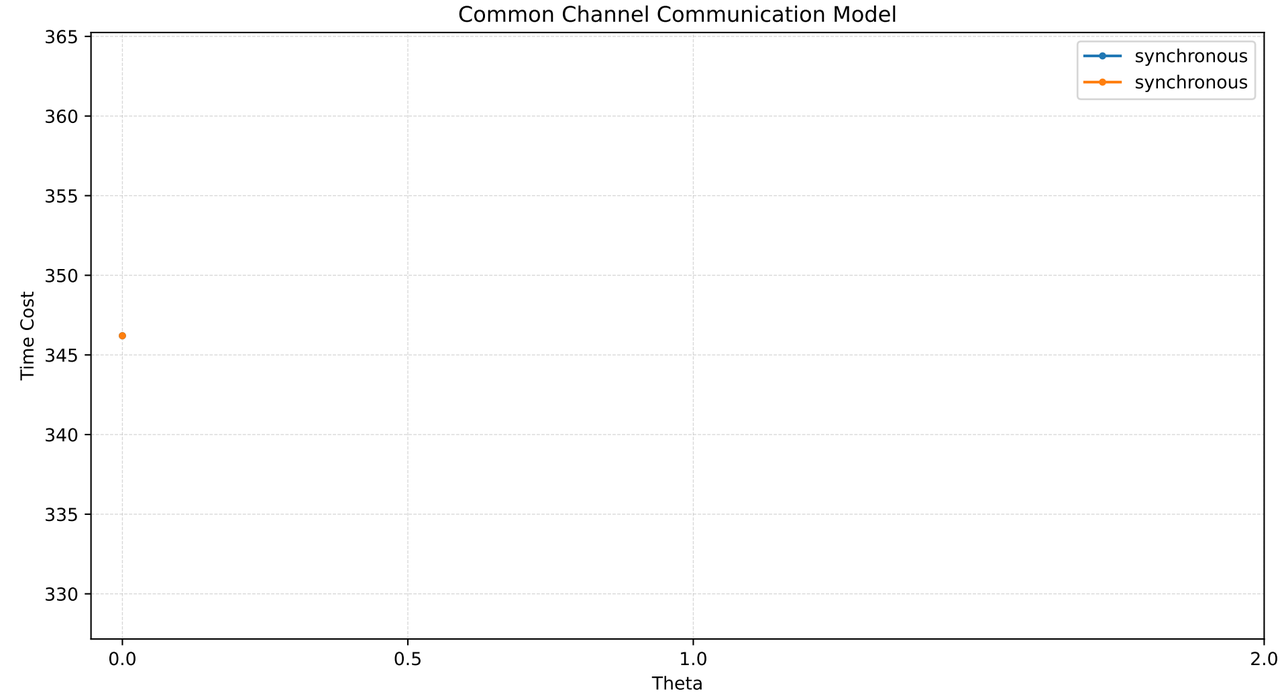
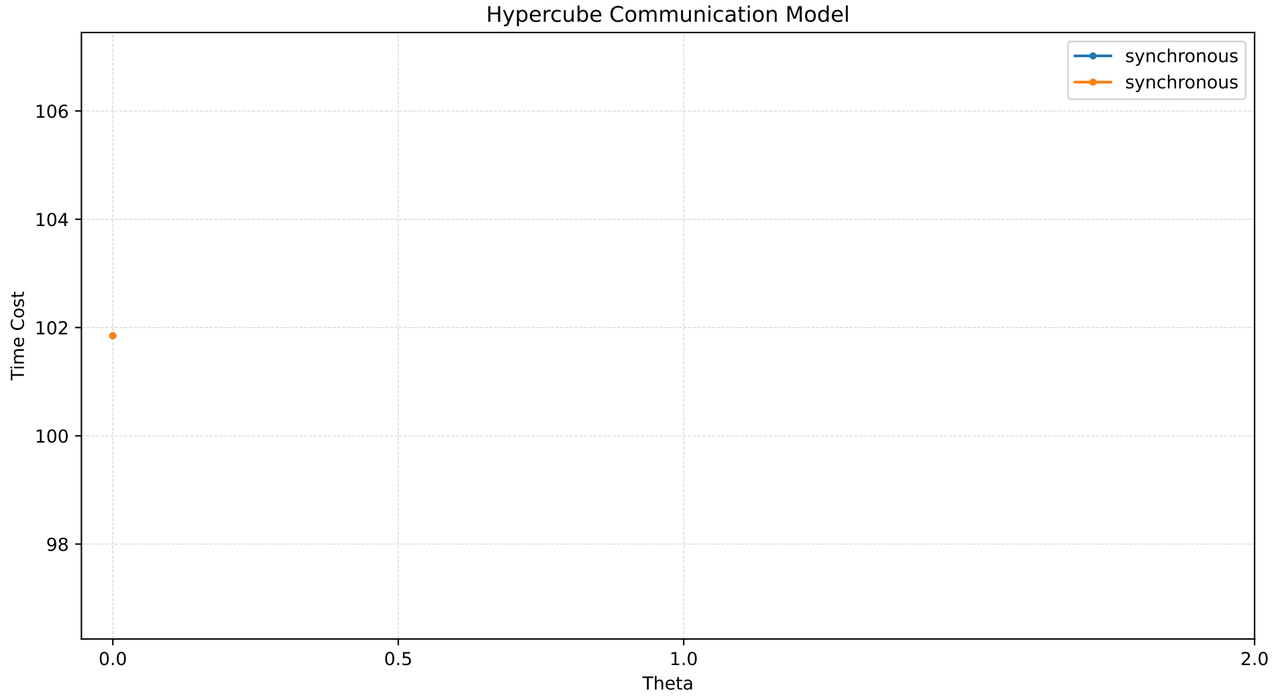
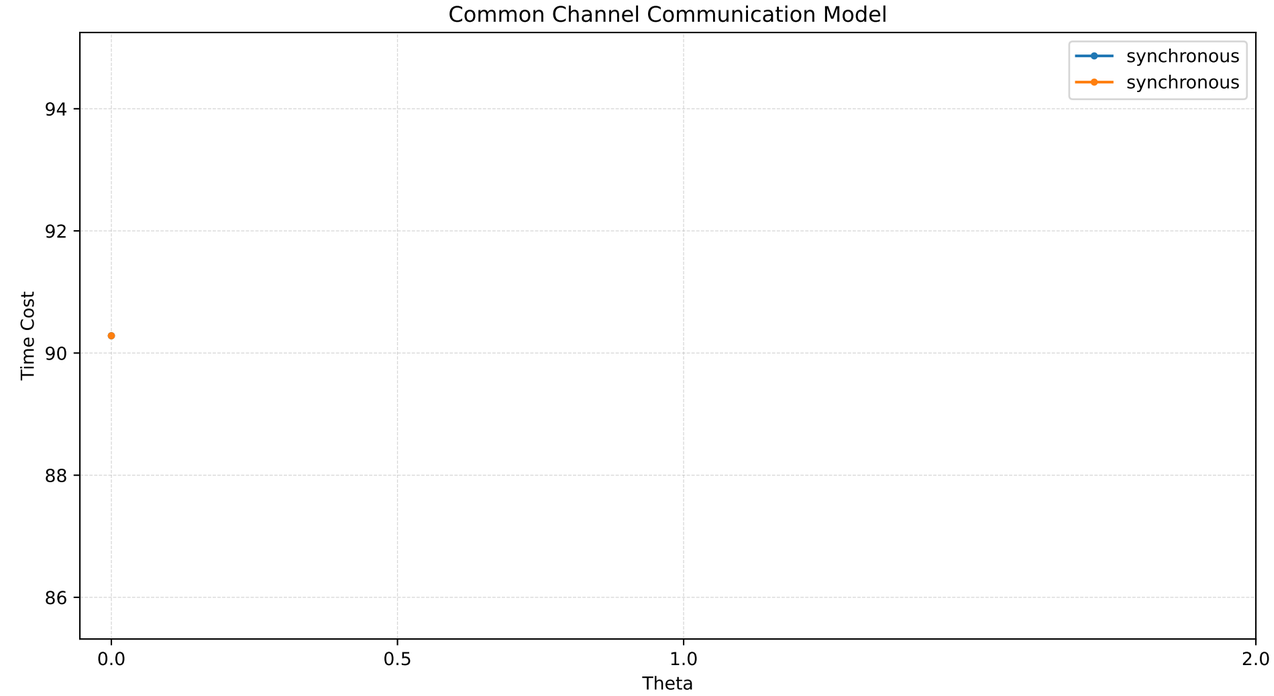
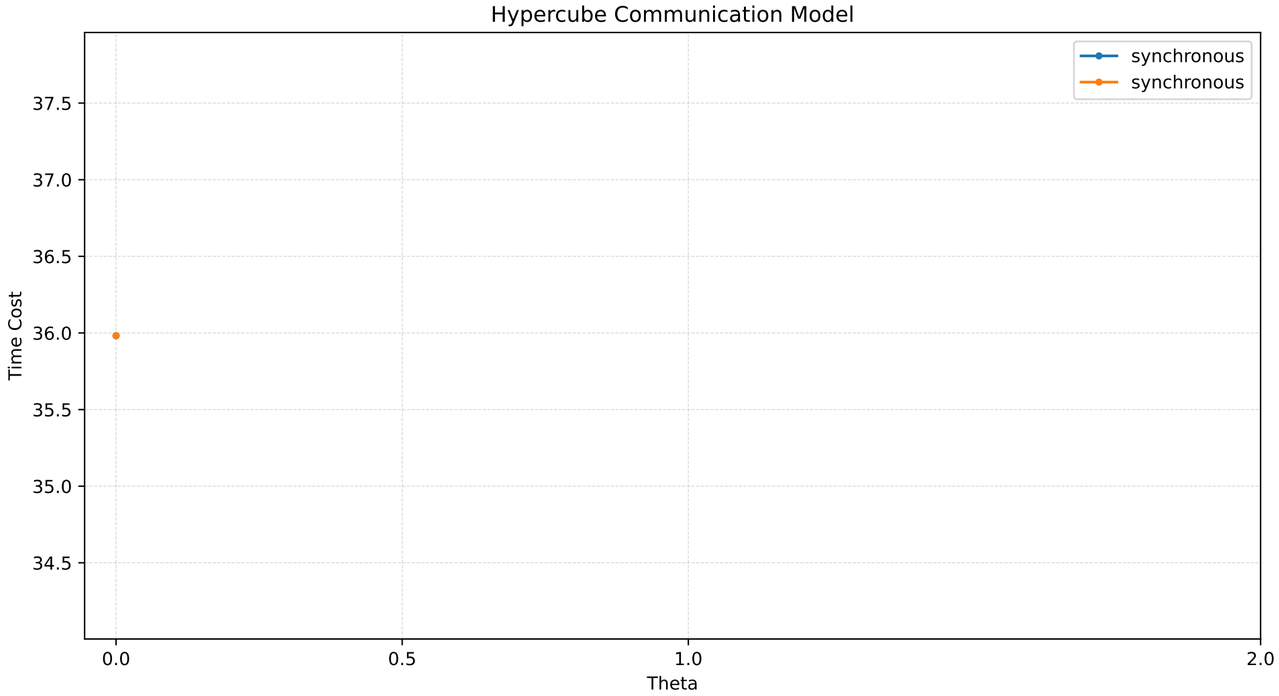
Num Clients : 15 , Batch Size : 32



