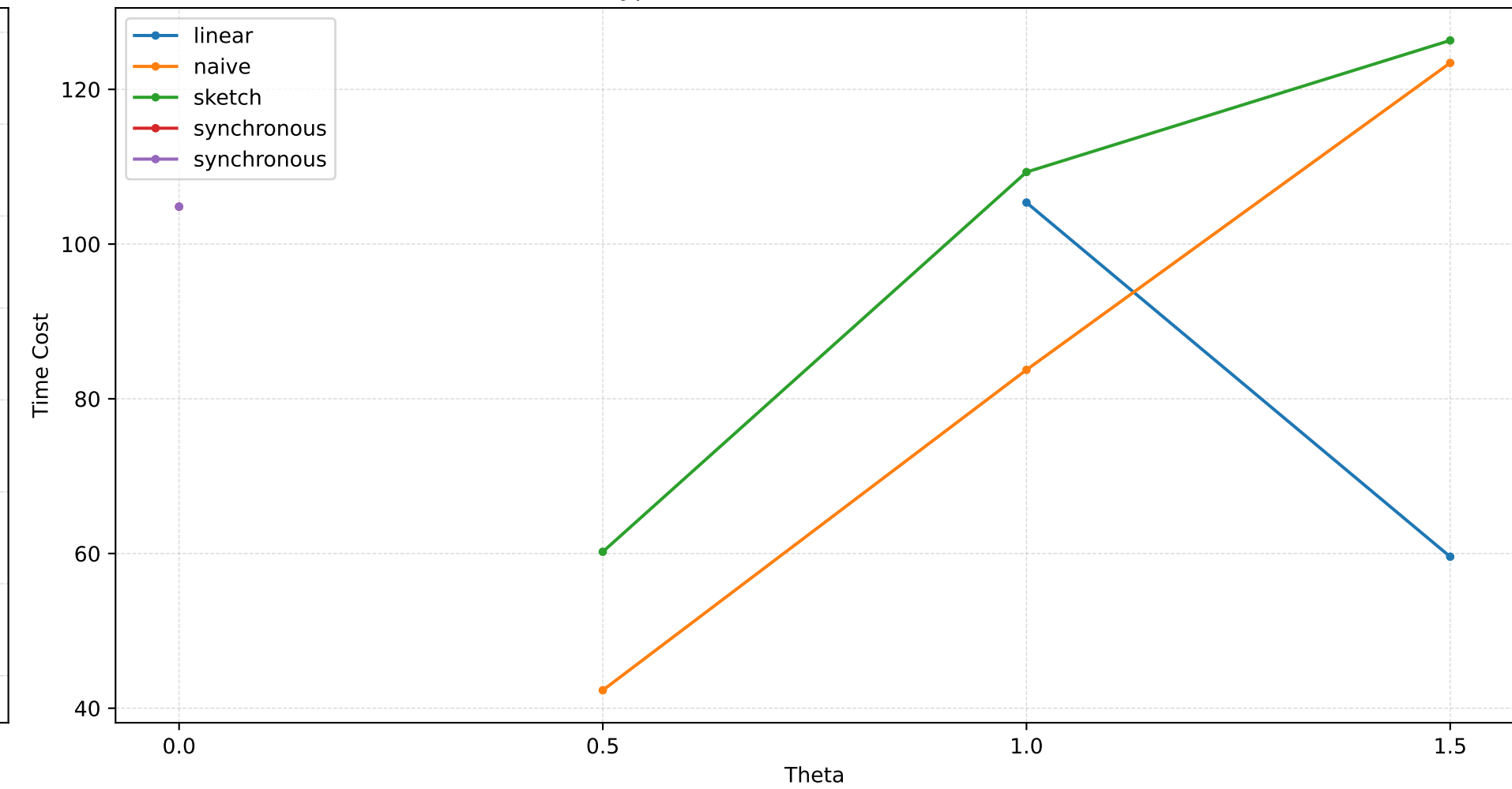


Num Clients : 55 , Batch Size : 64

Common Channel Communication Model

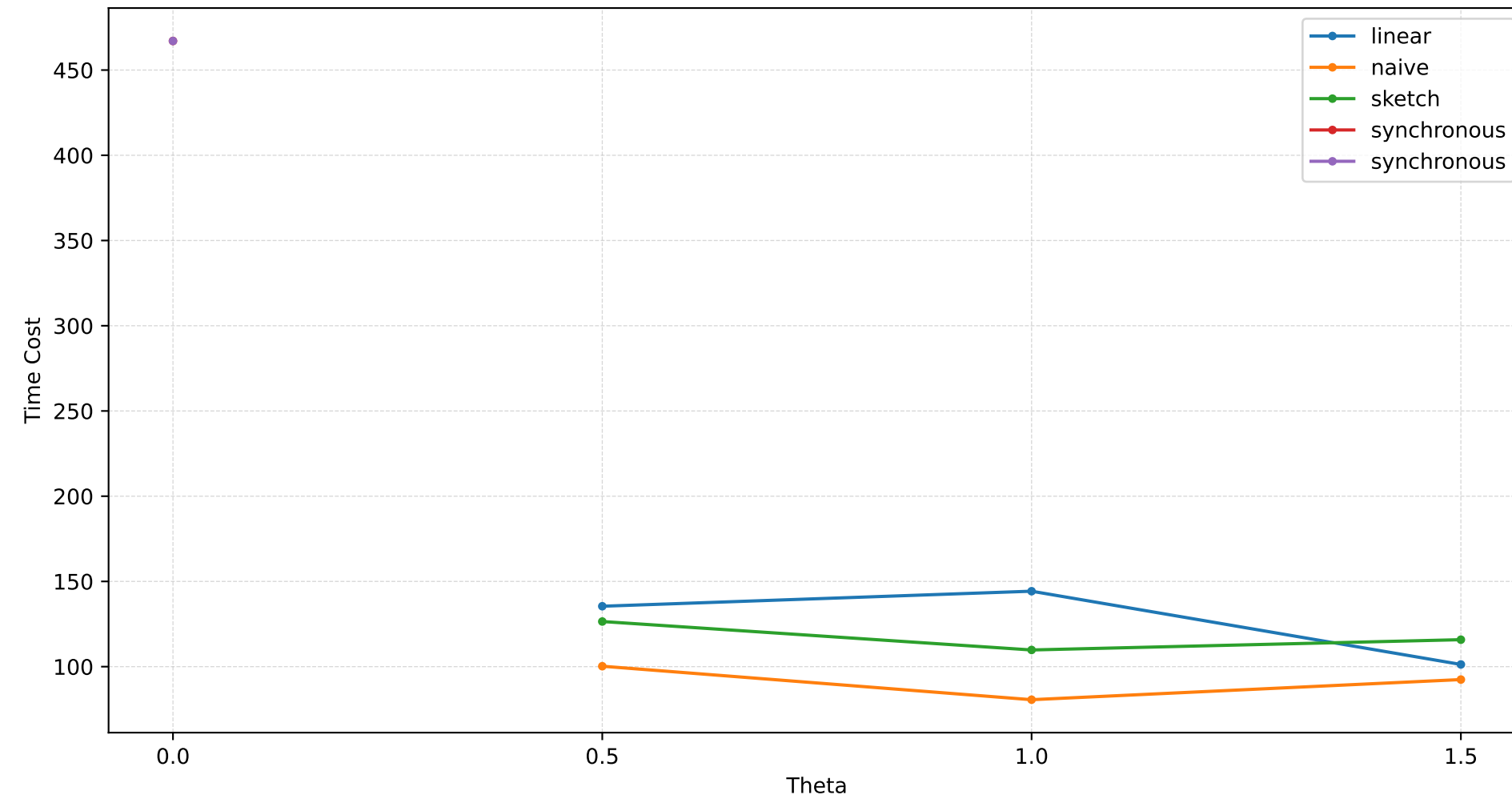


