Batch Size : 32 , Num Clients : 5 , Bias: only label 8

Batch Size : 32 , Num Clients : 15 , Bias: only label 8

Batch Size : 32 , Num Clients : 5 , Bias: only label 0

Batch Size : 32 , Num Clients : 10 , Bias: only label 0
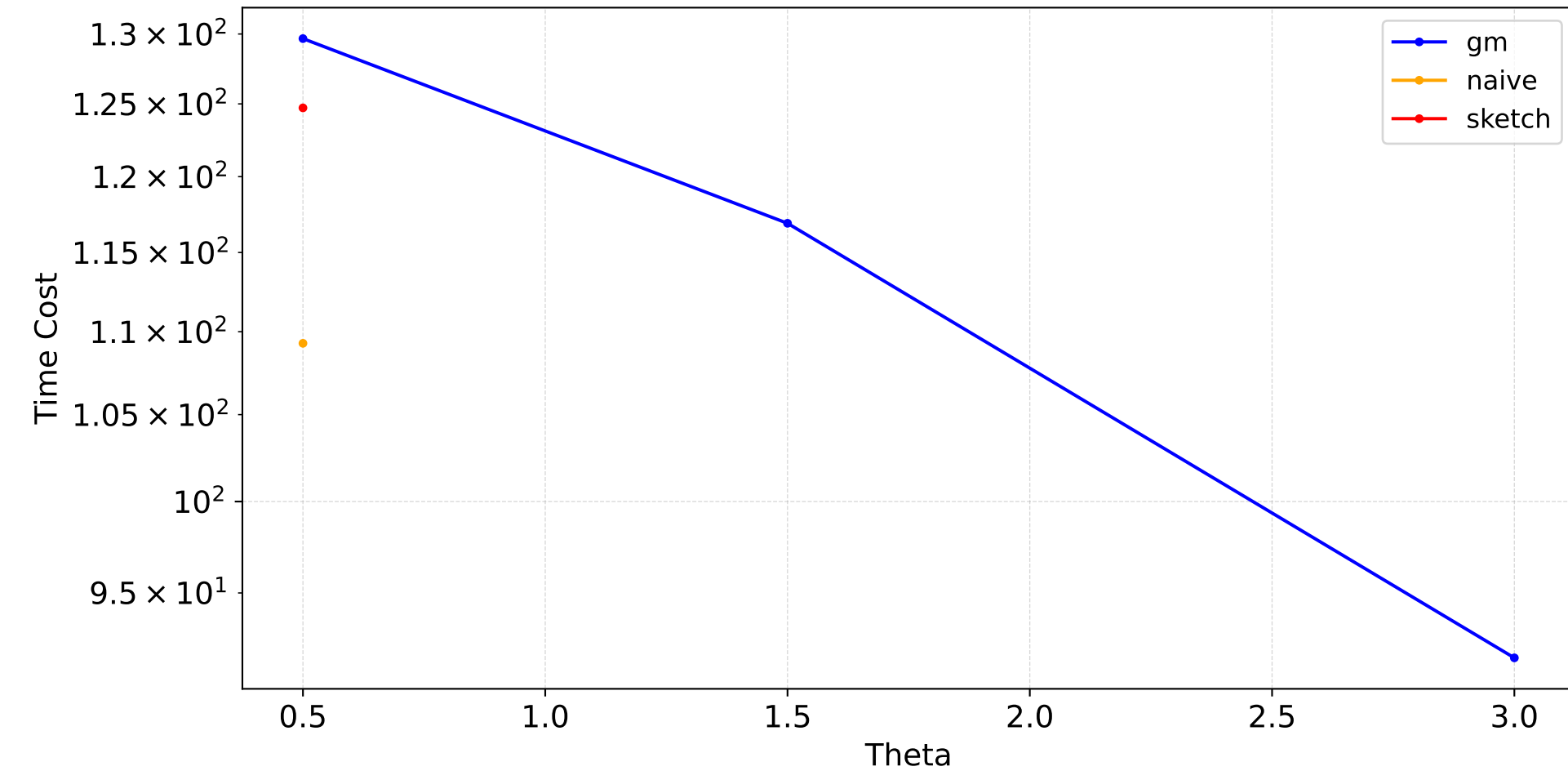
Common Channel Communication Model