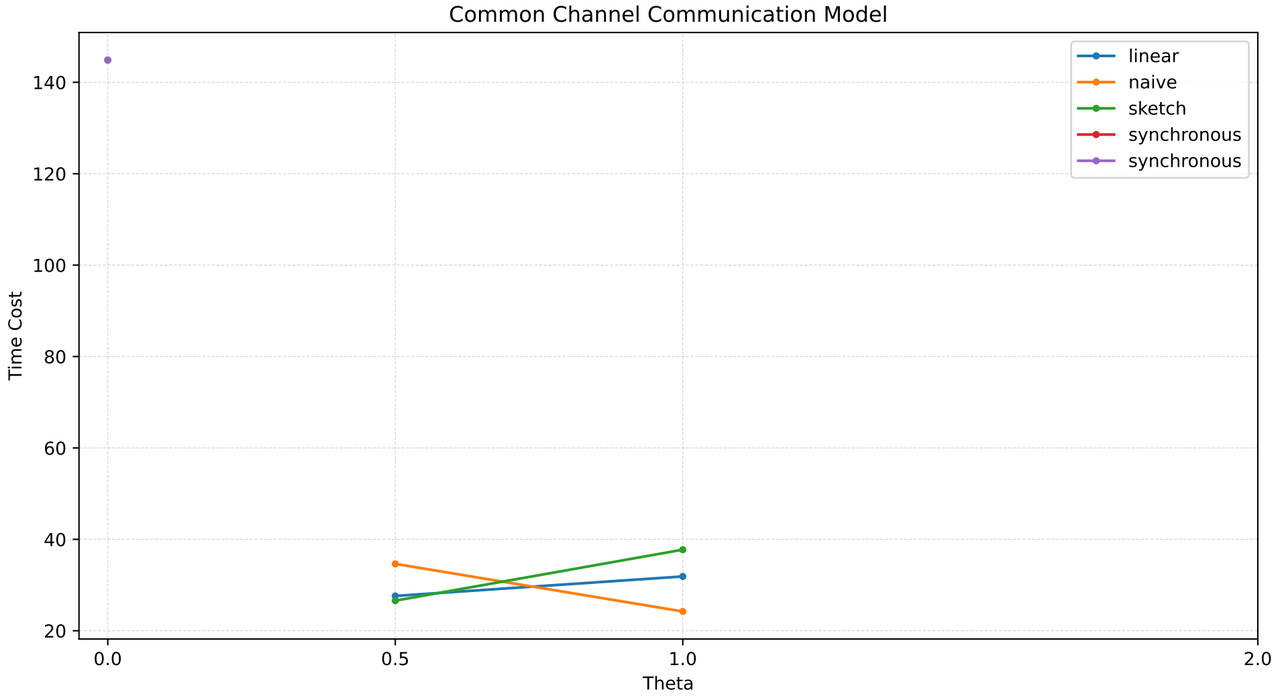


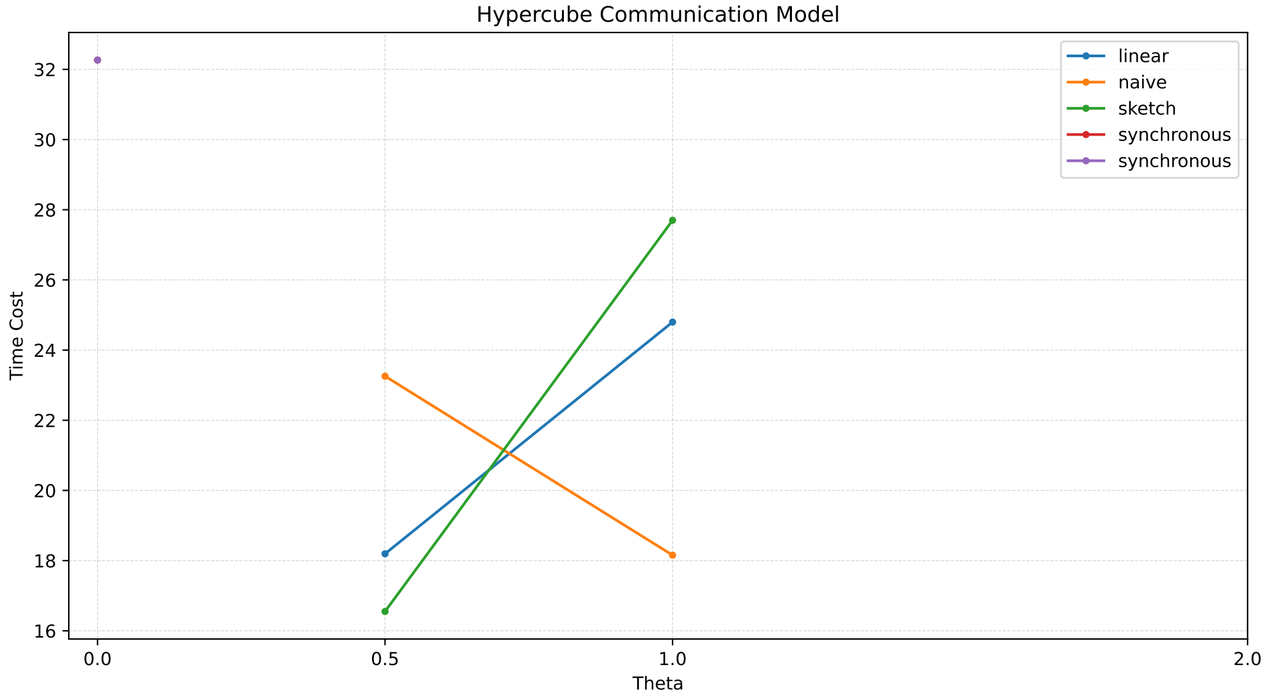
Num Clients : 15 , Batch Size : 128



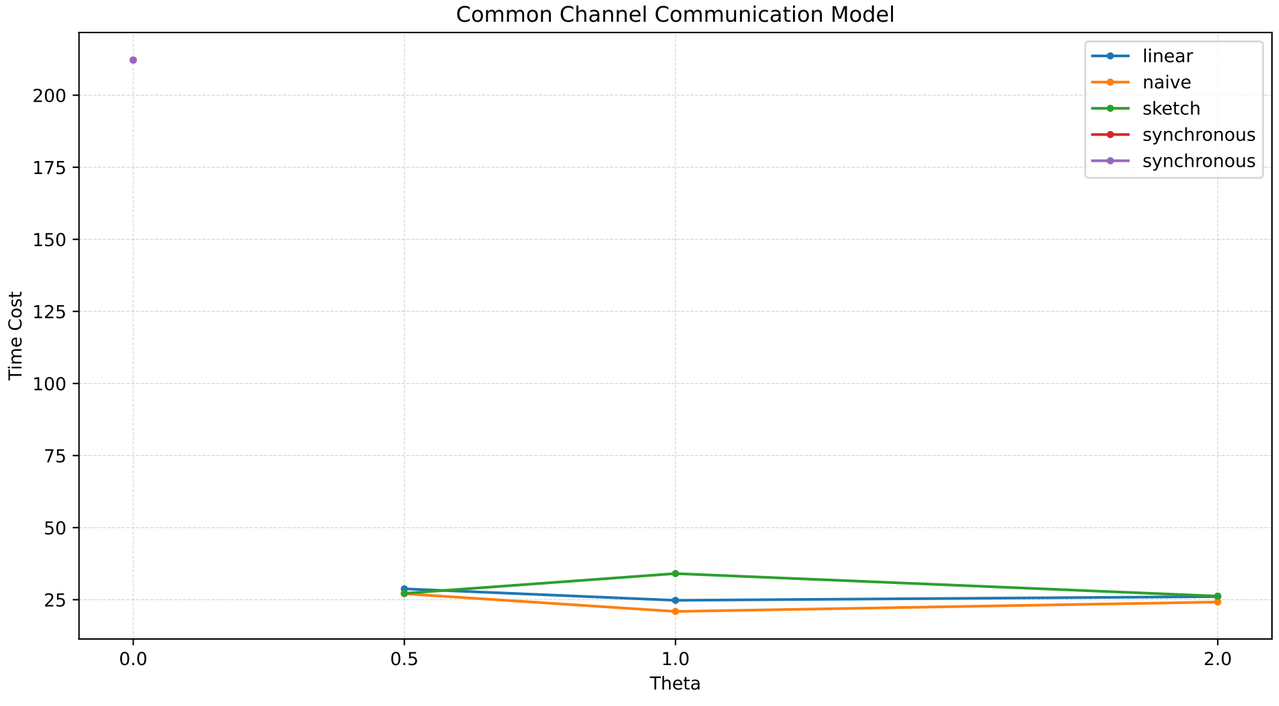


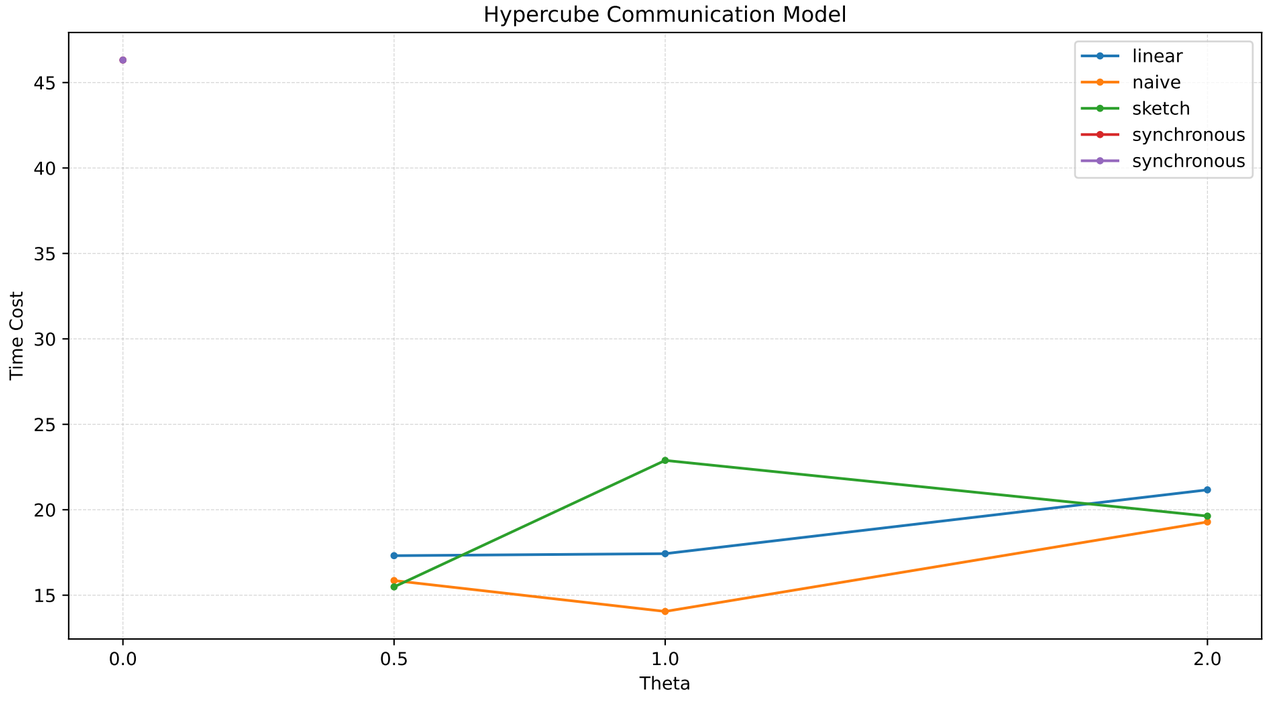