Hypercube Communication Model

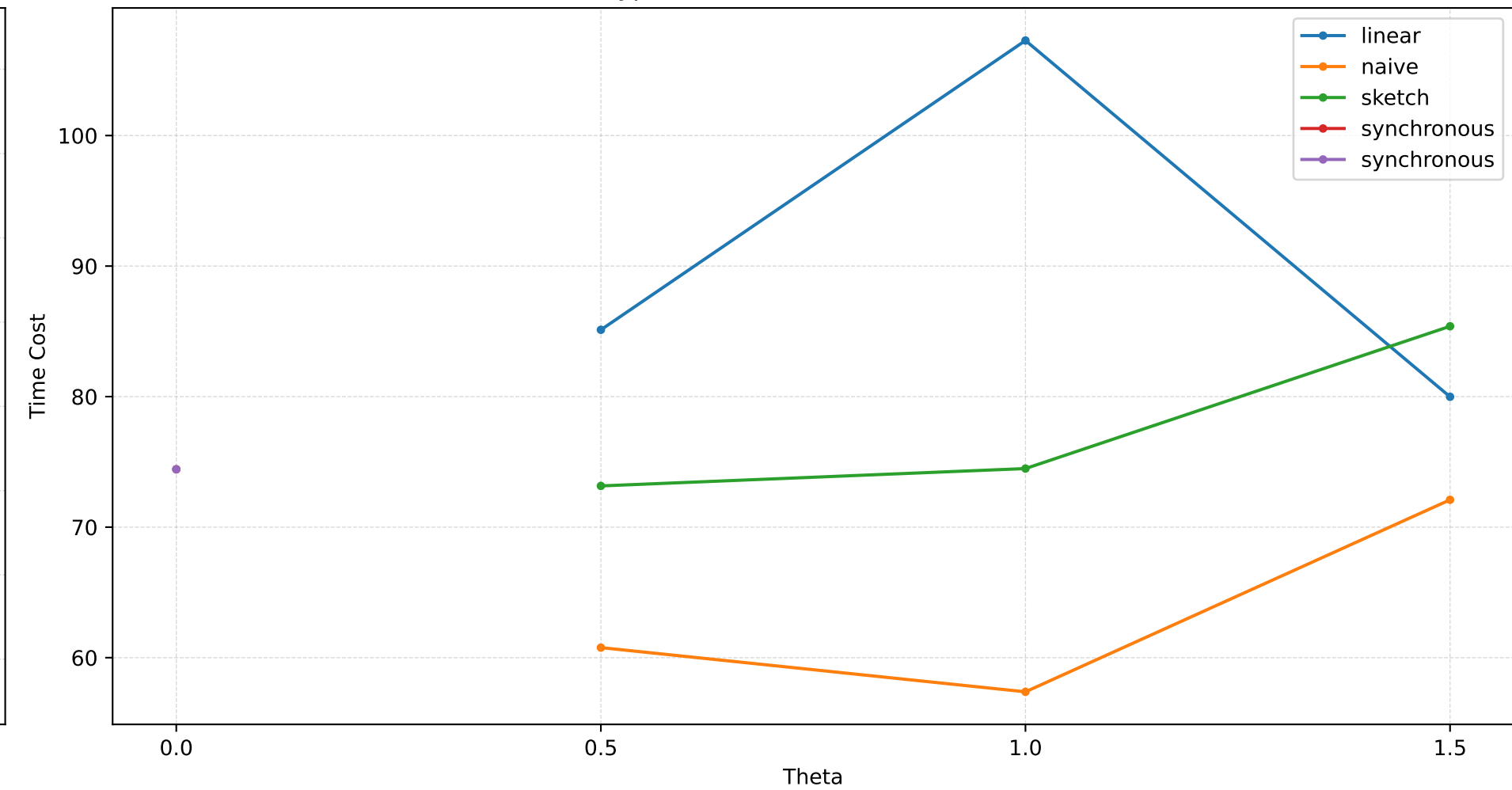


Num Clients : 55 , Batch Size : 128

Common Channel Communication Model