- gm
- naive
- linear

Time Cost

Theta

Hypercube Communication Model

- gm
- naive
- linear

Time Cost

Theta

Batch Size : 32 , Num Clients : 15 , Bias: only label 0

Batch Size : 32 , Num Clients : 20 , Bias: only label 0

Batch Size : 32 , Num Clients : 25 , Bias: only label 0

Batch Size : 32 , Num Clients : 30 , Bias: only label 0
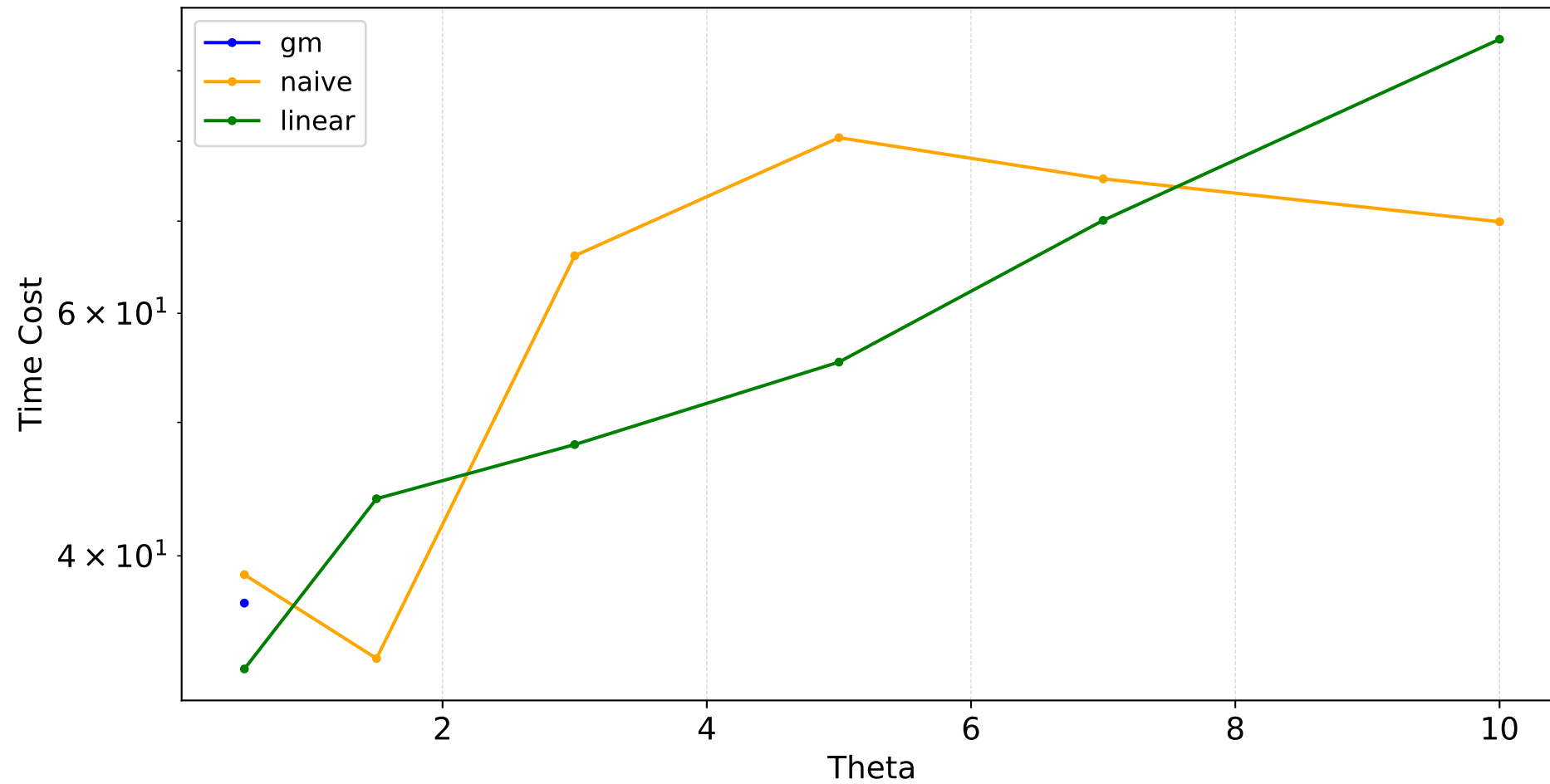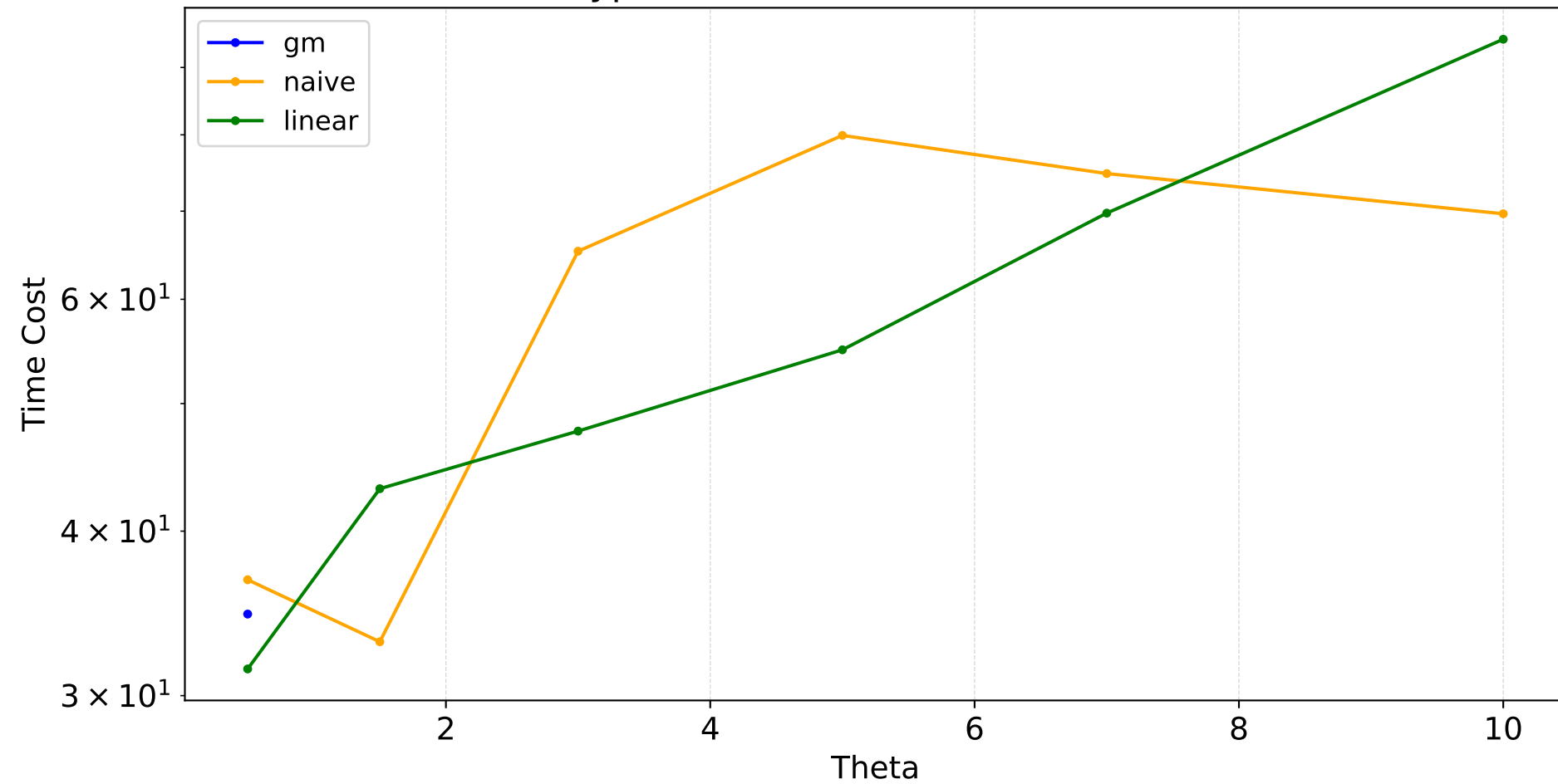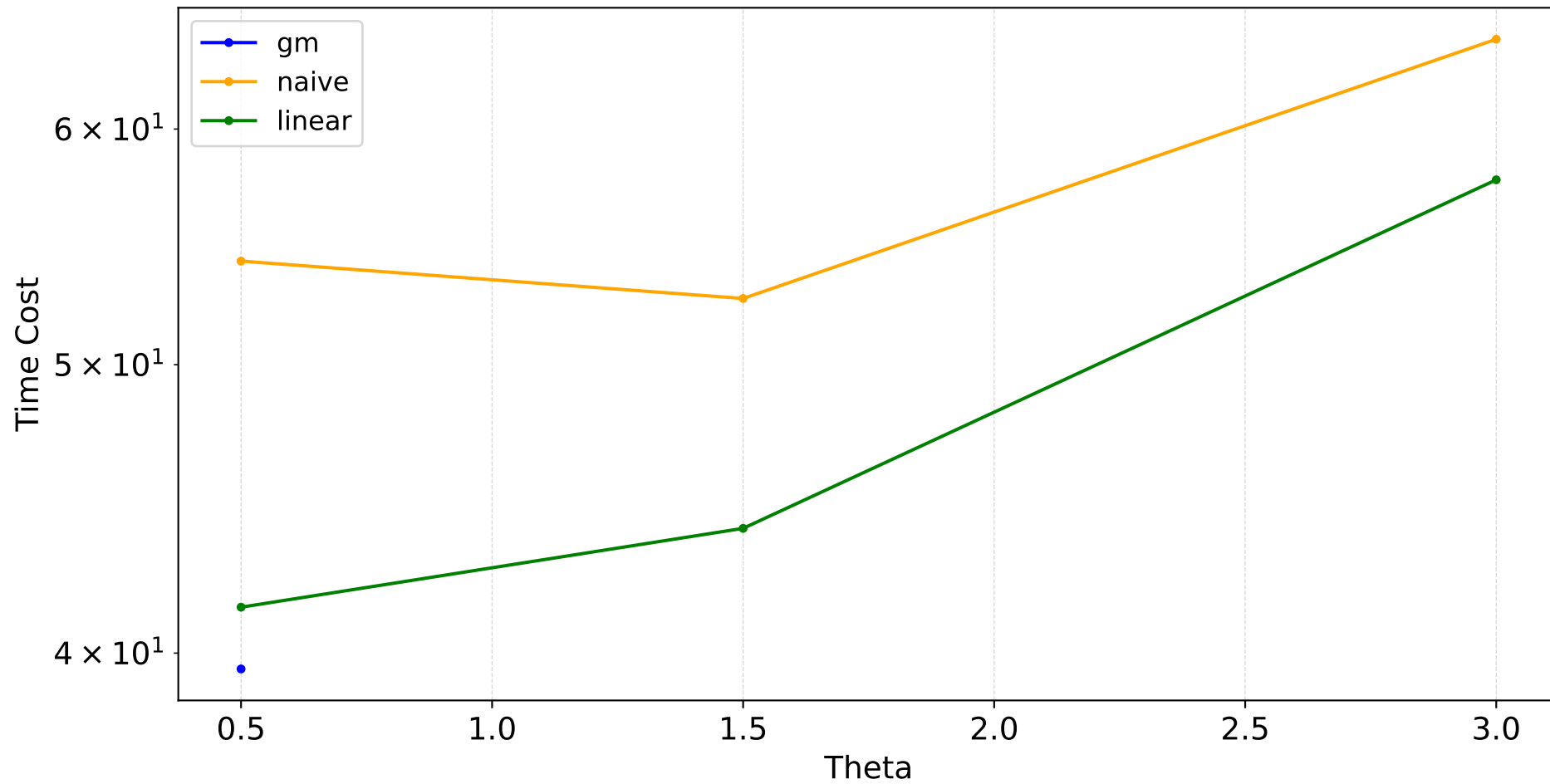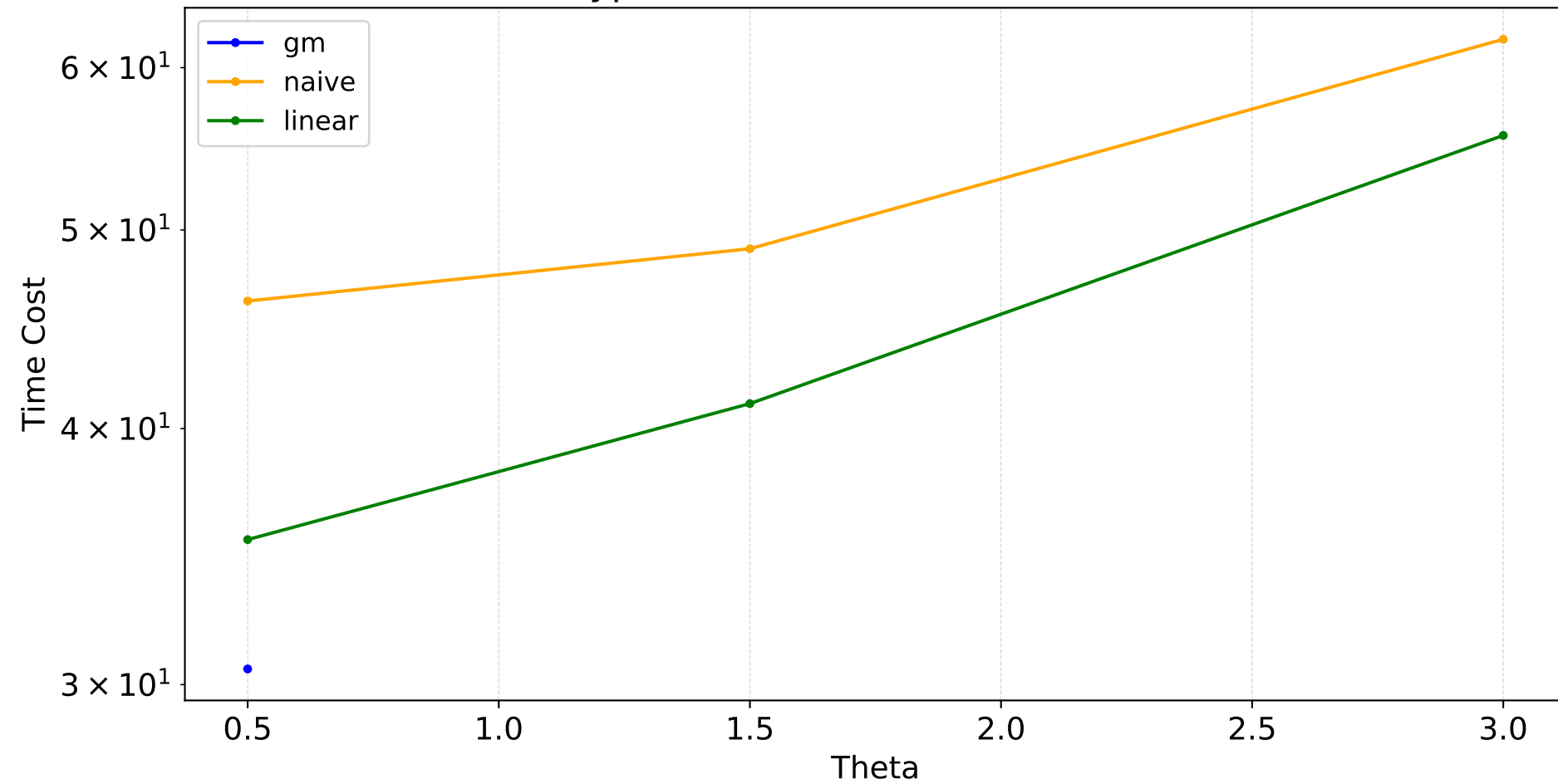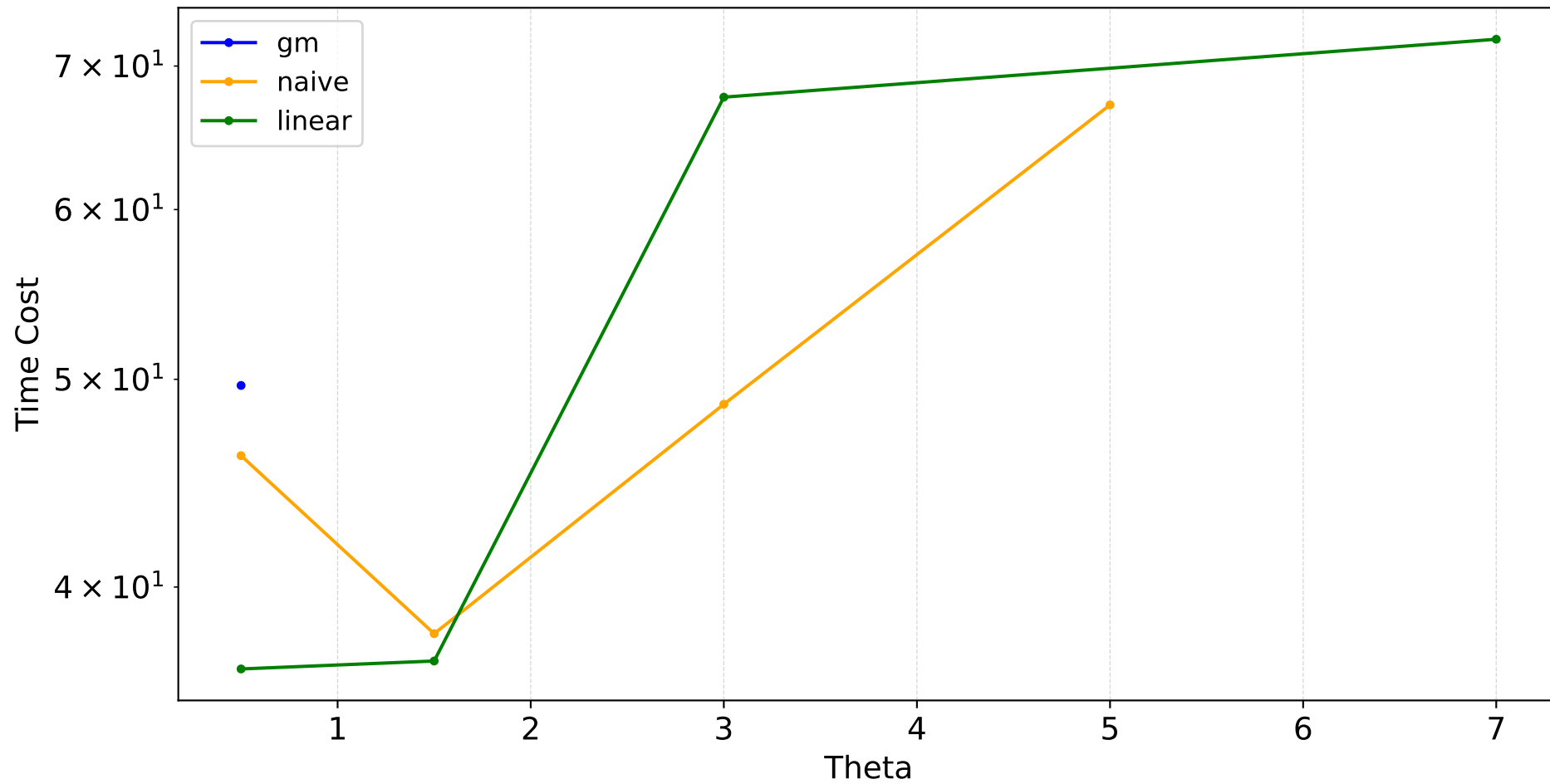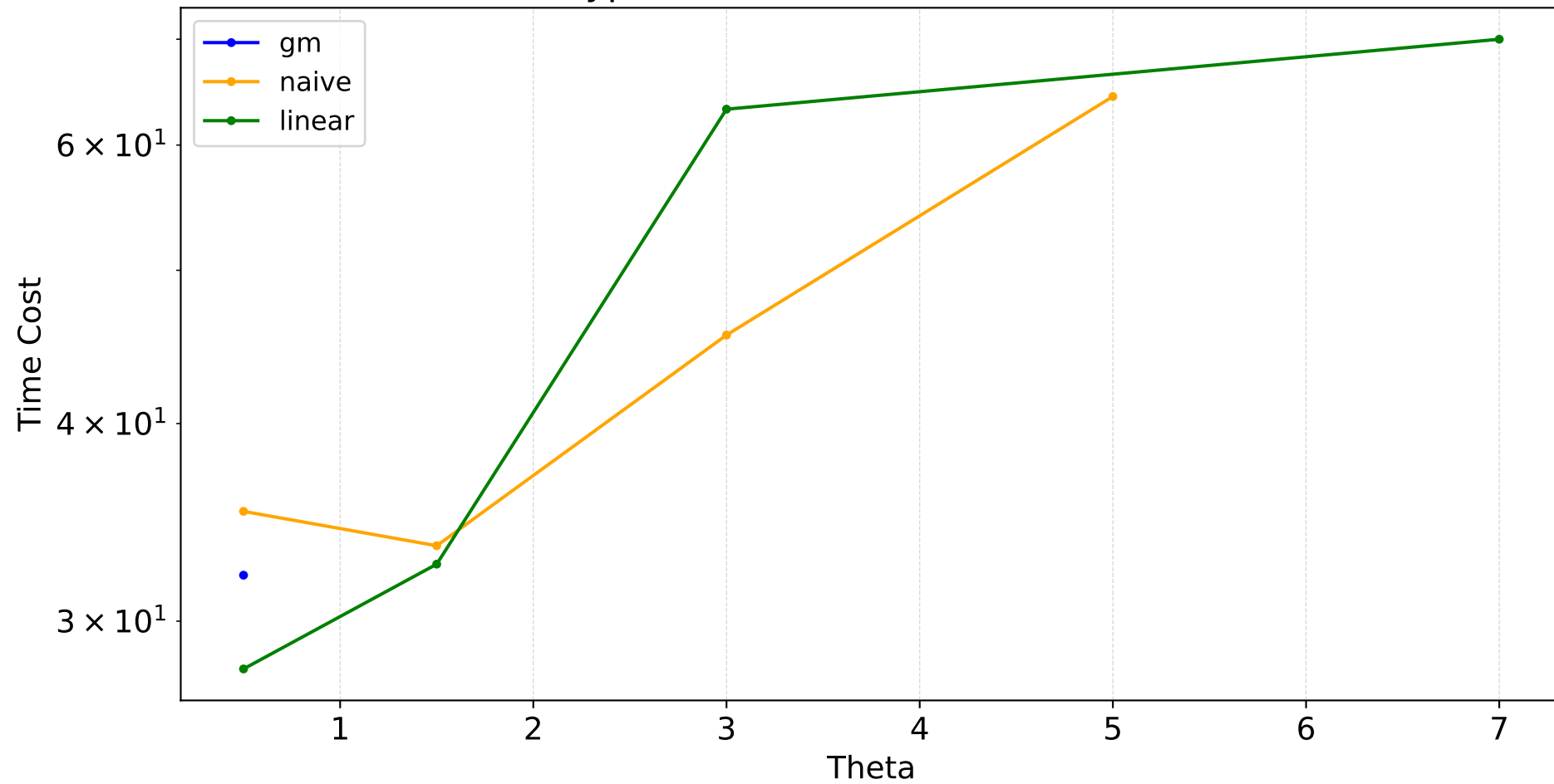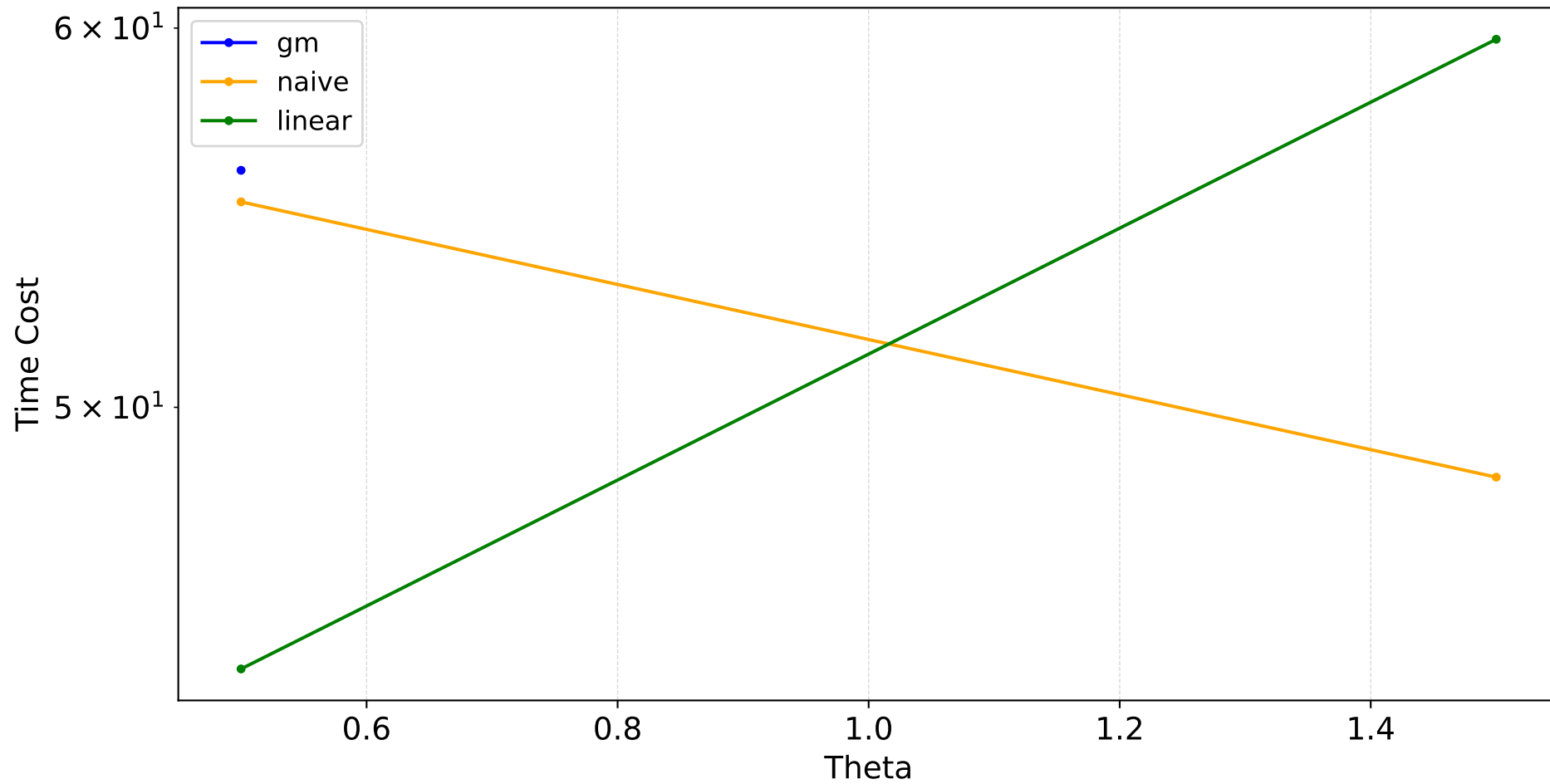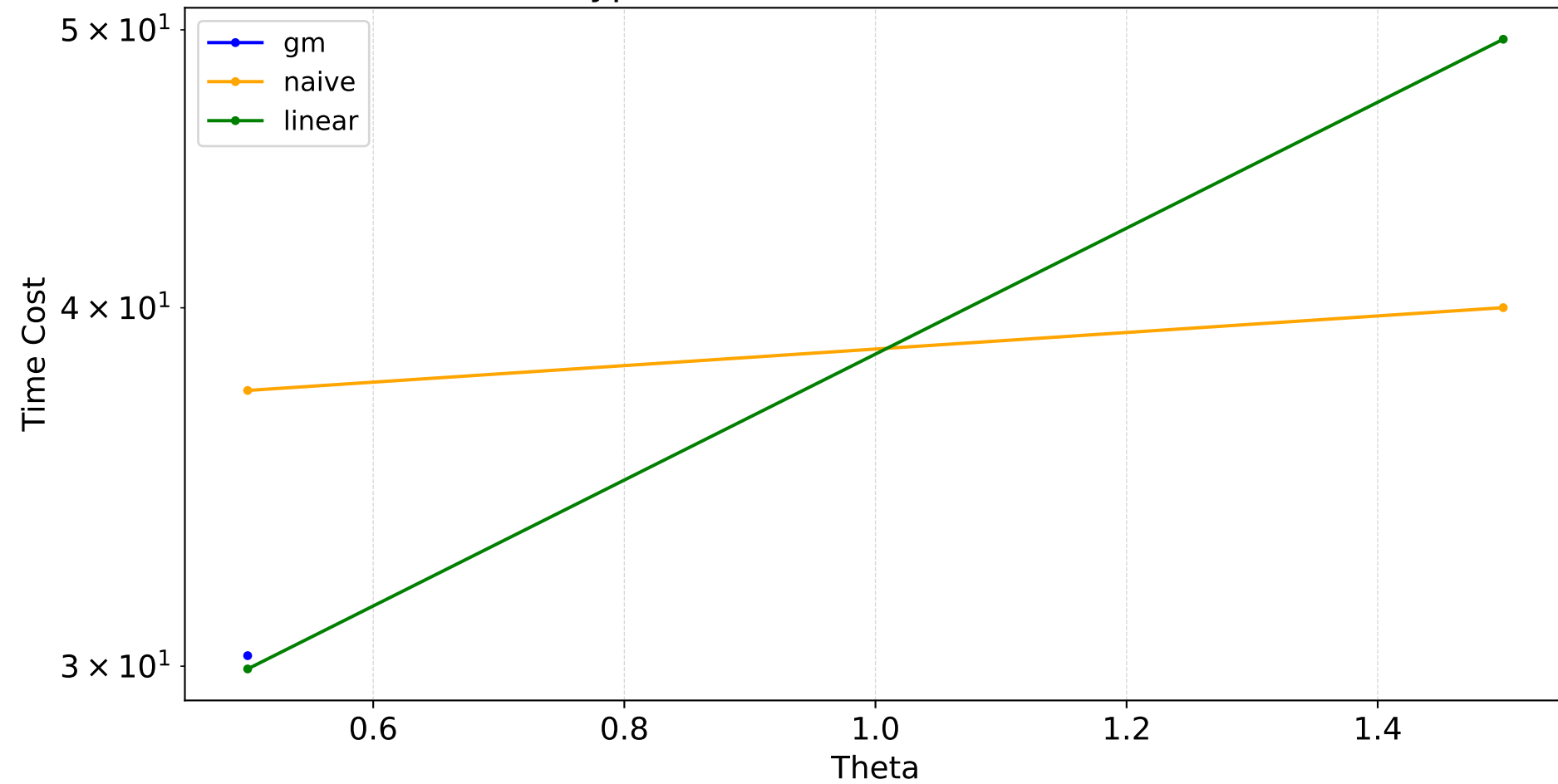
Batch Size : 32 , Num Clients : 35 , Bias: only label 0