Num Clients : 20 , Batch Size : 32



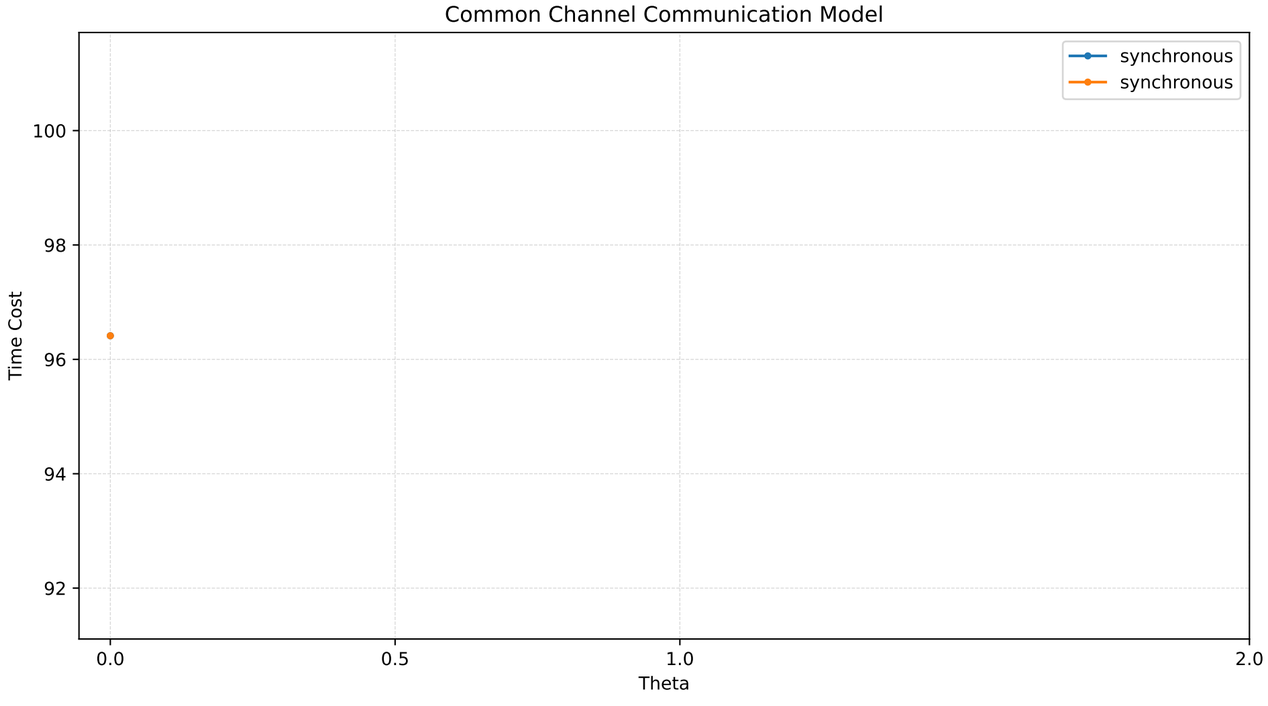


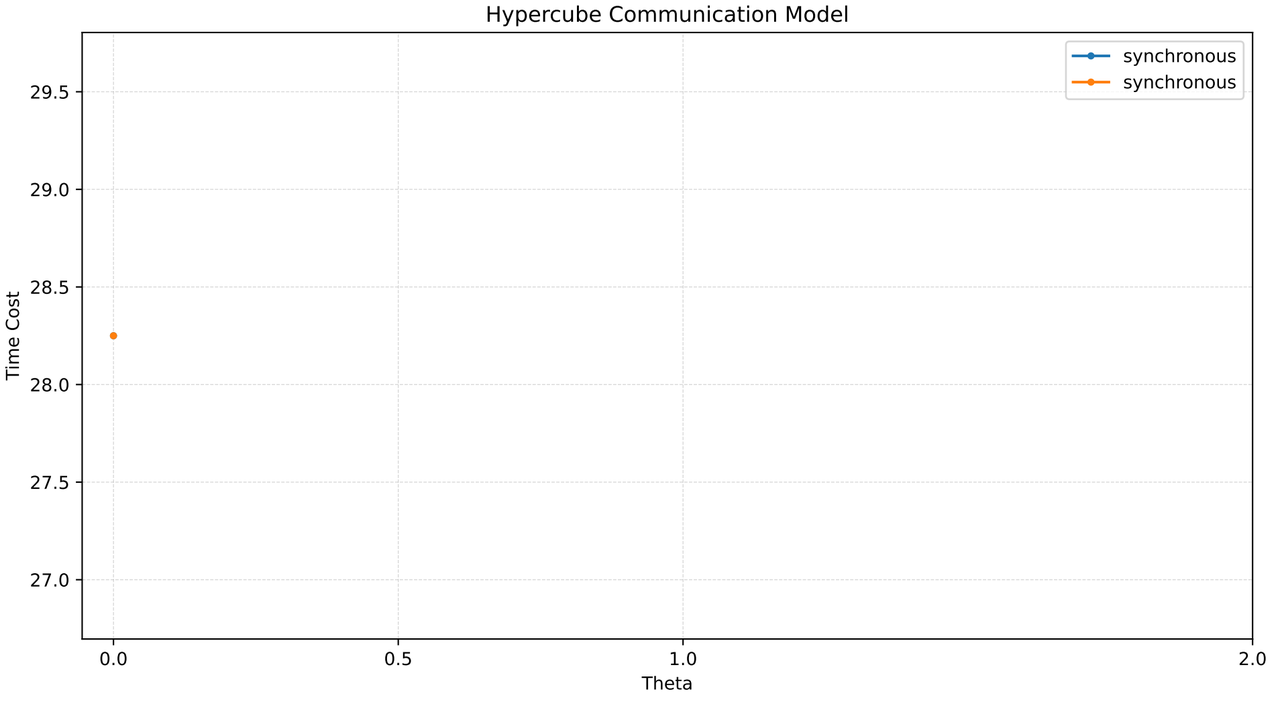
Num Clients : 25 , Batch Size : 32



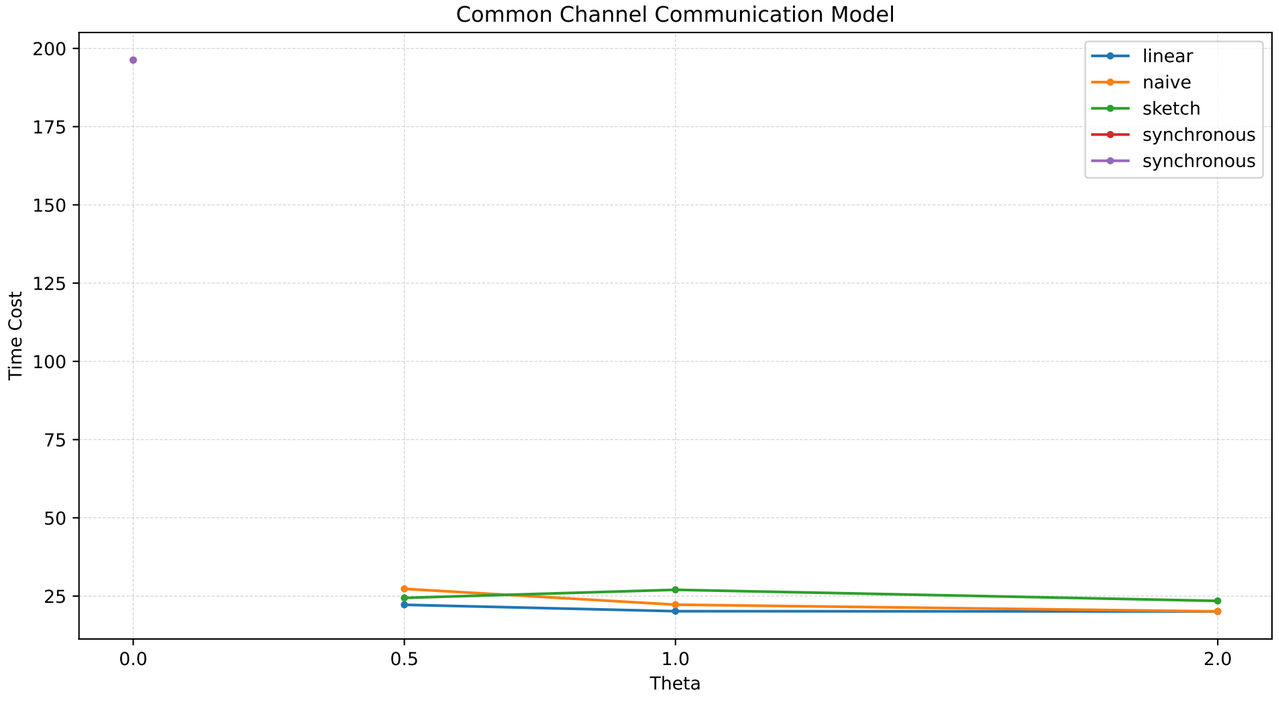


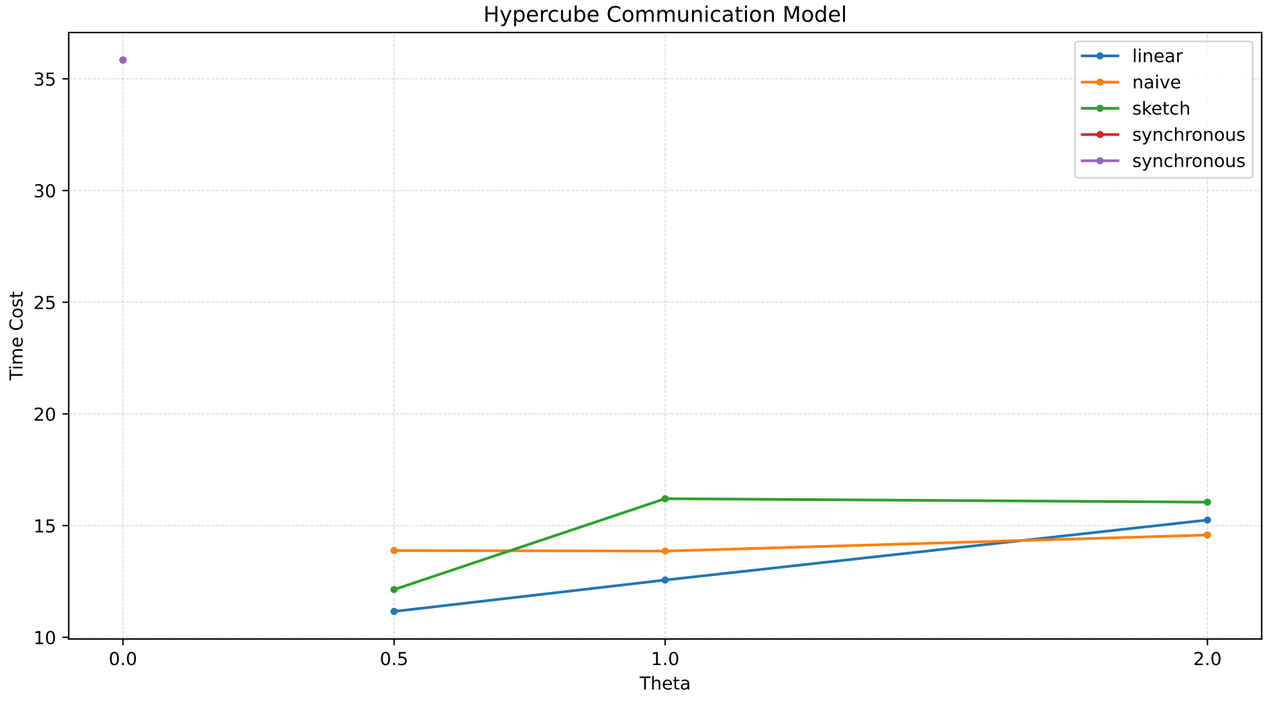