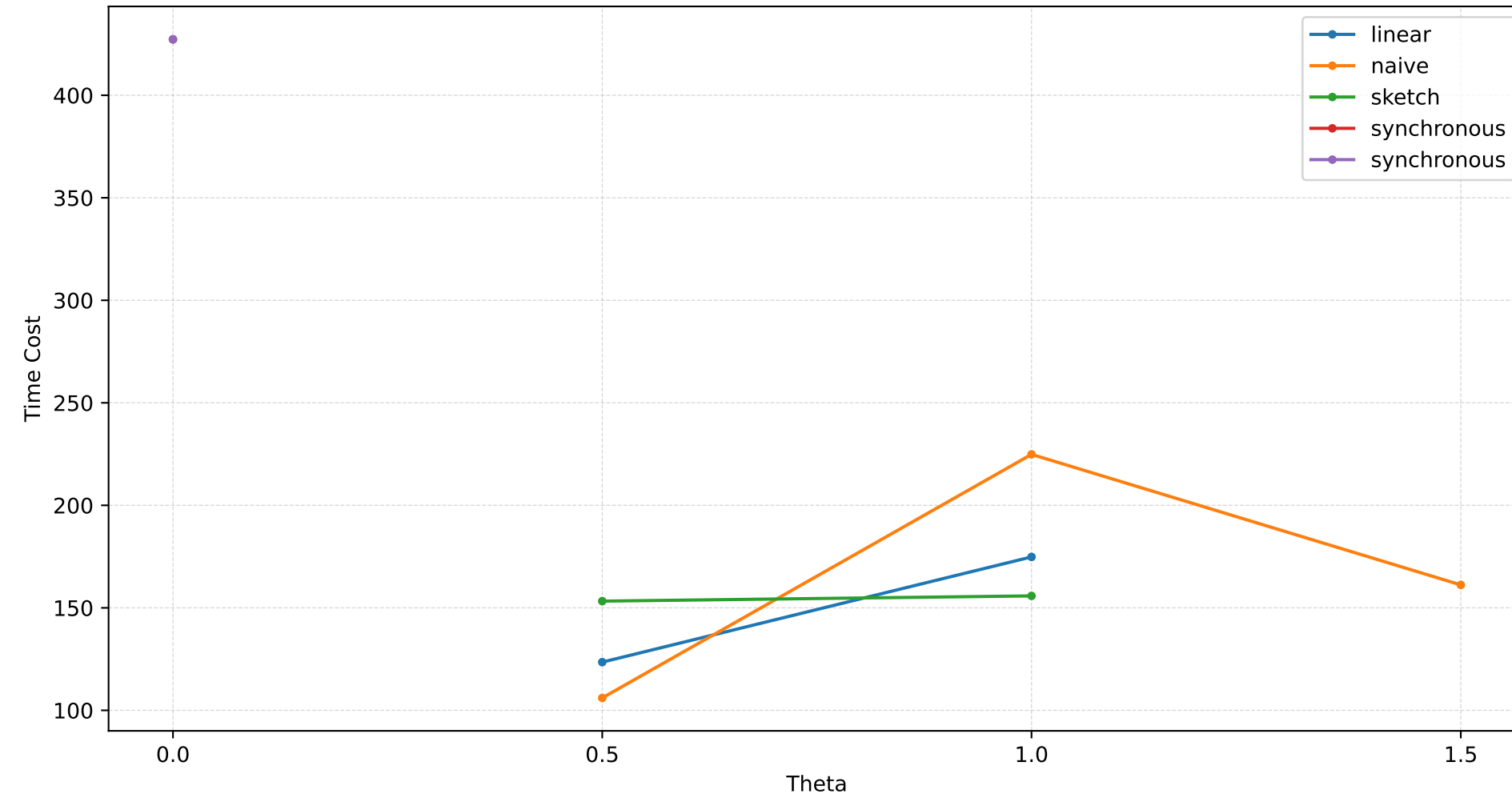


Hypercube Communication Model

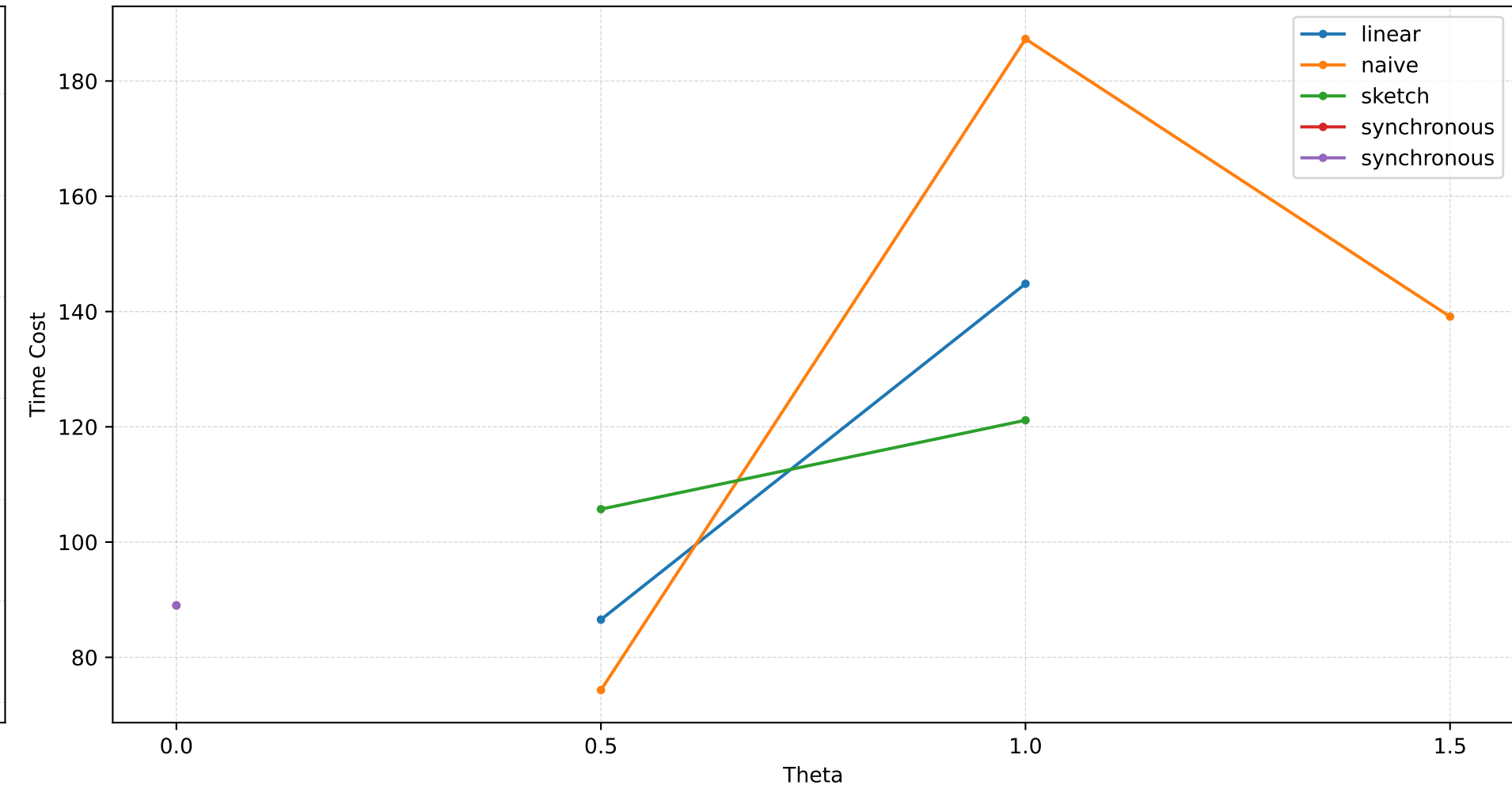


Num Clients : 55 , Batch Size : 256