Common Channel Communication Model

Hypercube Communication Model

Batch Size : 32 , Num Clients : 40 , Bias: only label 0

Batch Size : 32 , Num Clients : 45 , Bias: only label 0

Common Channel Communication Model

Hypercube Communication Model

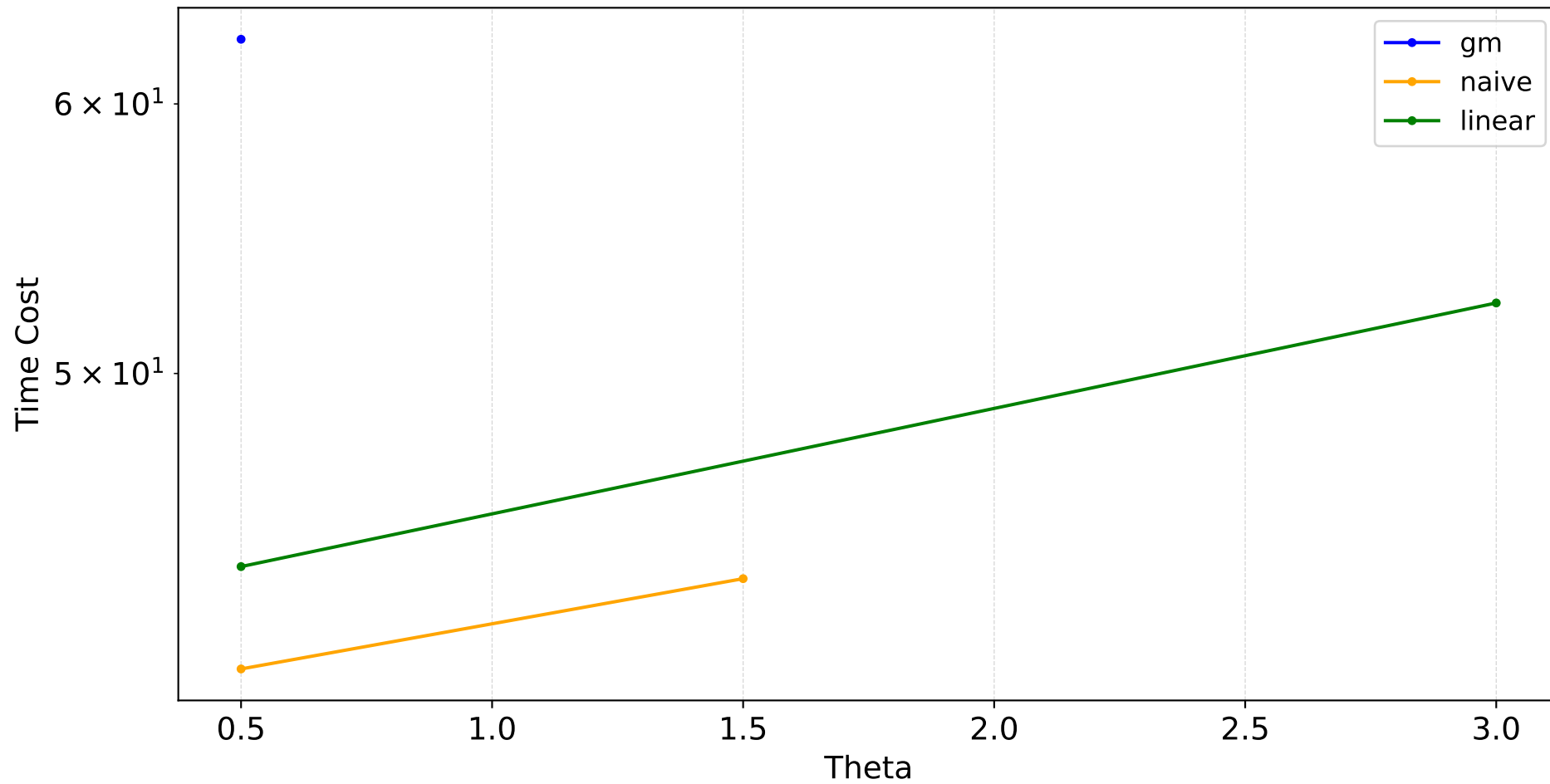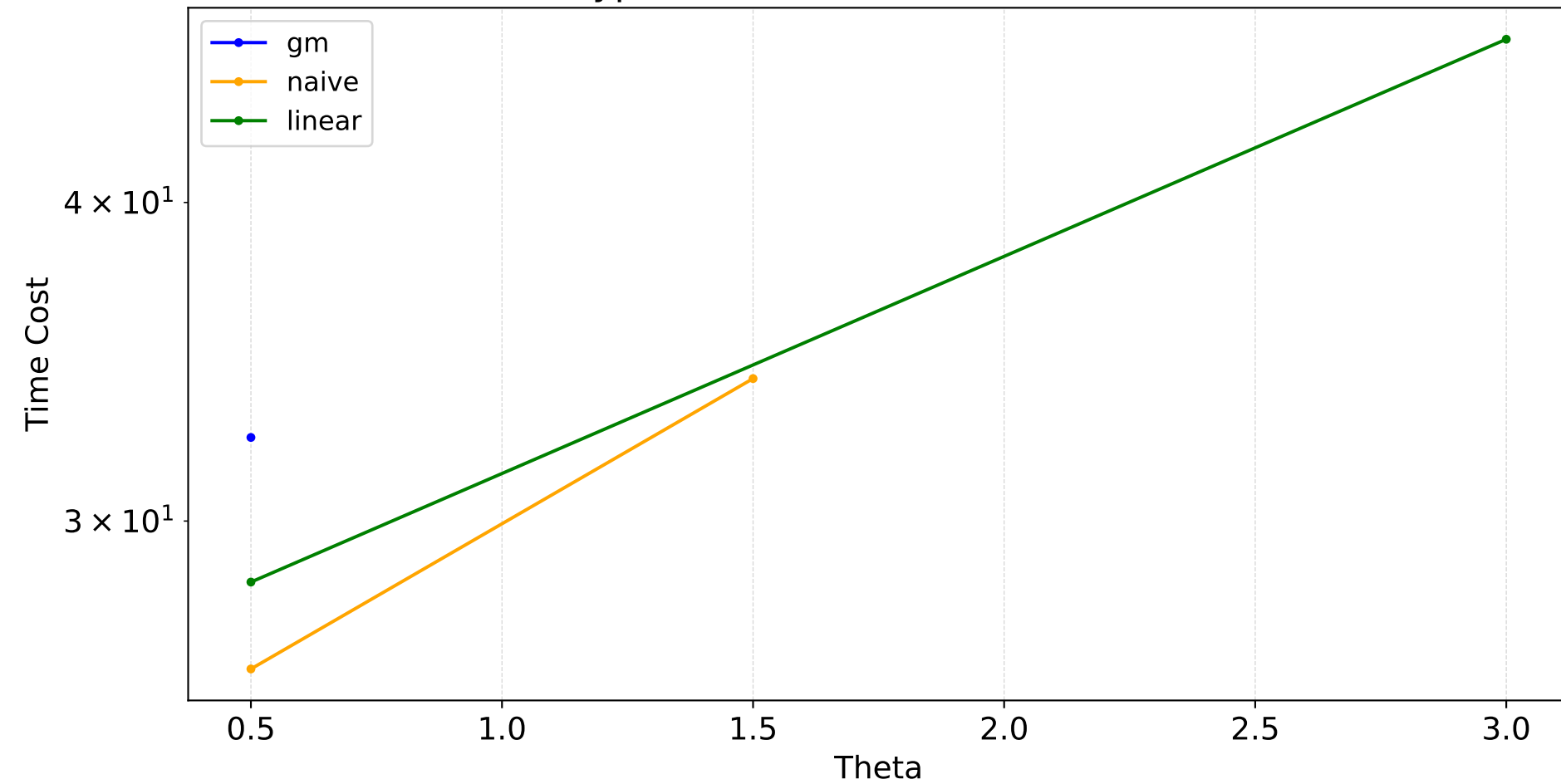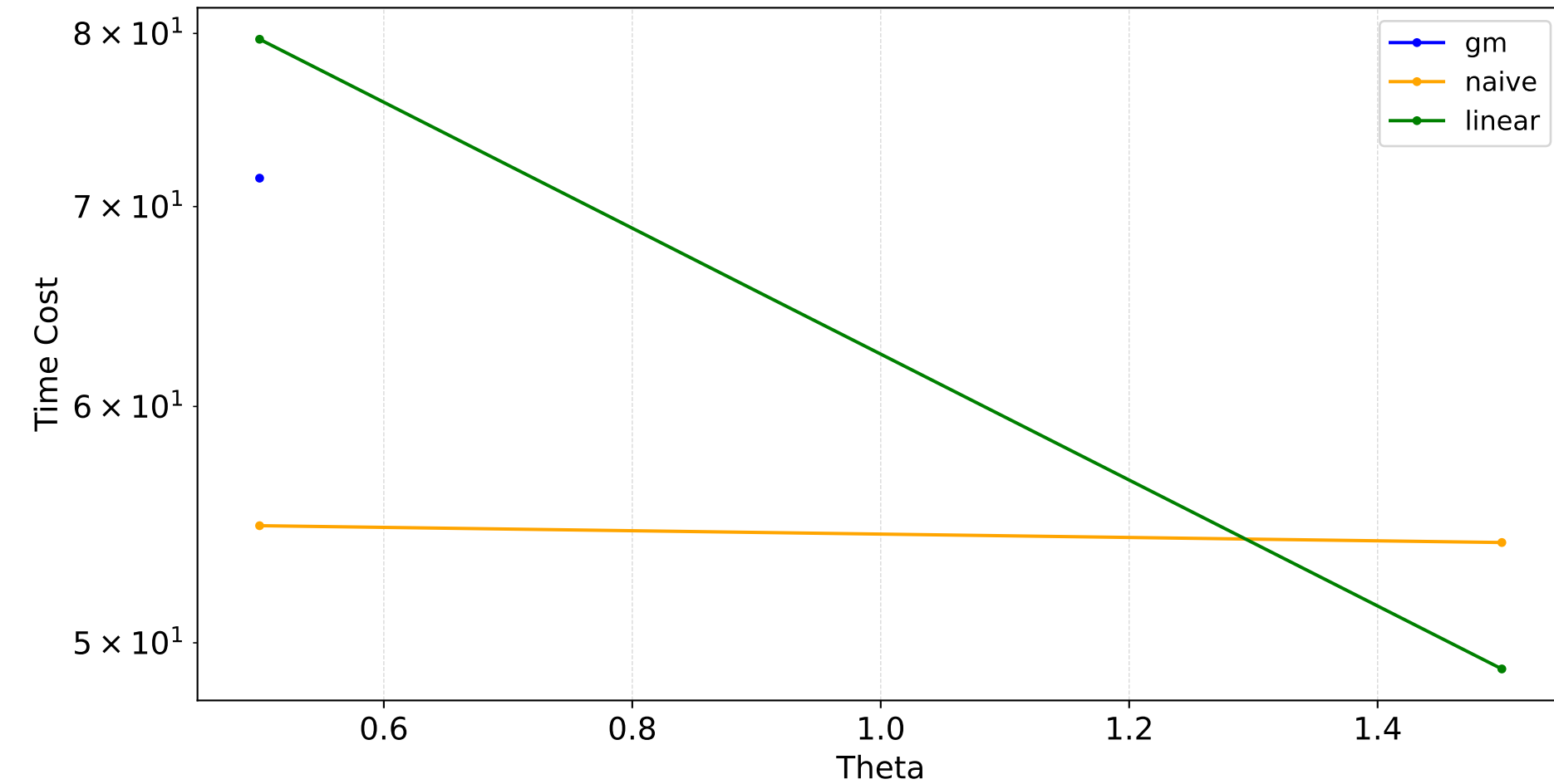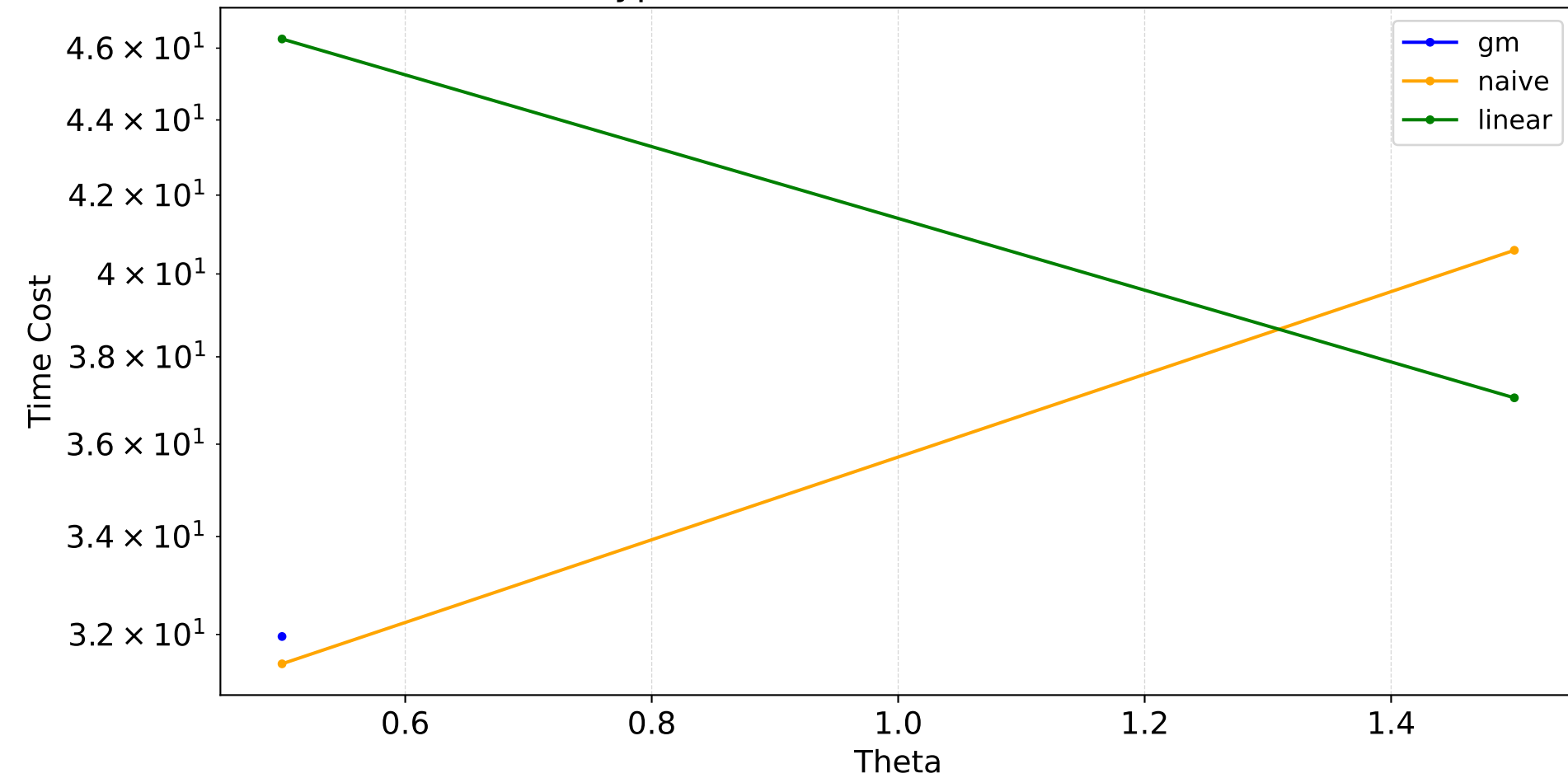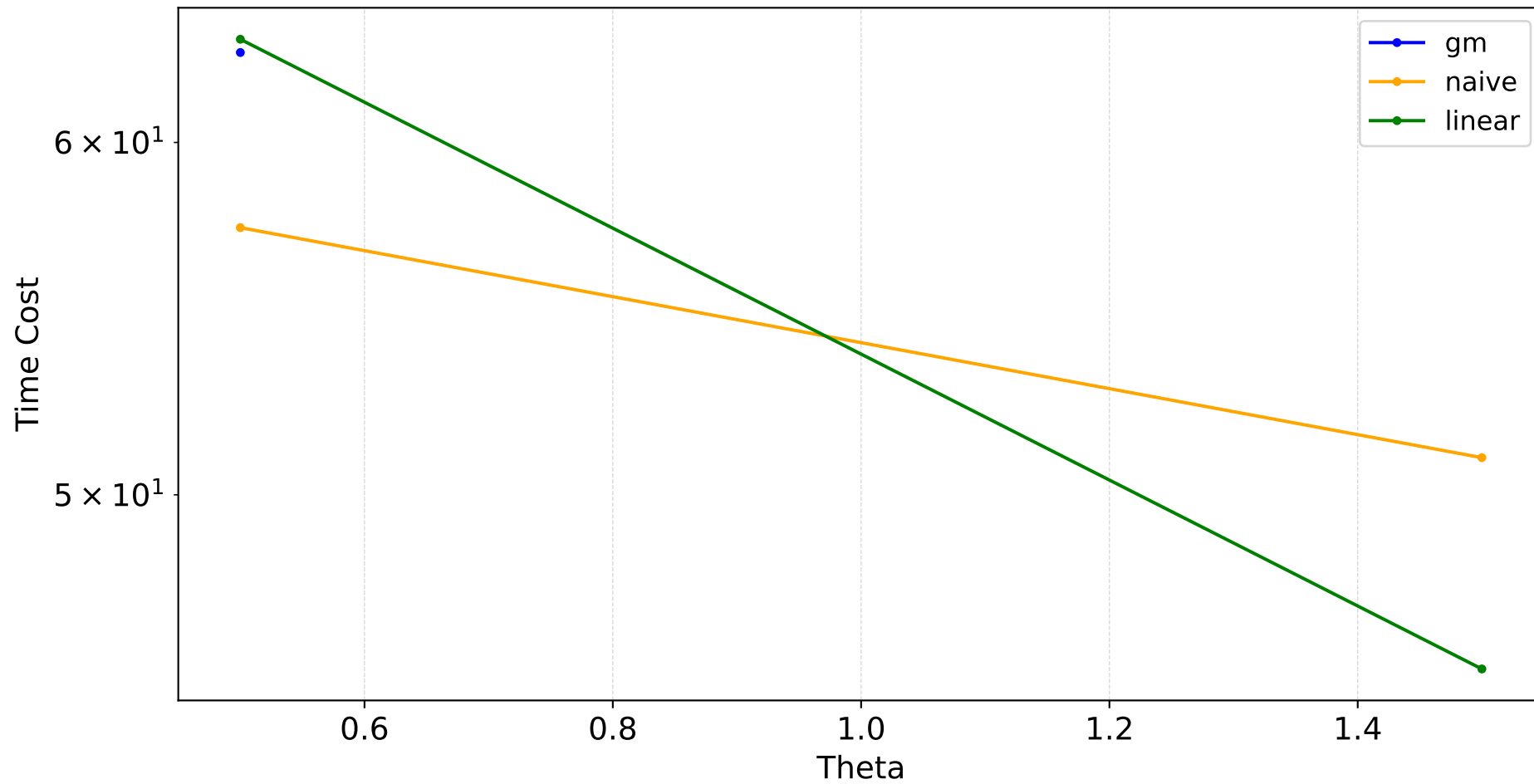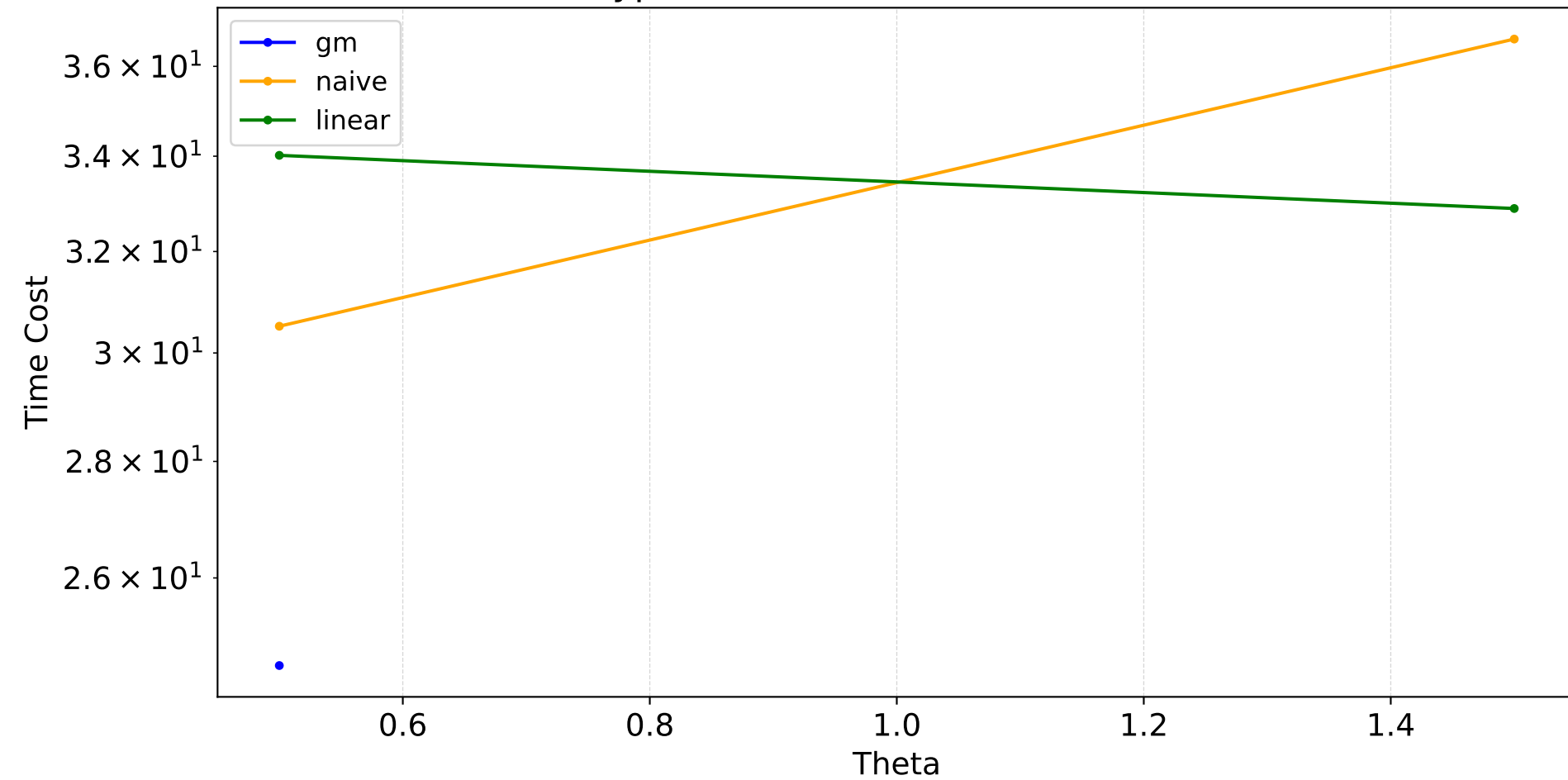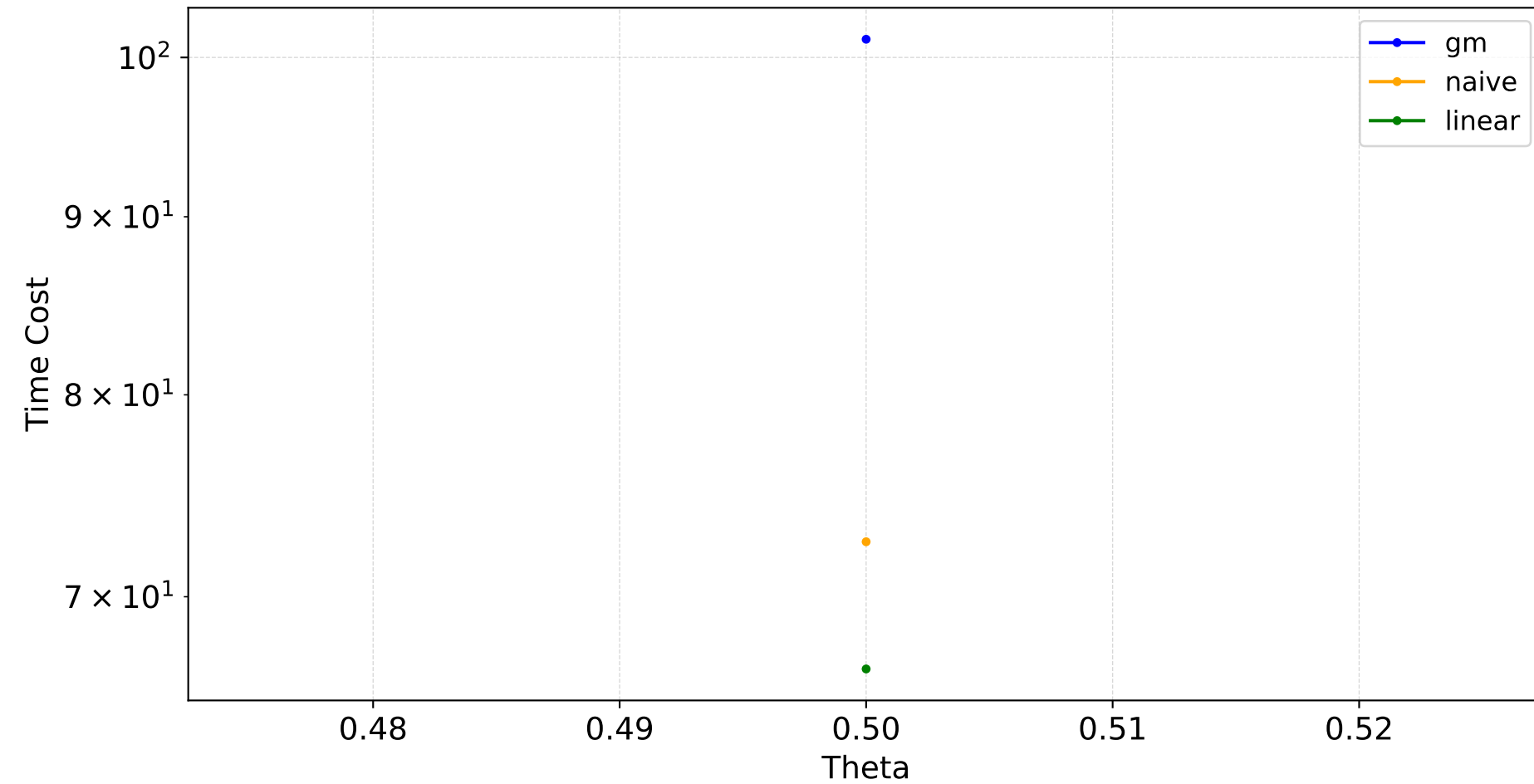