Num Clients : 25 , Batch Size : 128

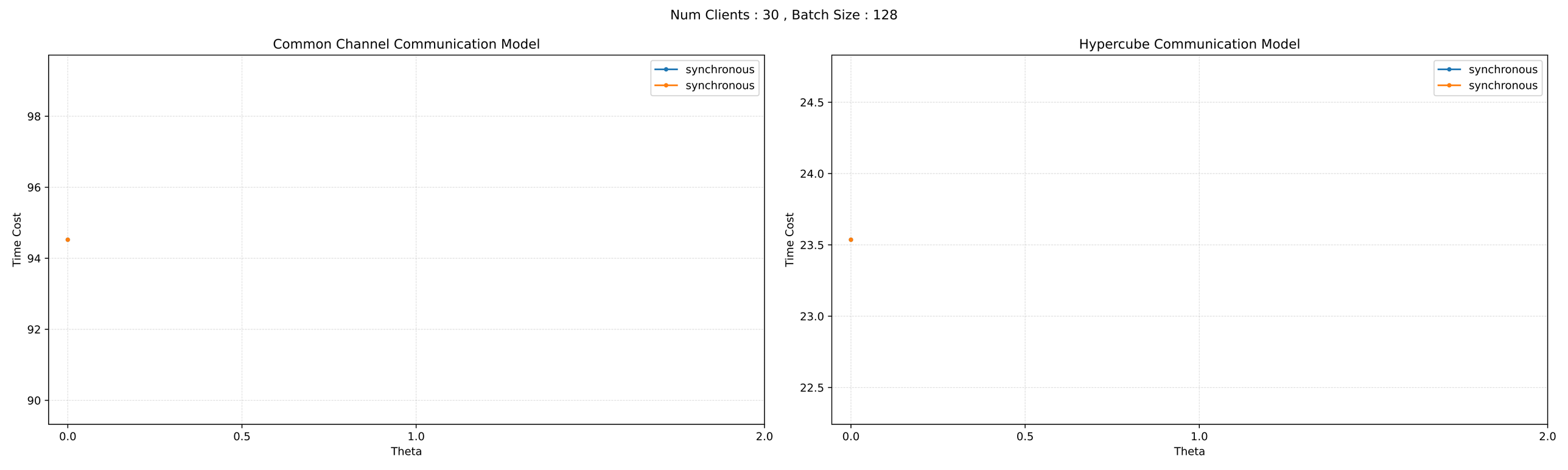




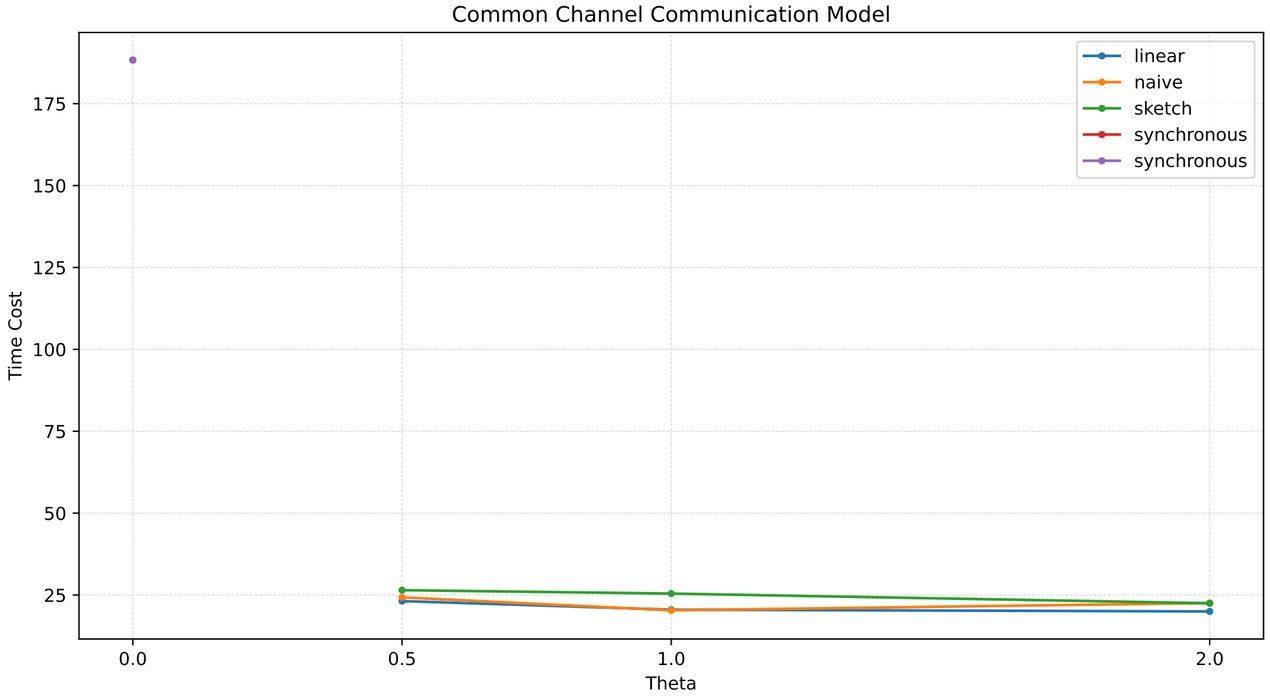
Num Clients : 30 , Batch Size : 32

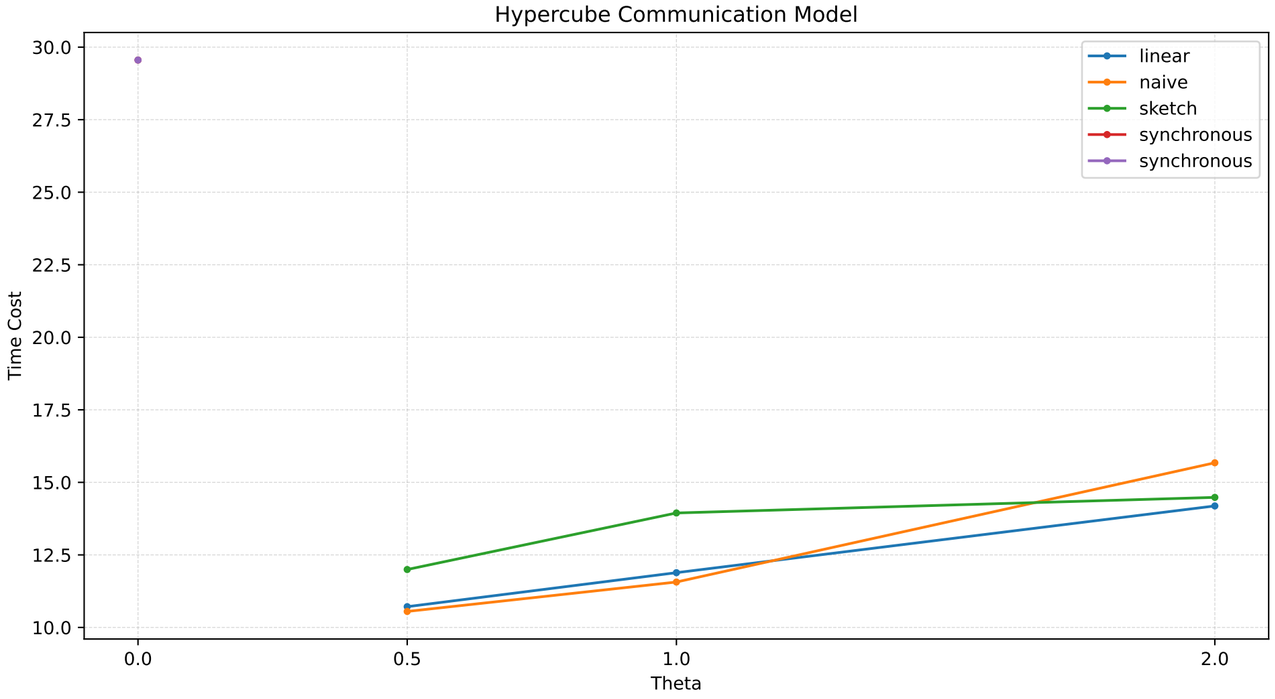