Common Channel Communication Model

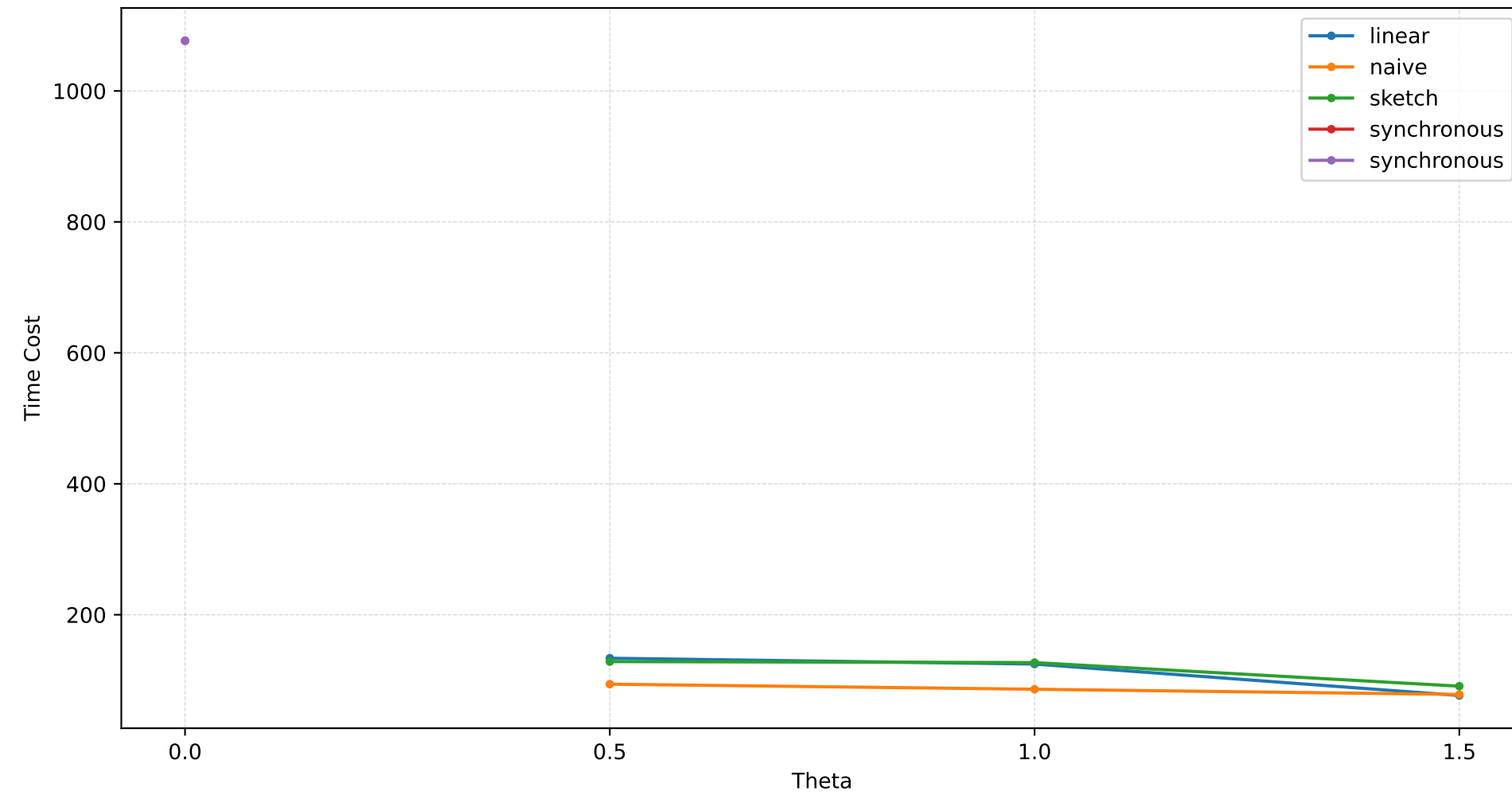


Hypercube Communication Model

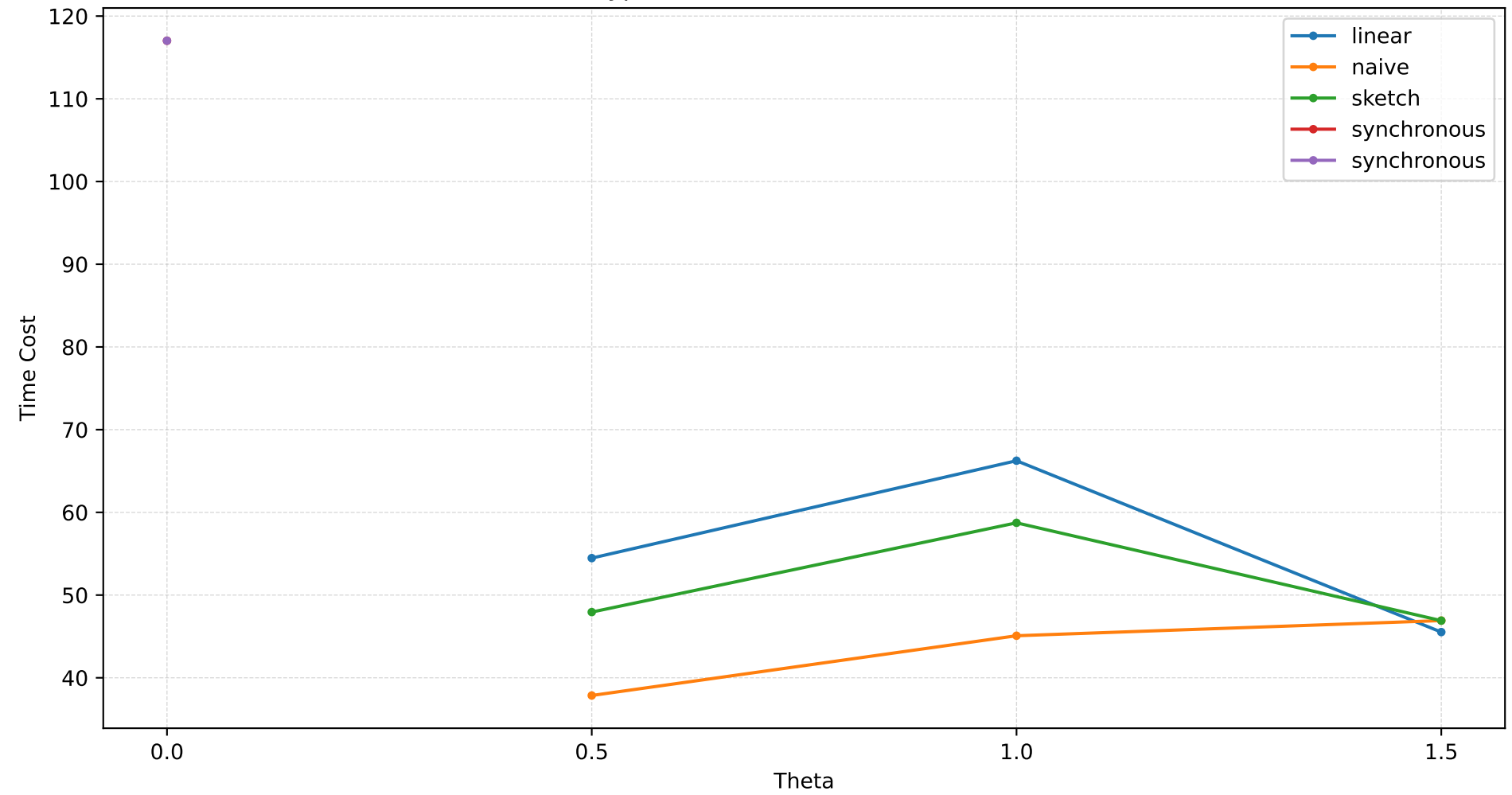