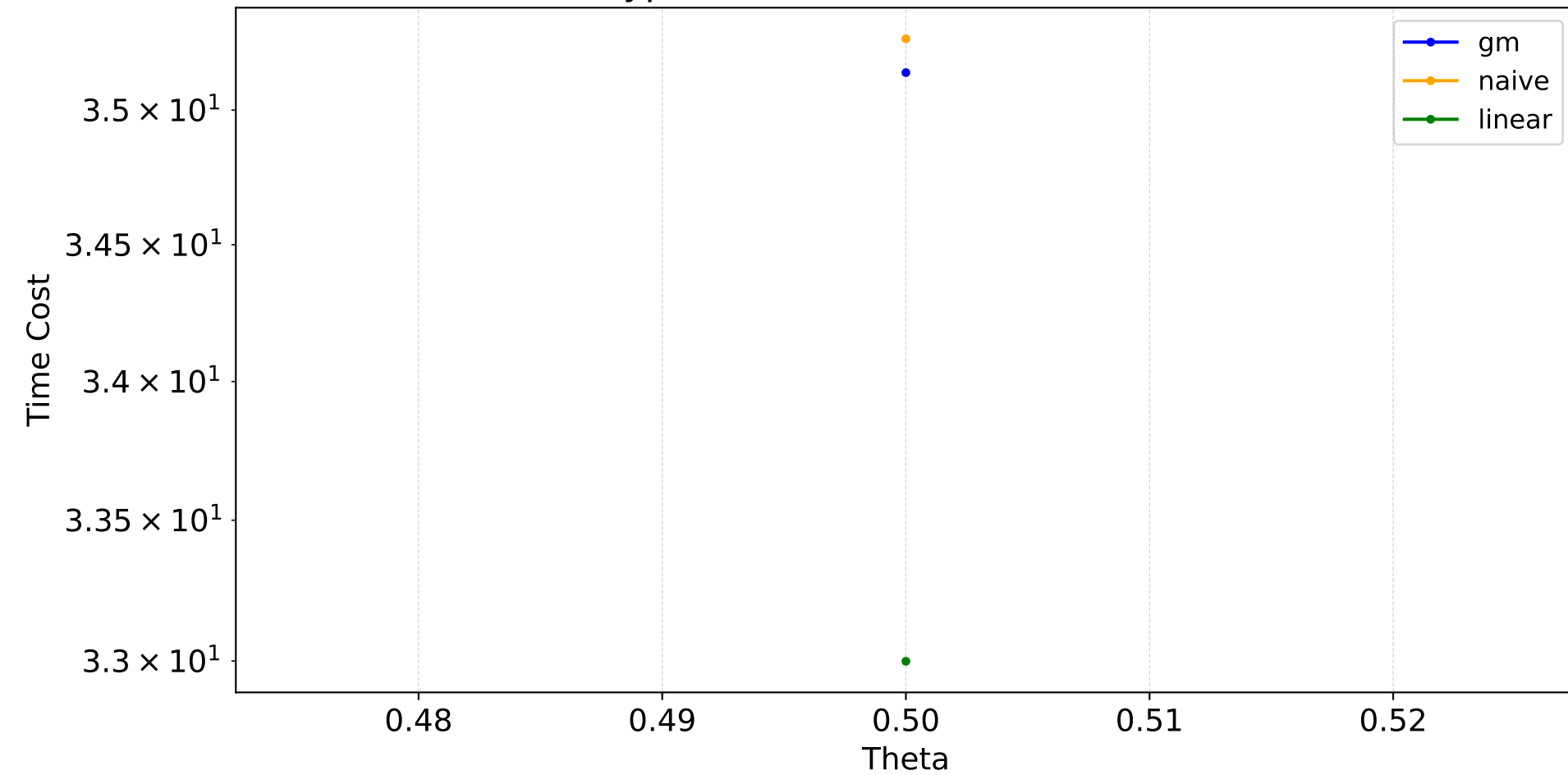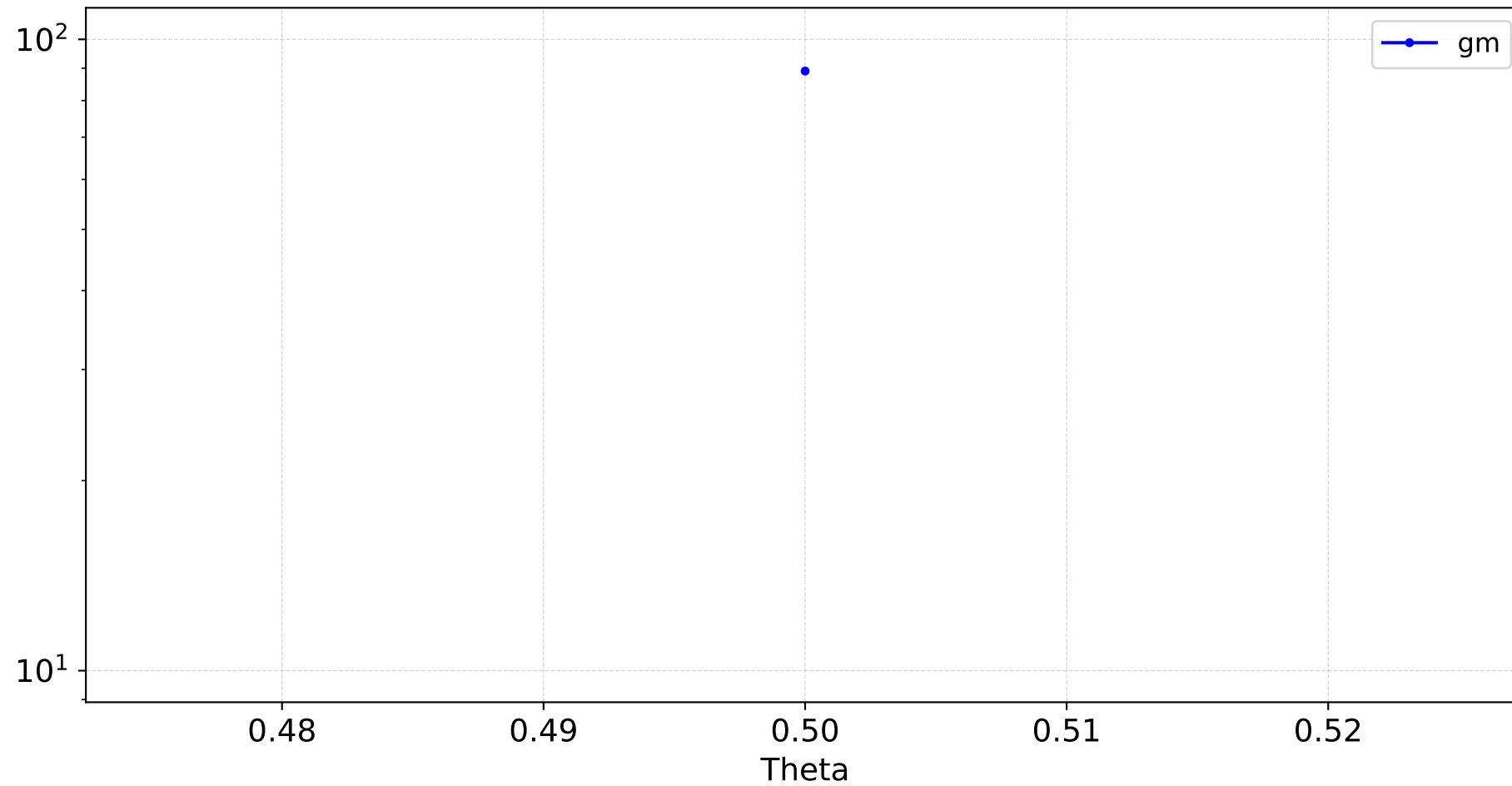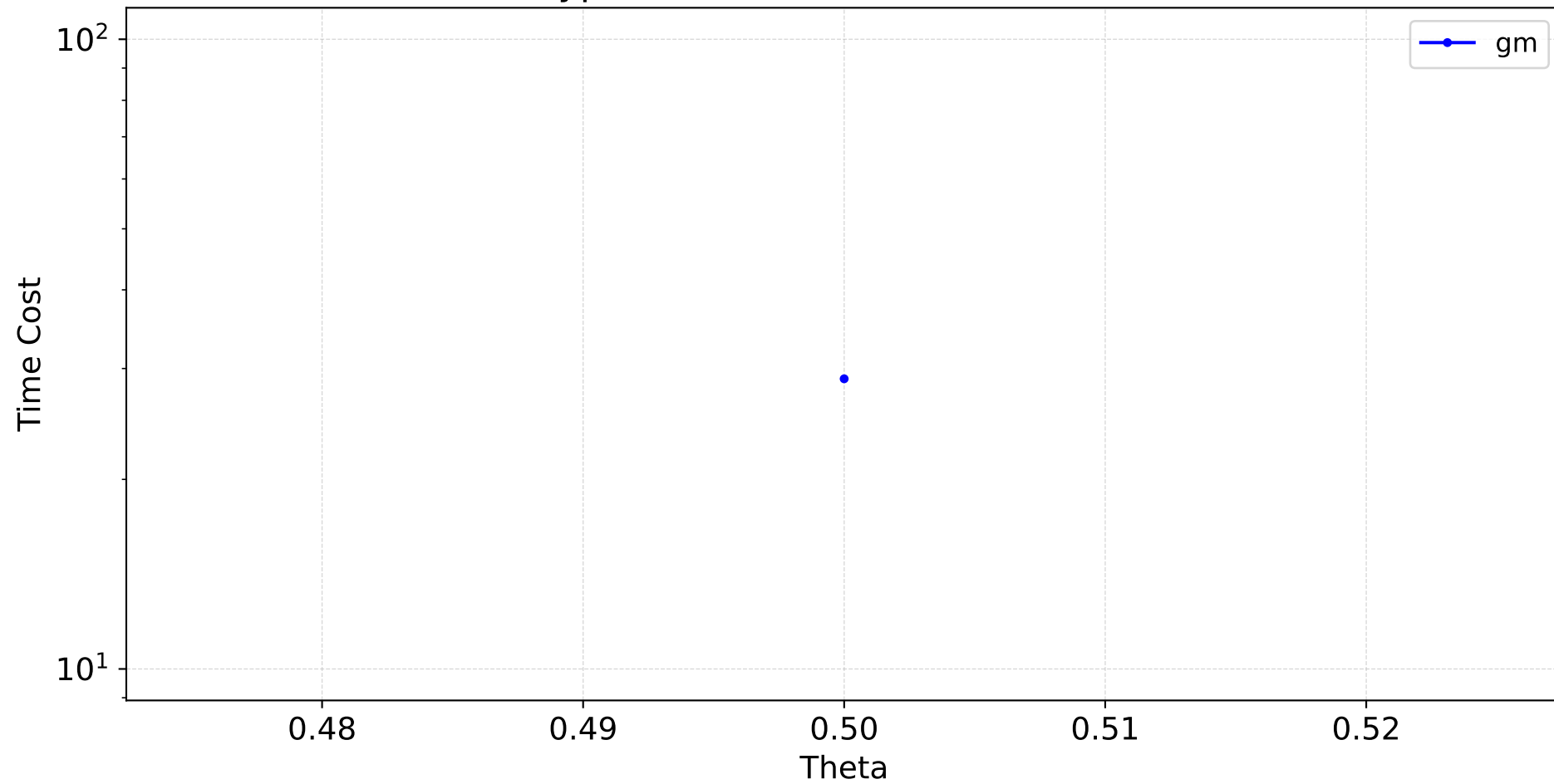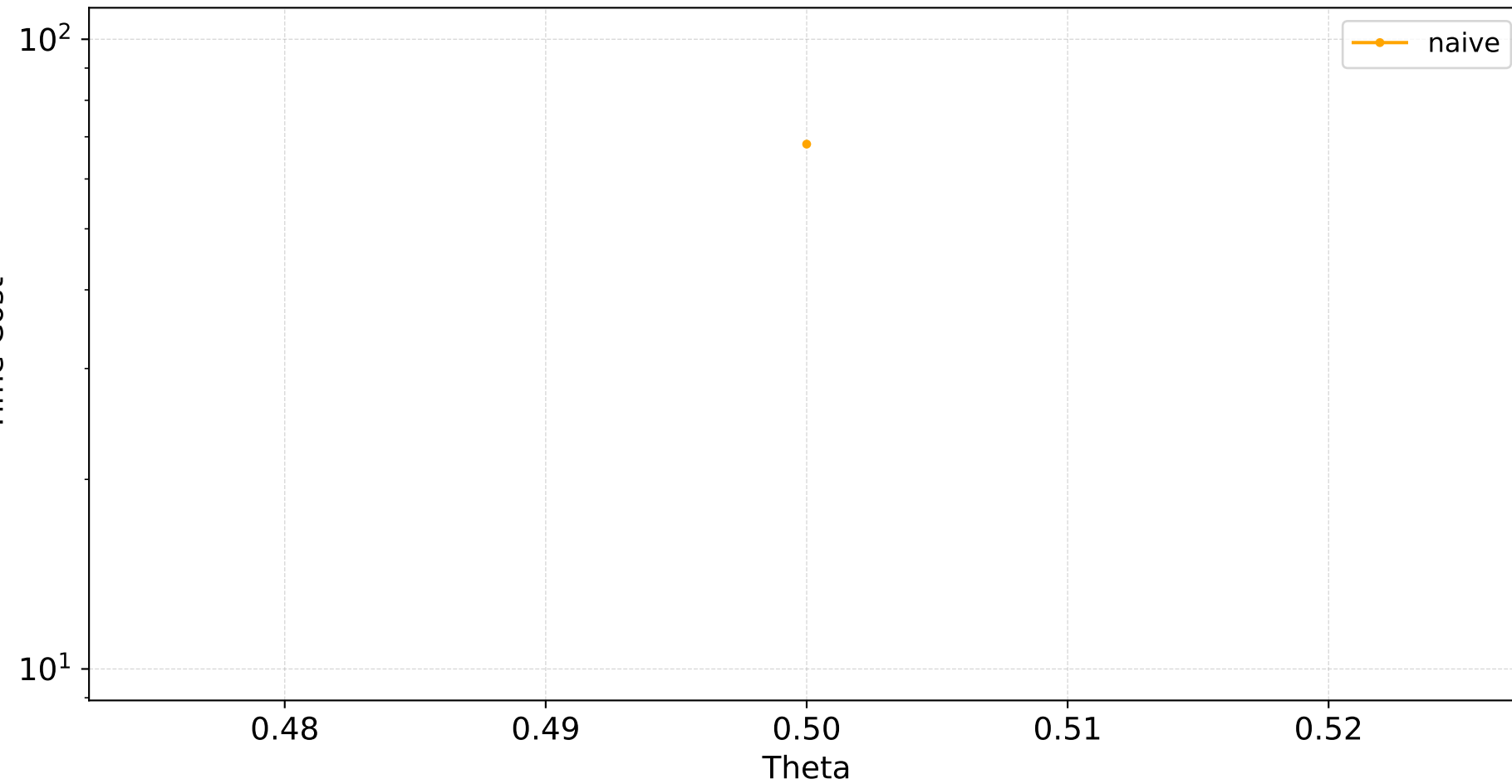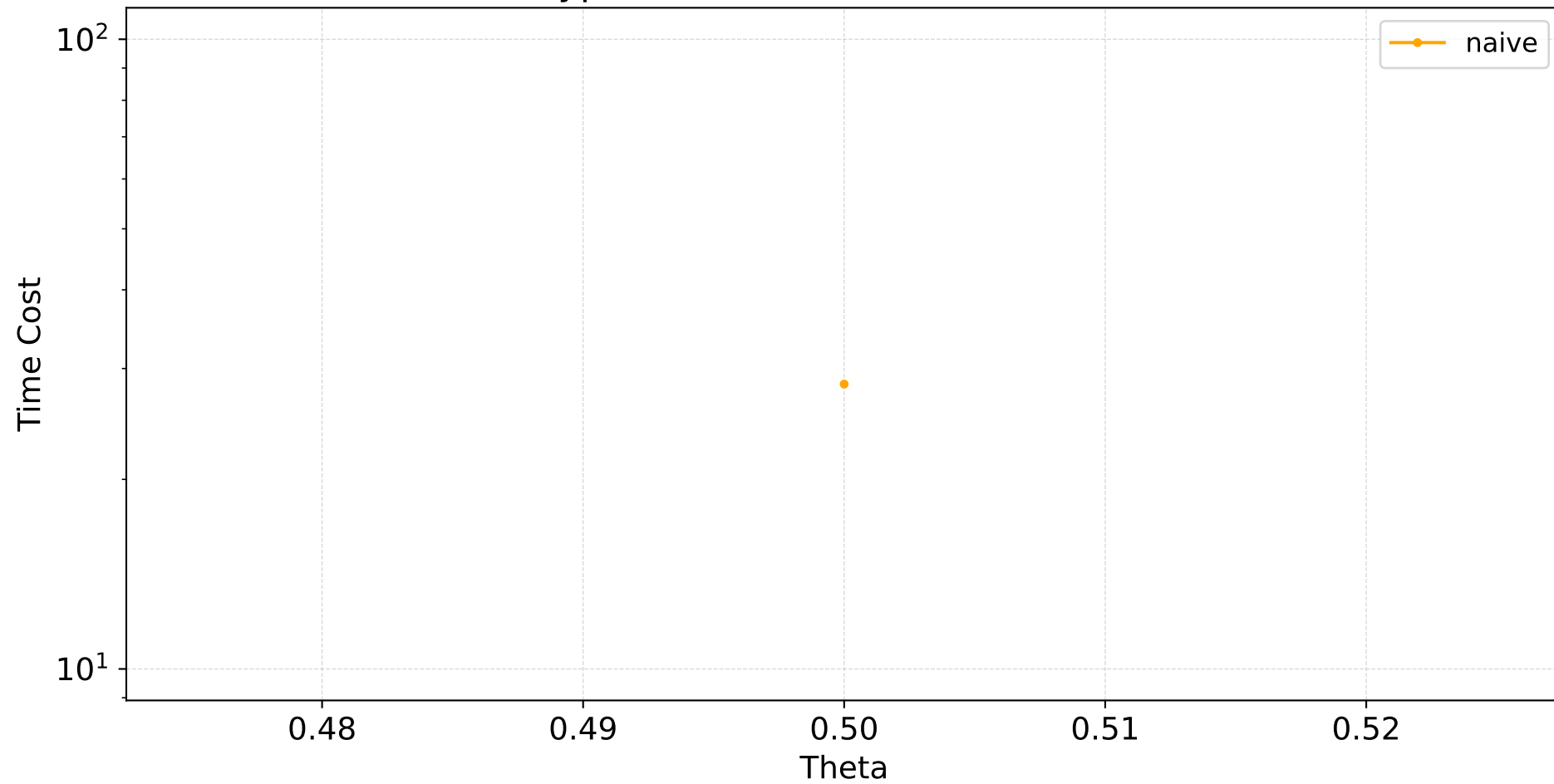Batch Size : 32 , Num Clients : 50 , Bias: only label 0