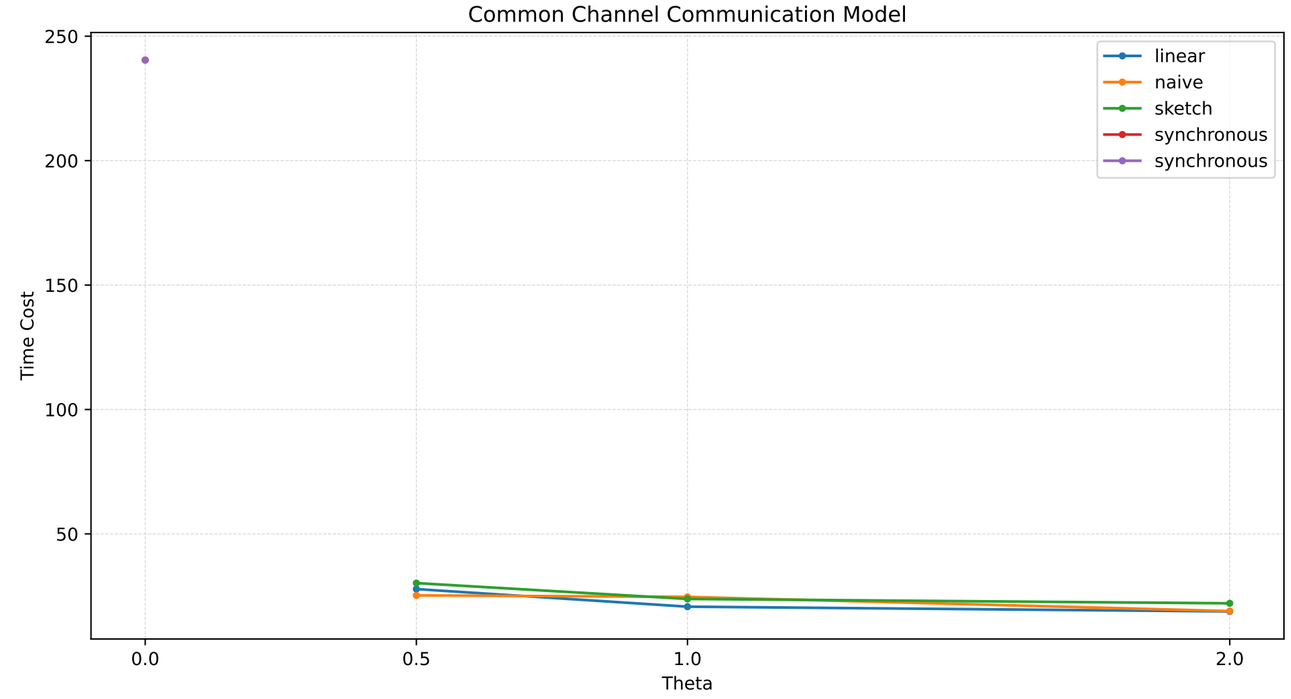

Num Clients : 30 , Batch Size : 128
Common Channel Communication Model
Hypercube Communication Model
synchronous
synchronous
Time Cost
Theta
98
96
94
92
90
24.5
24.0
23.5
23.0
22.5
0.0
0.5
1.0
2.0