Num Clients : 60 , Batch Size : 32

Common Channel Communication Model

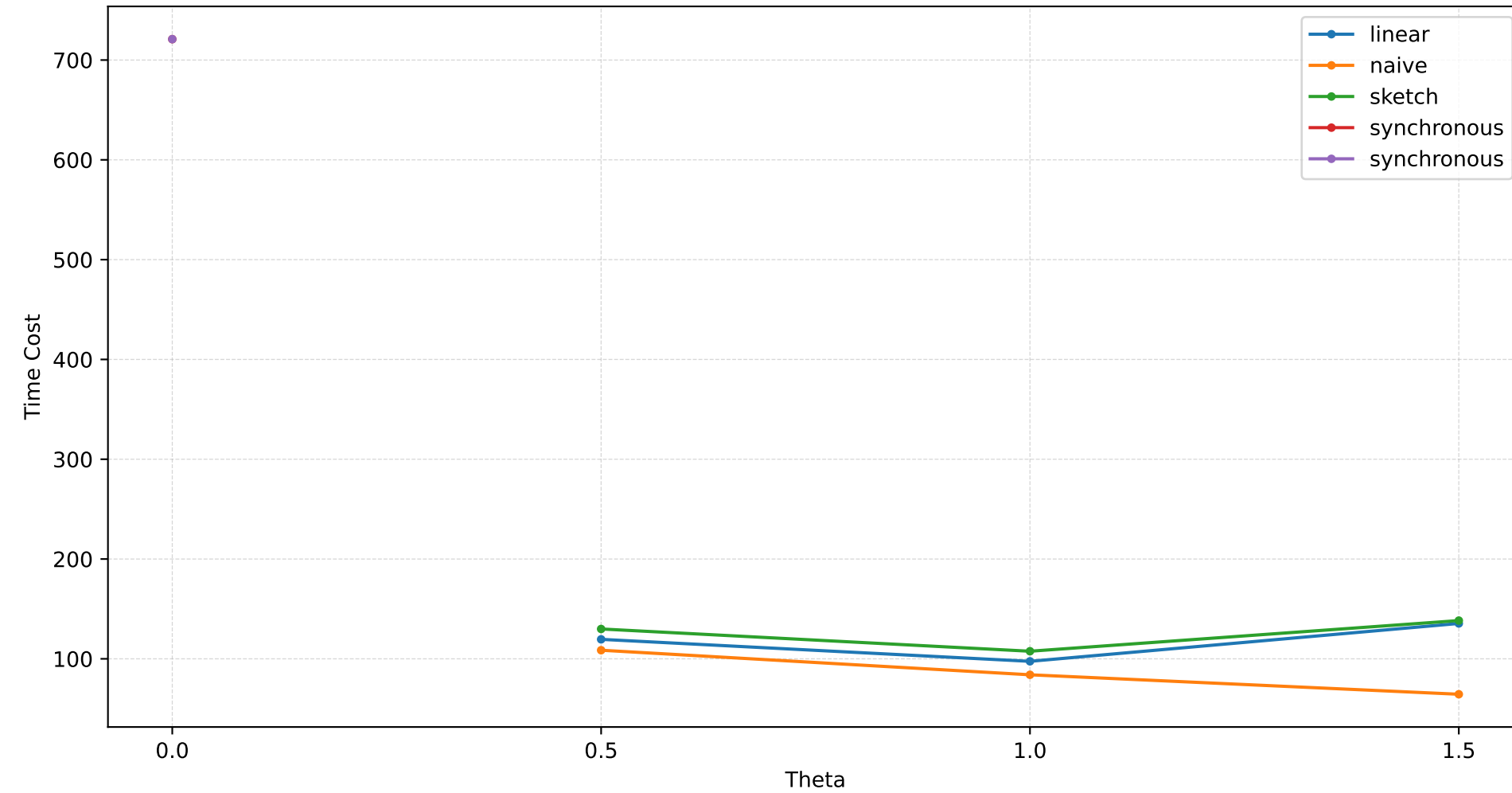


Hypercube Communication Model