Common Channel Communication Model

Hypercube Communication Model

Batch Size : 32 , Num Clients : 5 , Bias: 0.6

Batch Size : 32 , Num Clients : 10 , Bias: 0.6

Batch Size : 32 , Num Clients : 15 , Bias: 0.6

Batch Size : 32 , Num Clients : 20 , Bias: 0.6
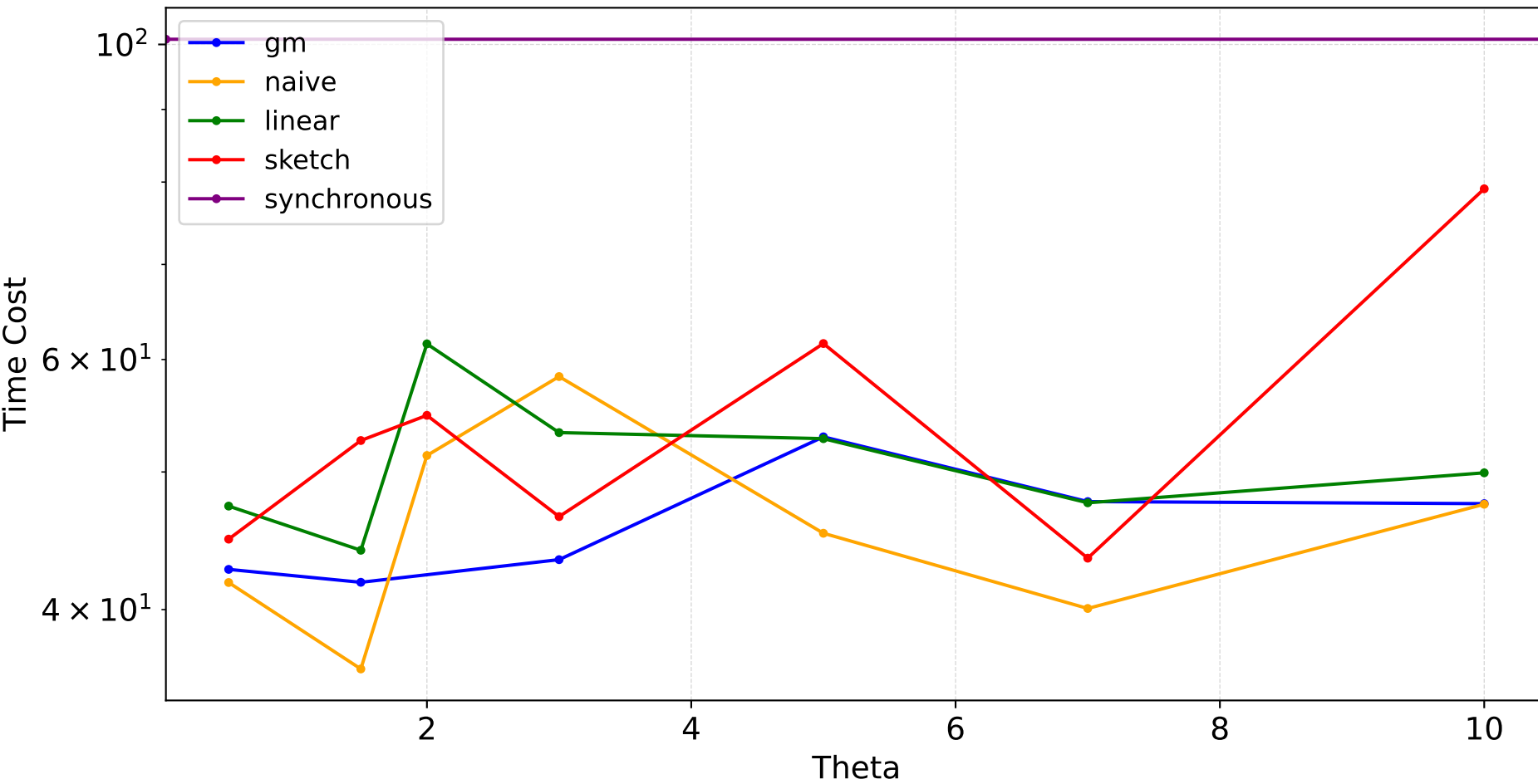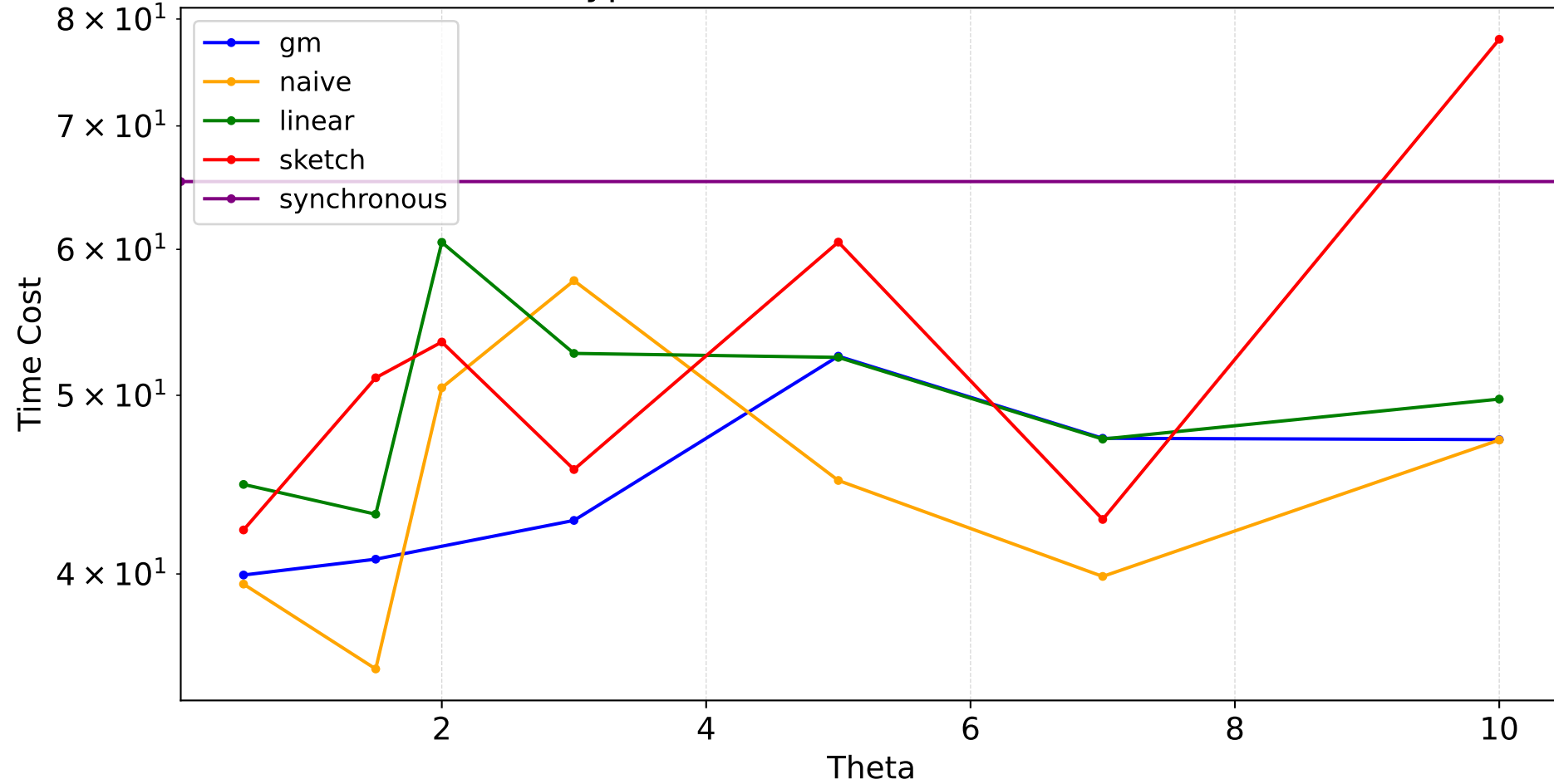
Common Channel Communication Model