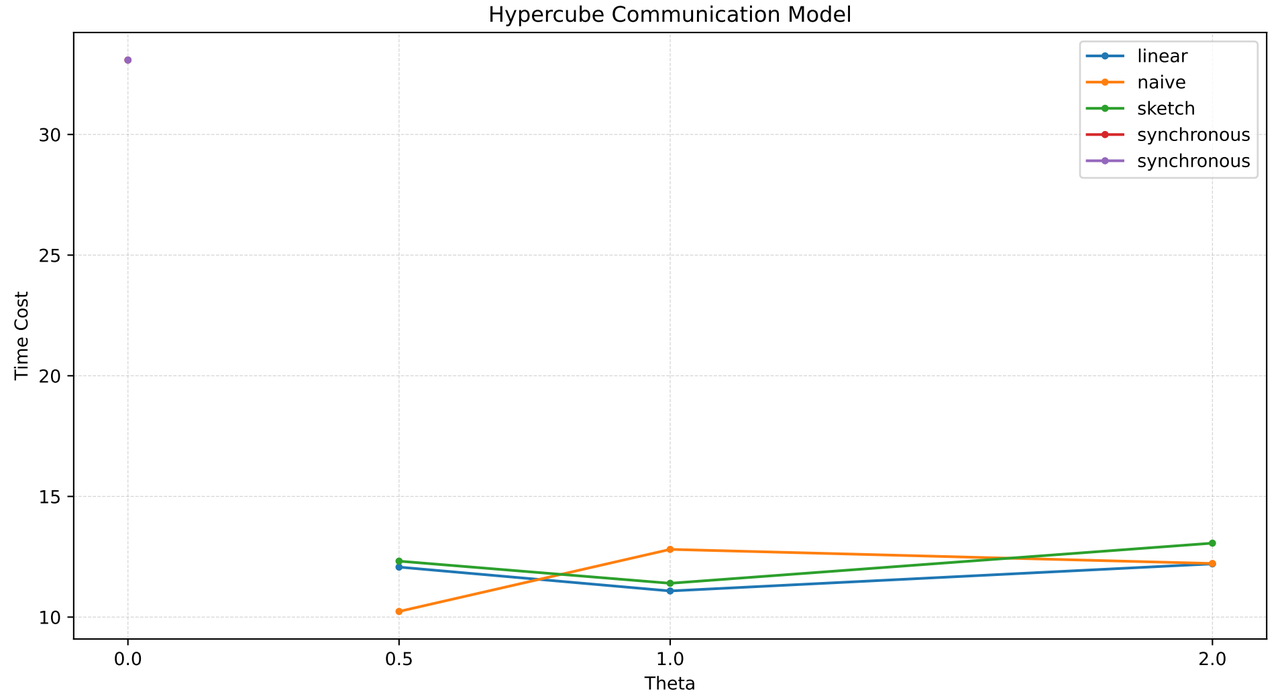
Num Clients : 35 , Batch Size : 32



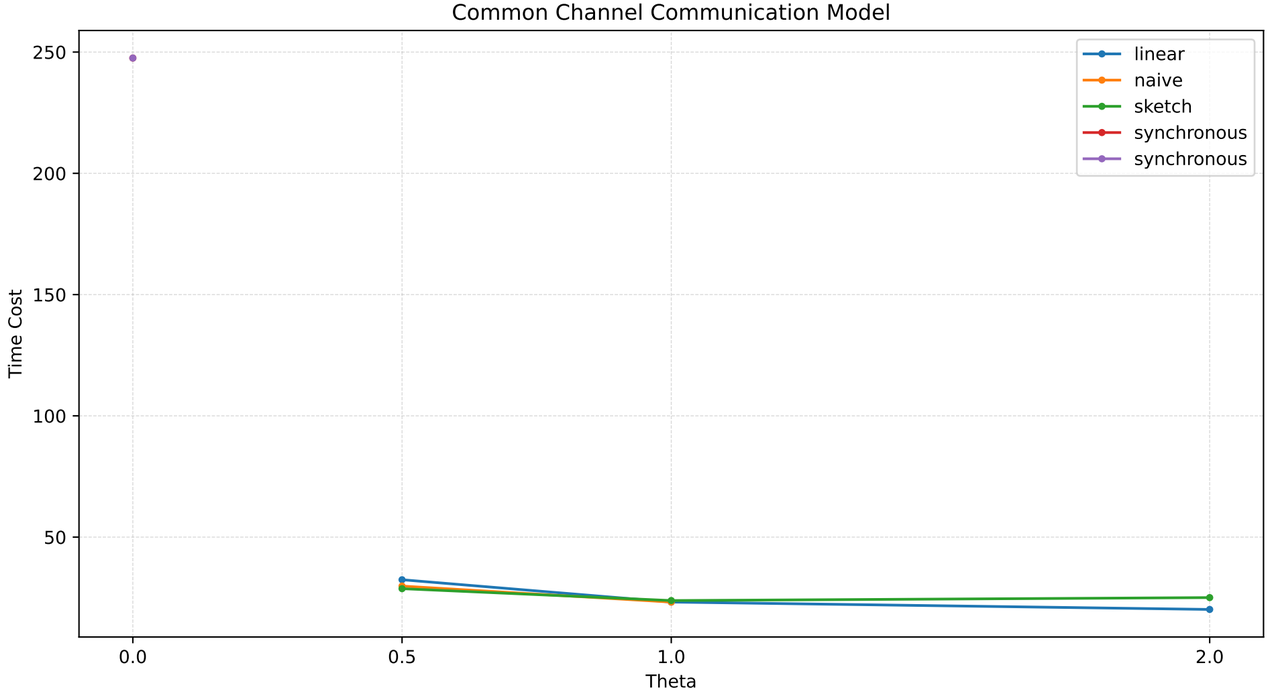


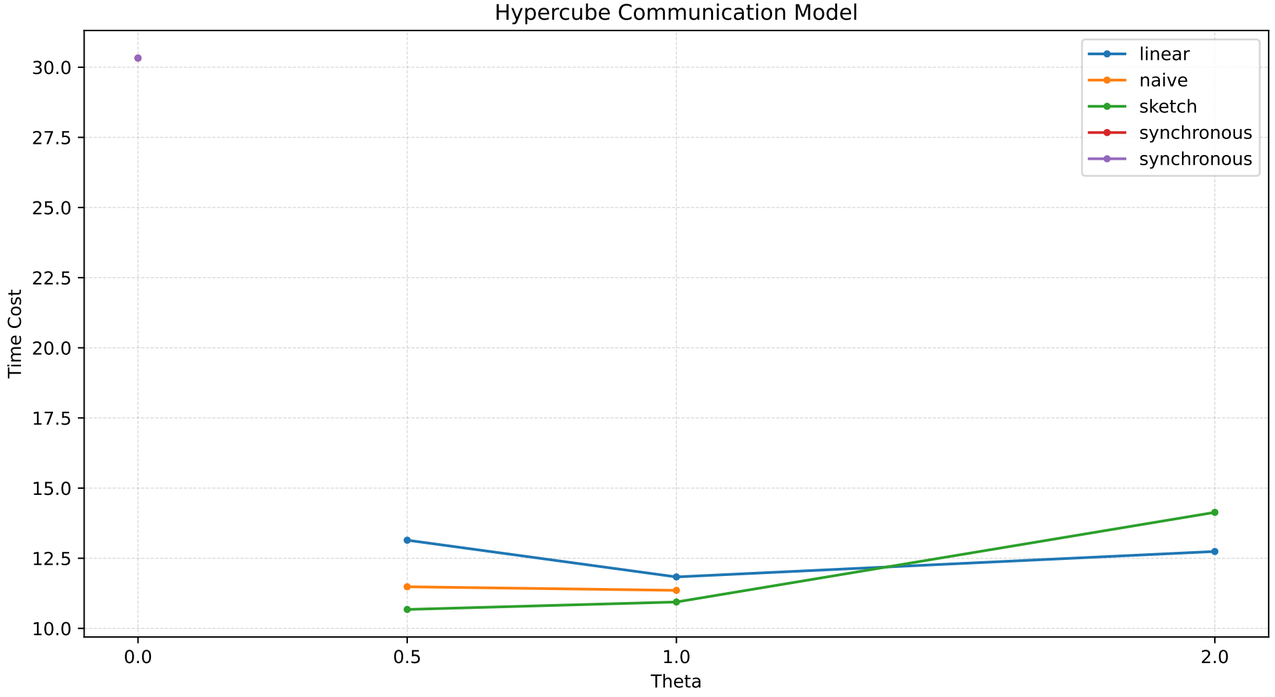
Num Clients : 40 , Batch Size : 32

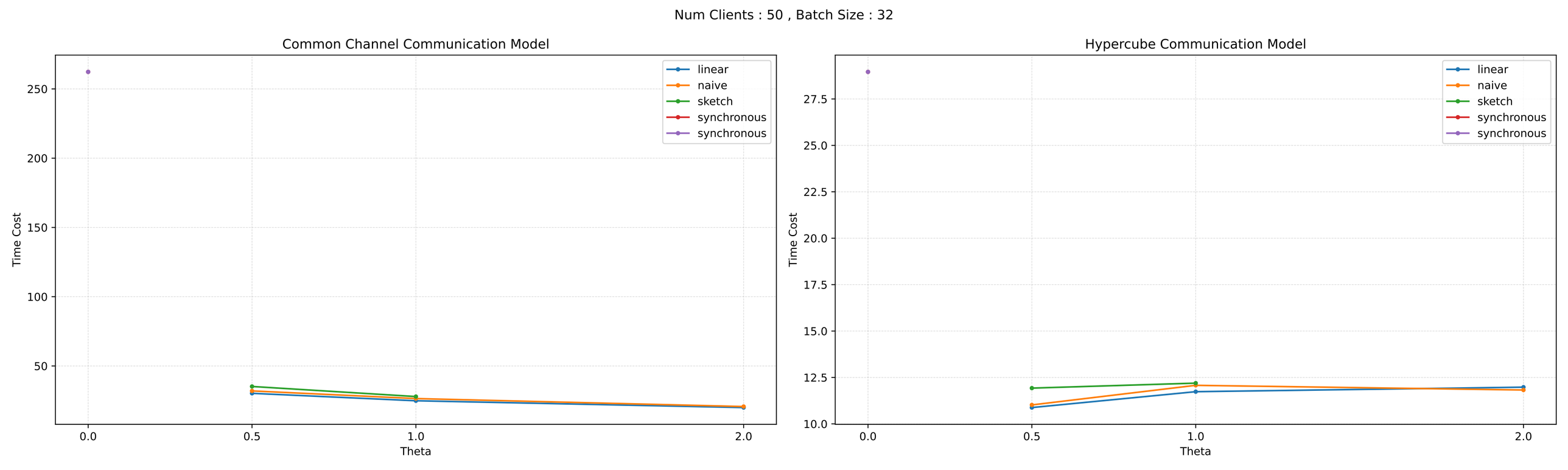