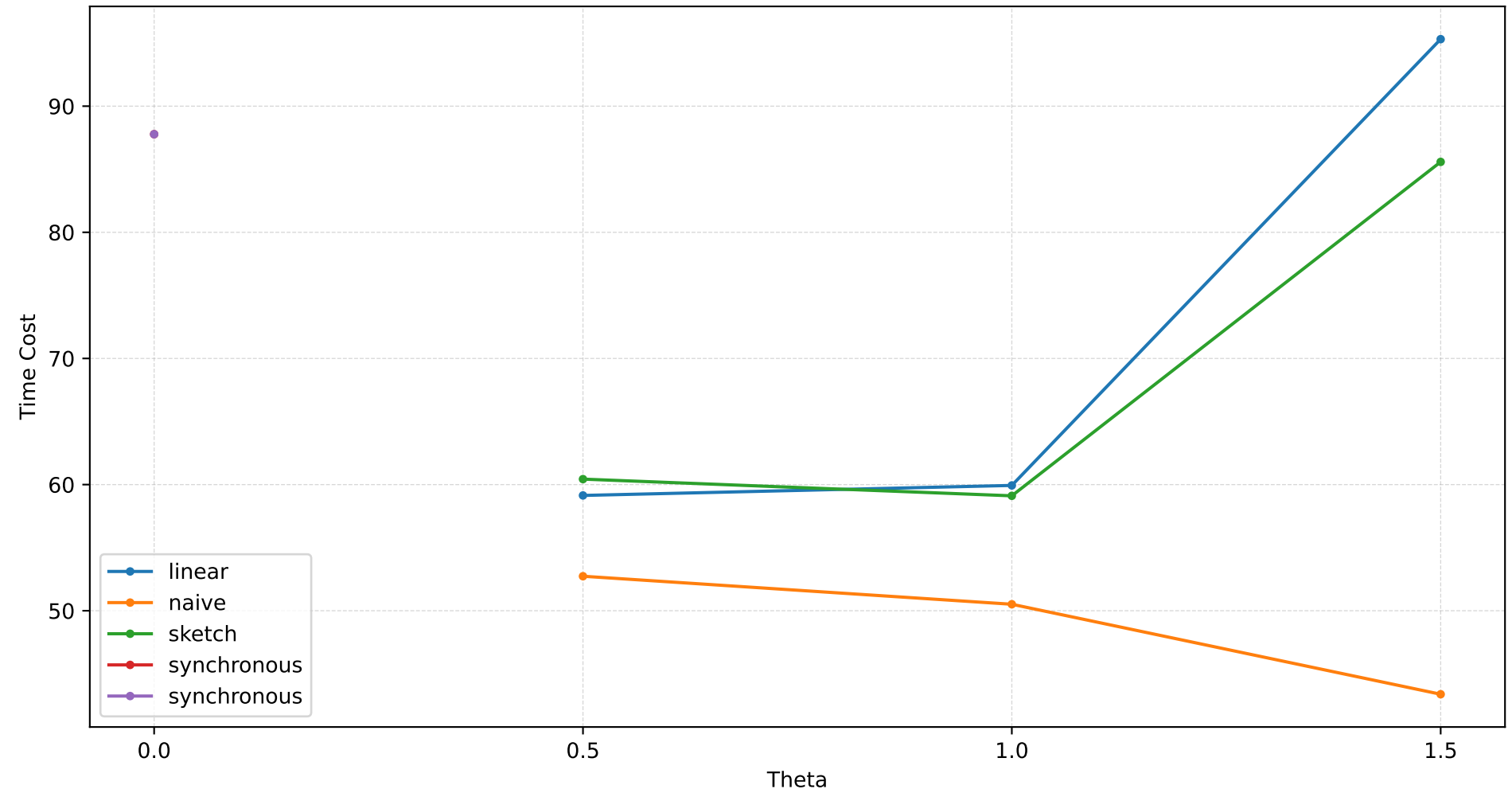


Num Clients : 60 , Batch Size : 64

Common Channel Communication Model

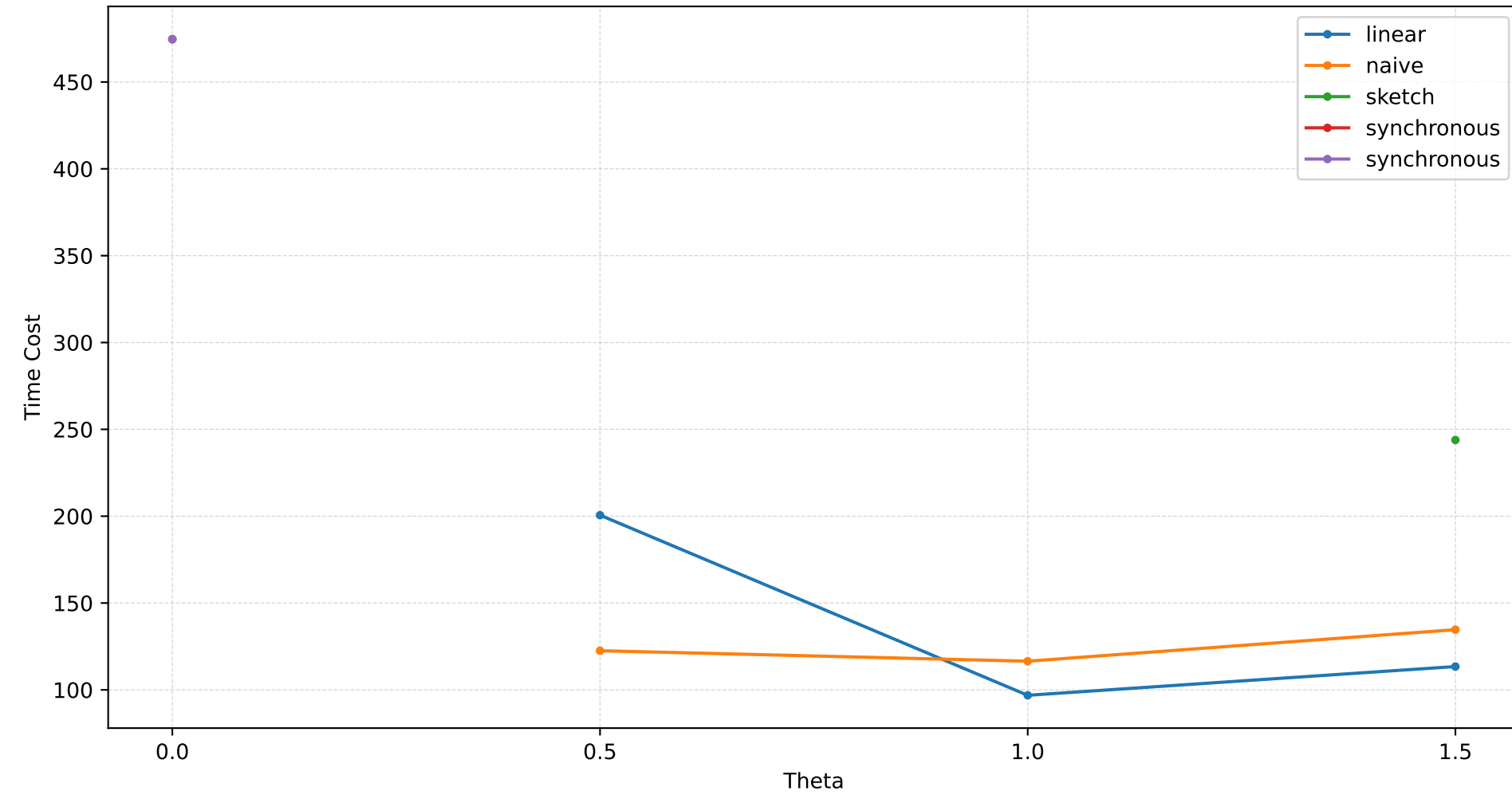


Hypercube Communication Model

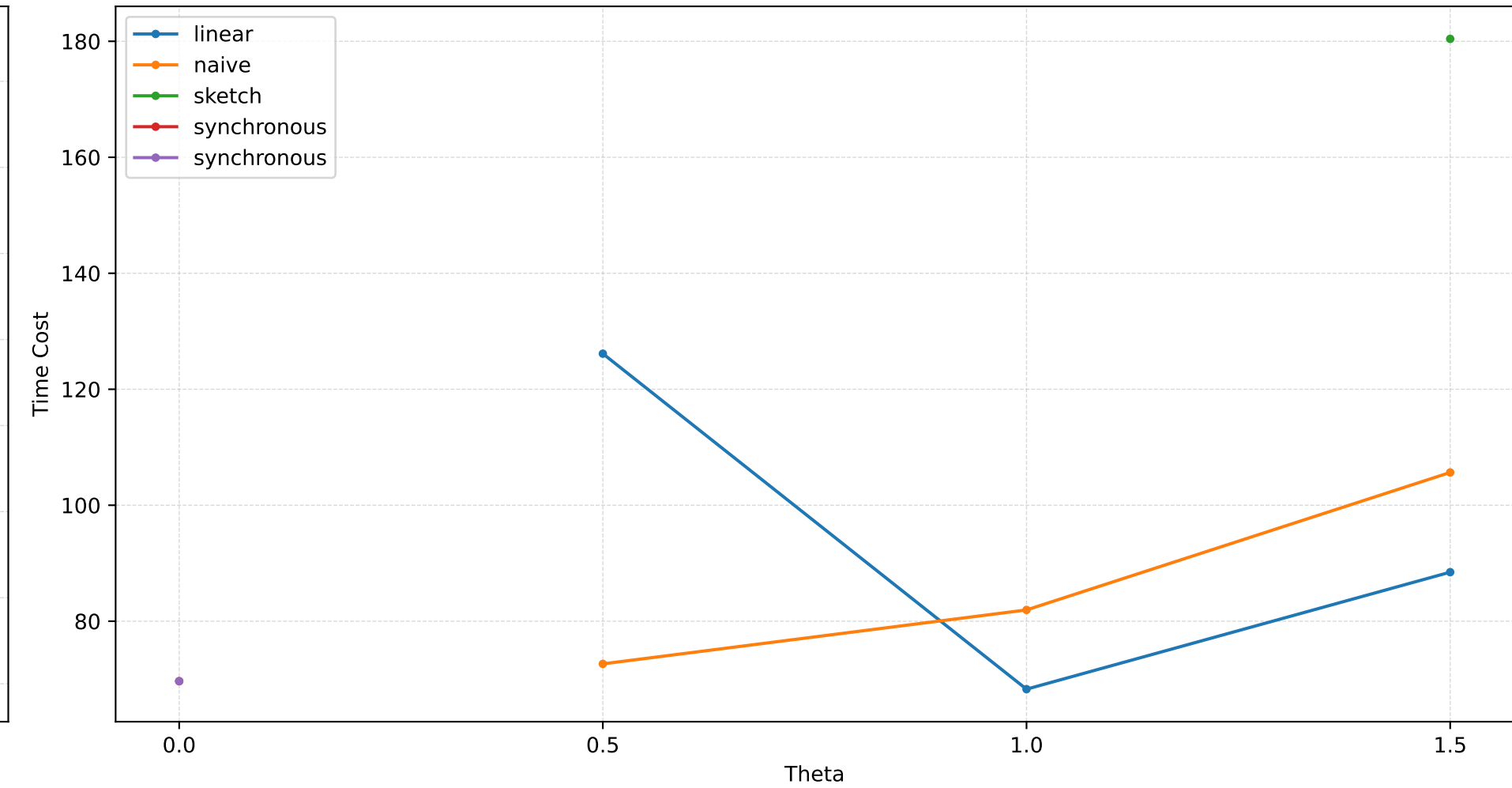


Num Clients : 60 , Batch Size : 128

Common Channel Communication Model

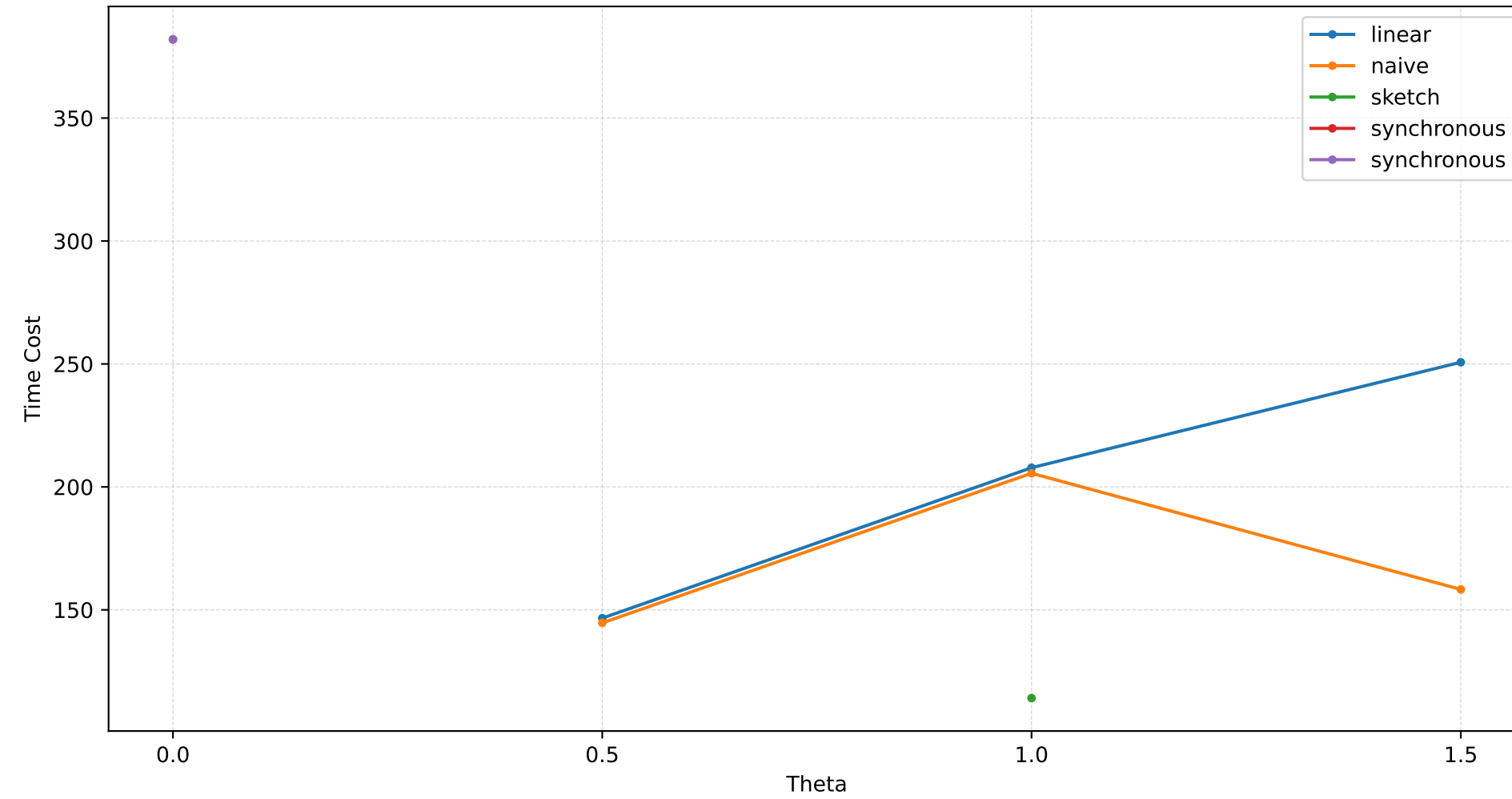


Hypercube Communication Model



Num Clients : 60 , Batch Size : 256

Common Channel Communication Model



Hypercube Communication Model