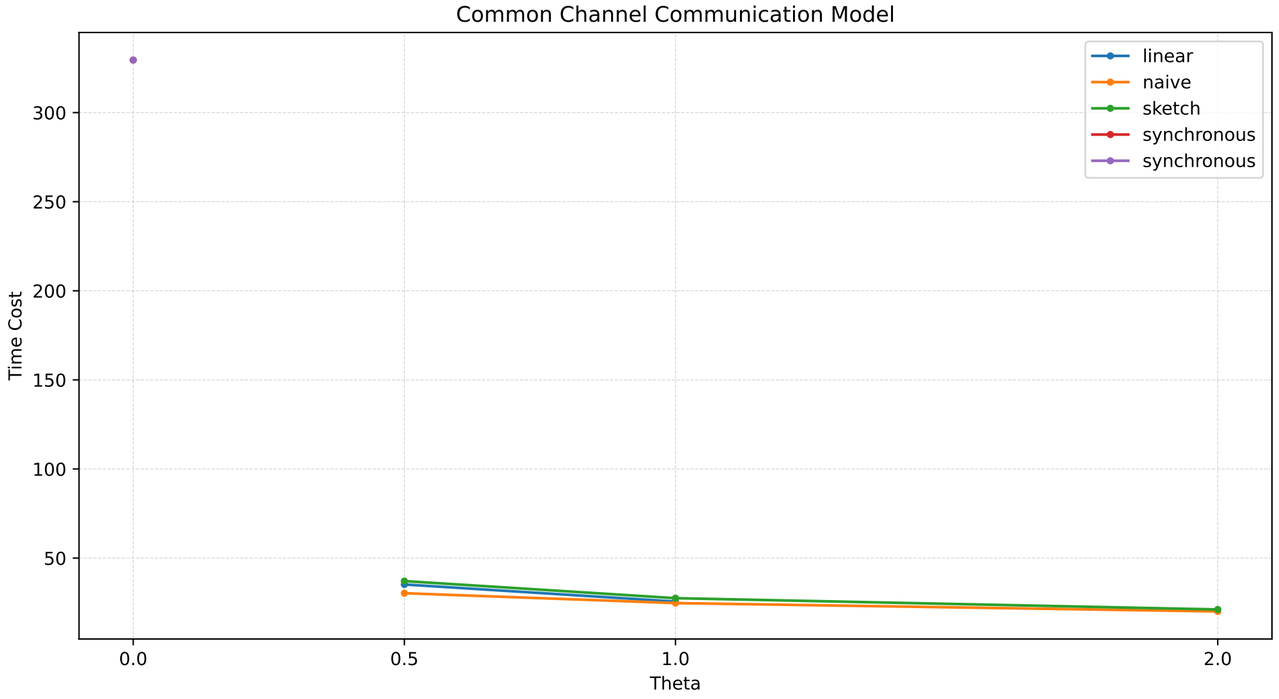
Num Clients : 45 , Batch Size : 32

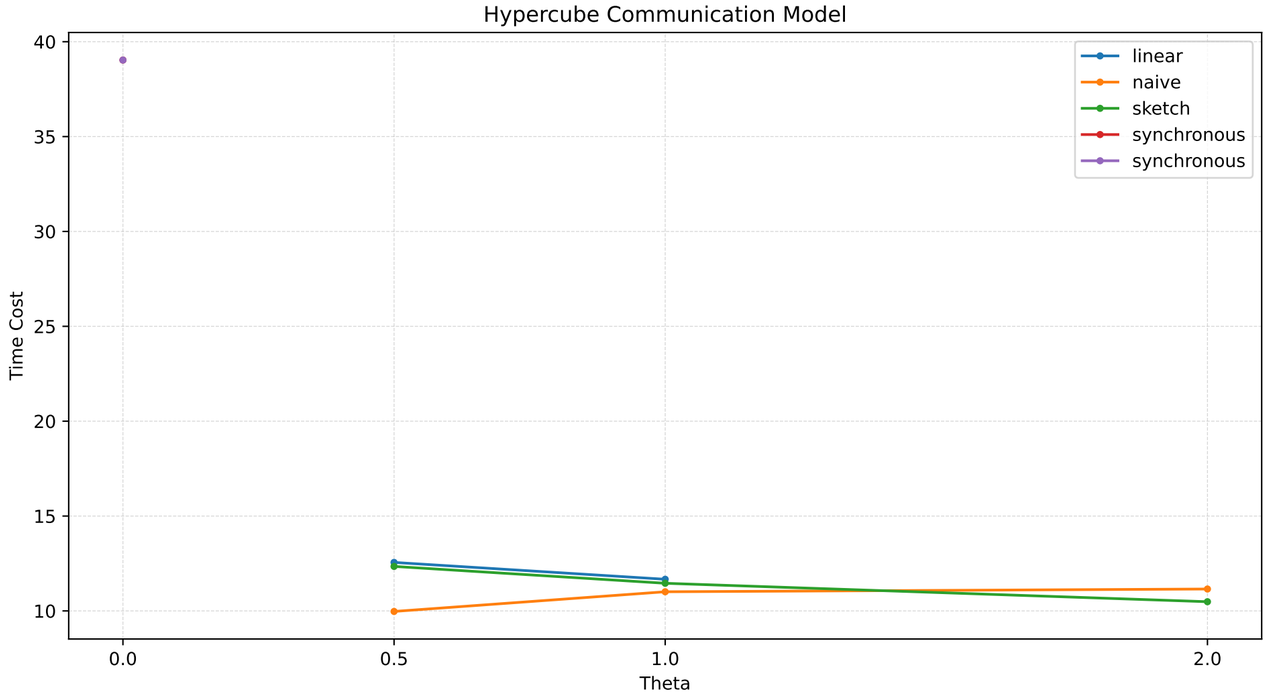
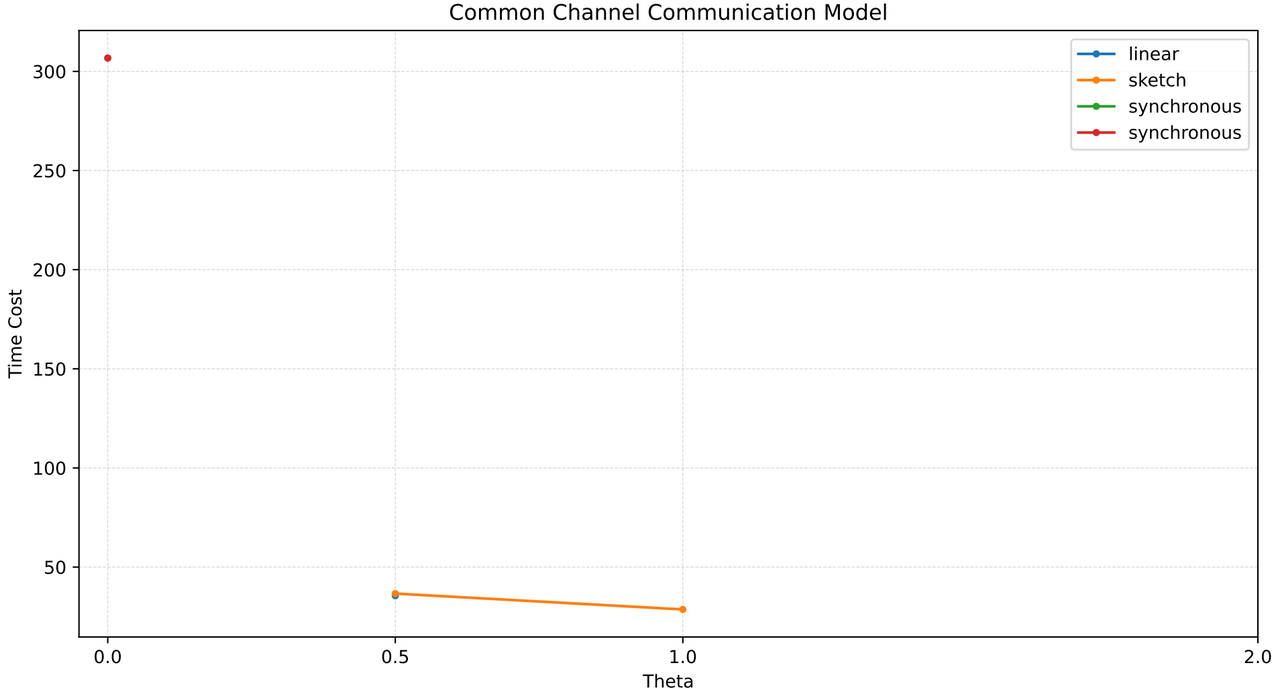
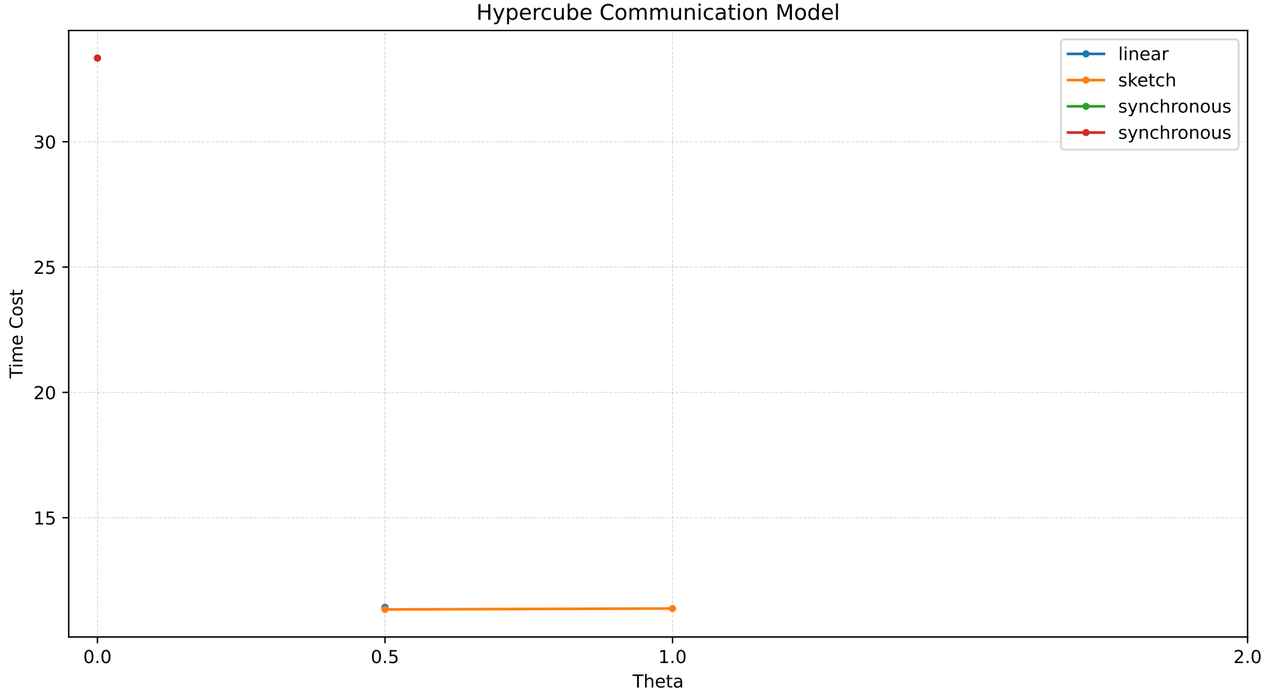





Num Clients : 50 , Batch Size : 32
Common Channel Communication Model
Hypercube Communication Model
linear
naive
sketch
synchronous
synchronous
Time Cost
Theta
250
200
150
100
50
27.5
25.0
22.5
20.0
17.5
15.0
12.5
10.0
0.0
0.5
1.0
2.0

Num Clients : 55 , Batch Size : 32





Num Clients : 60 , Batch Size : 32