Hypercube Communication Model

Batch Size : 32 , Num Clients : 25 , Bias: 0.6
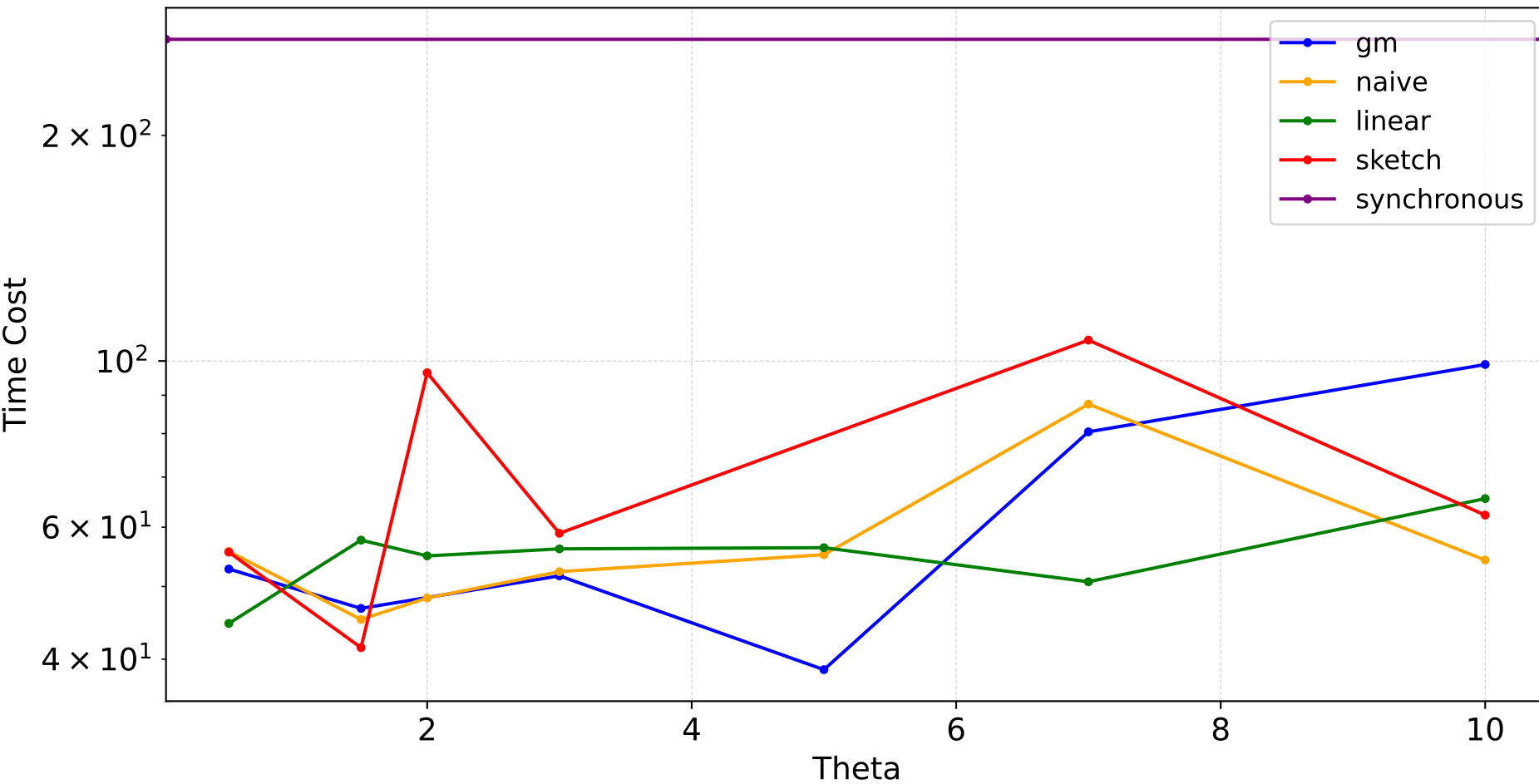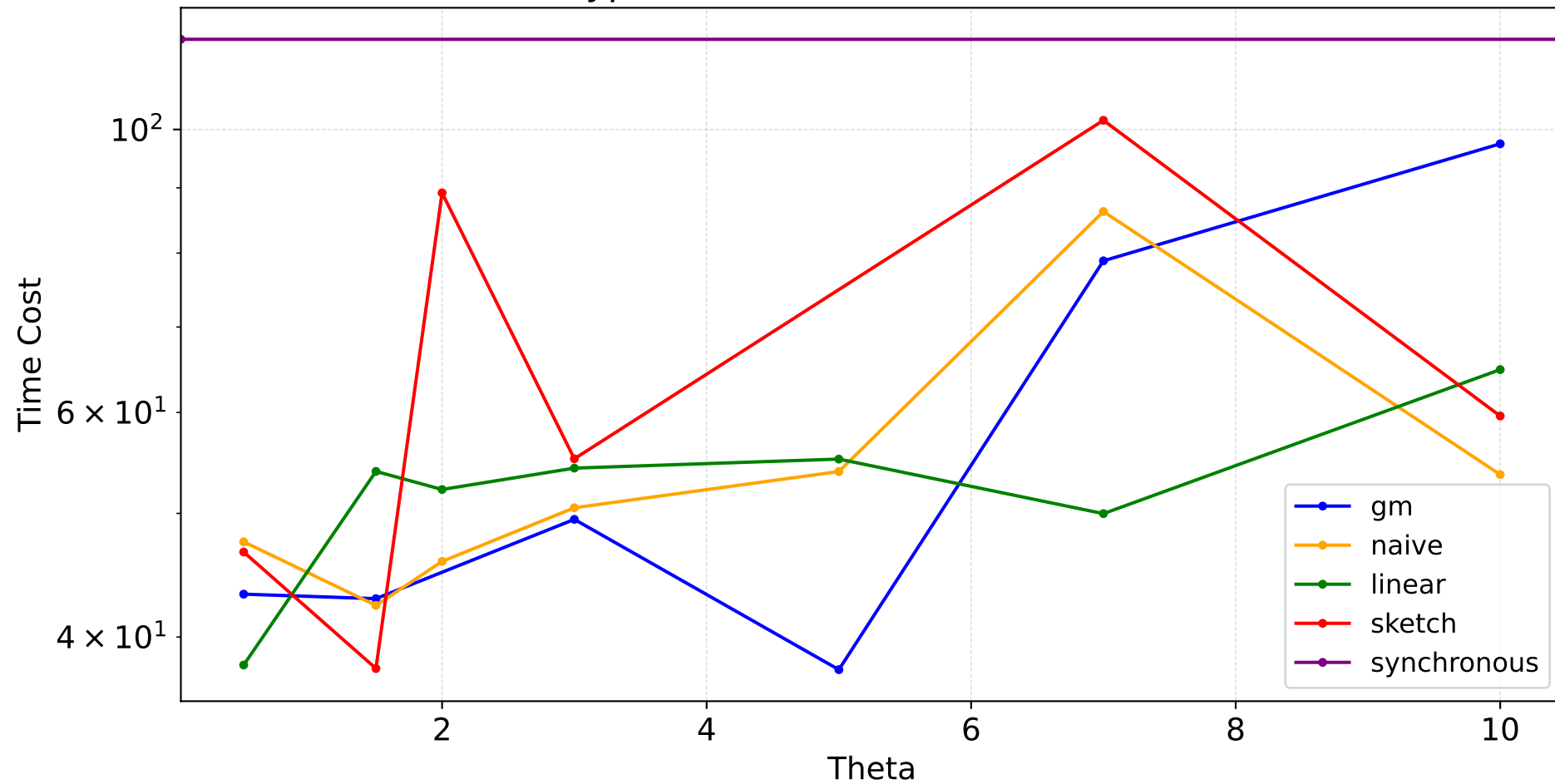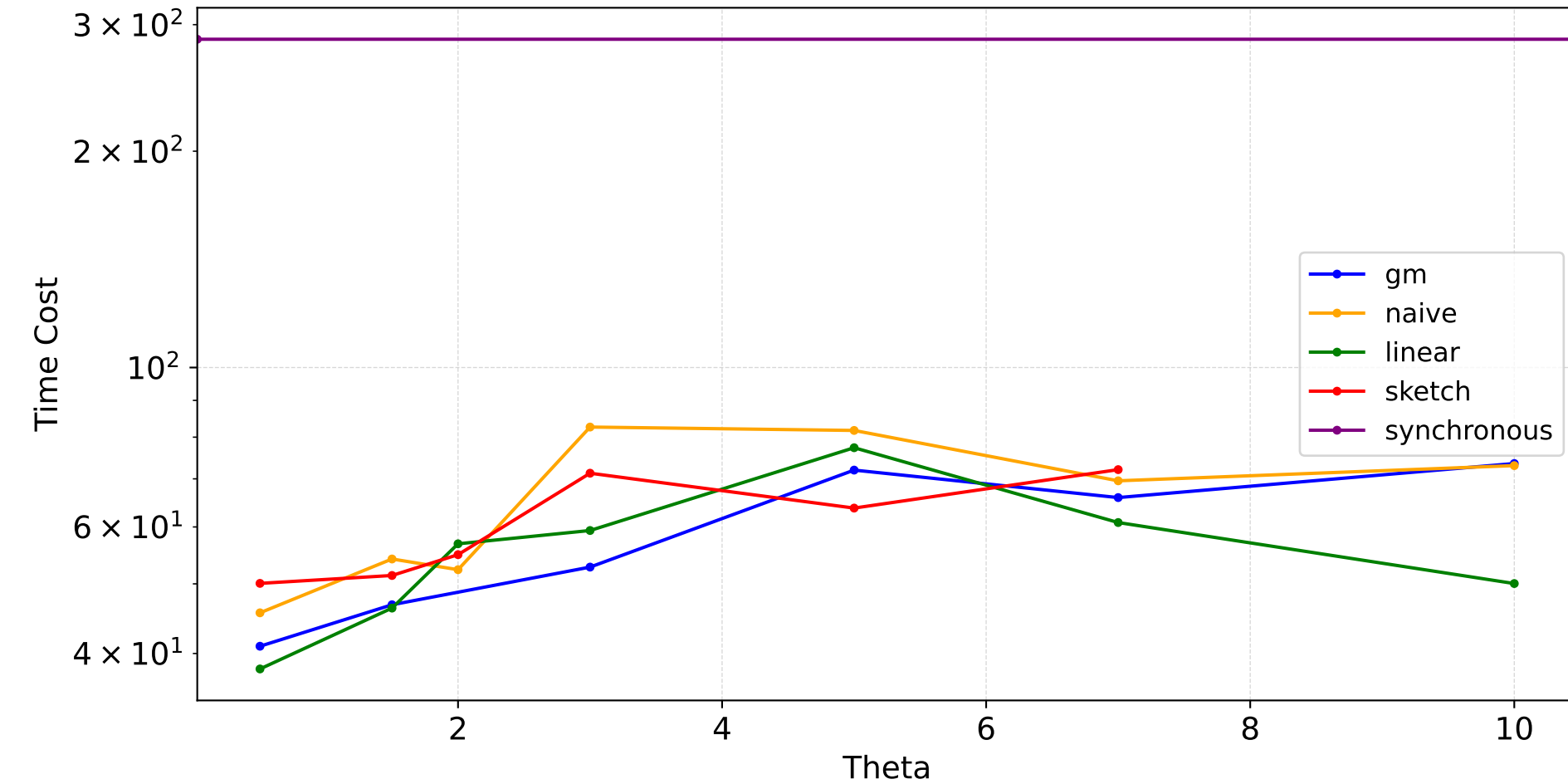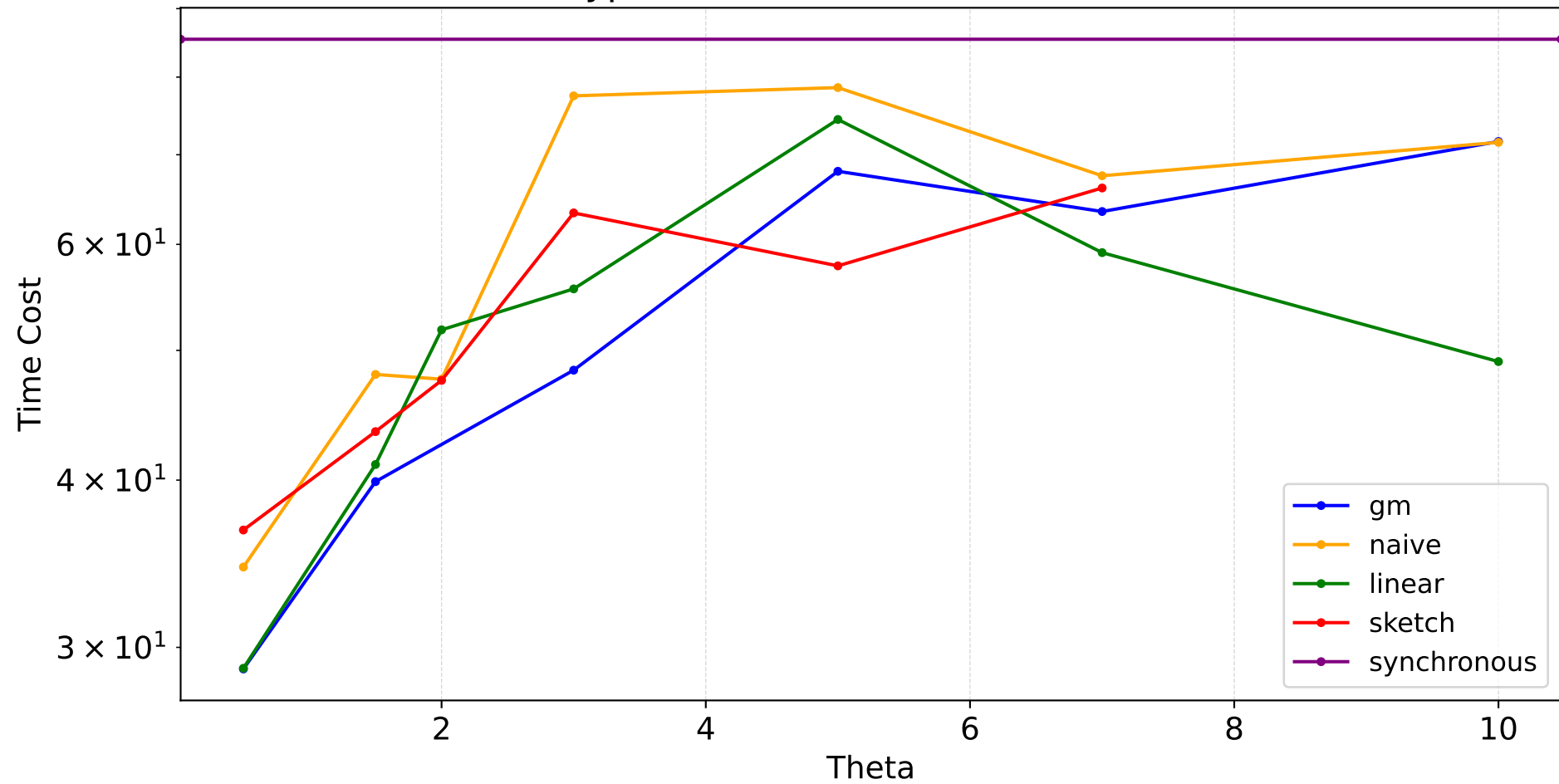
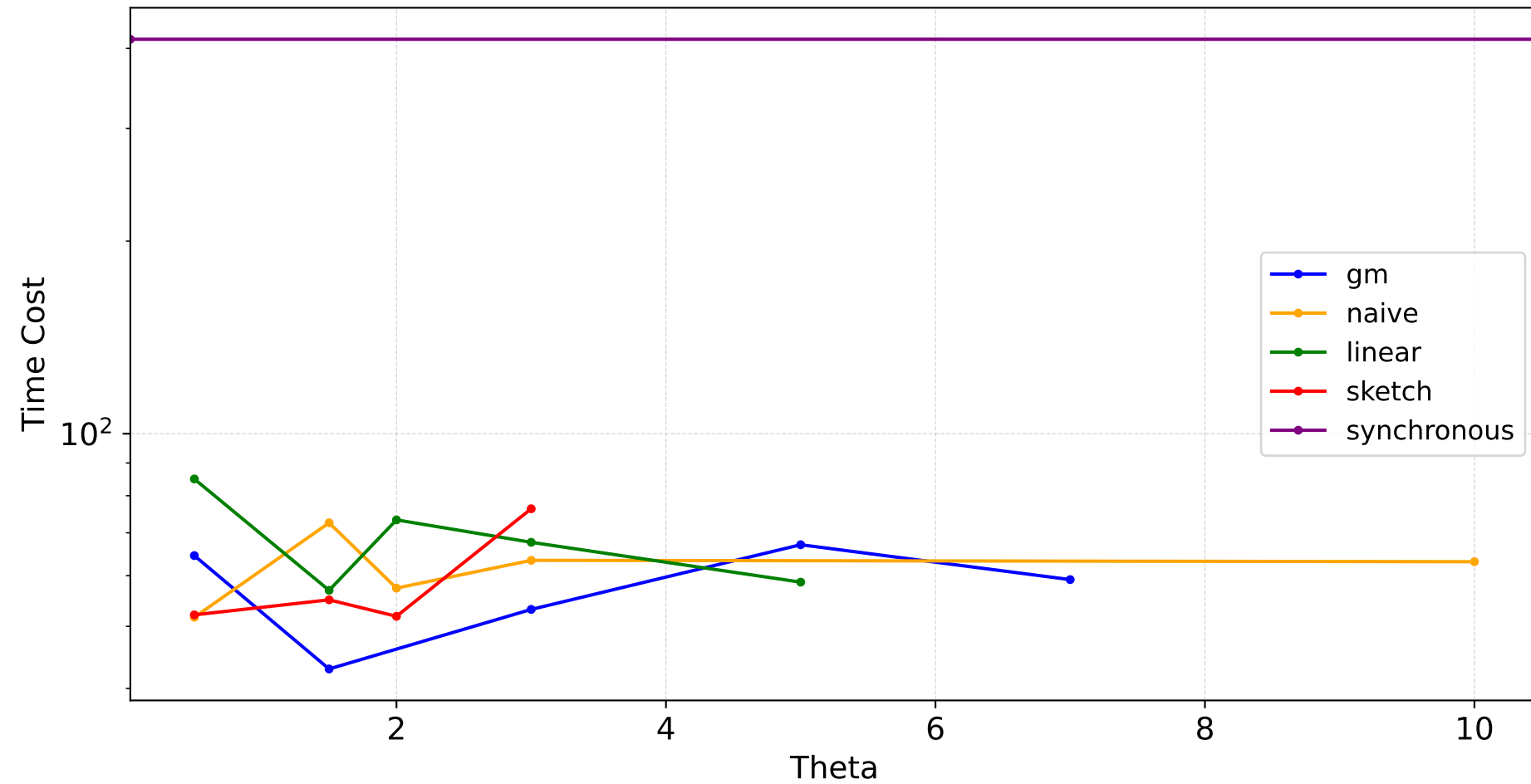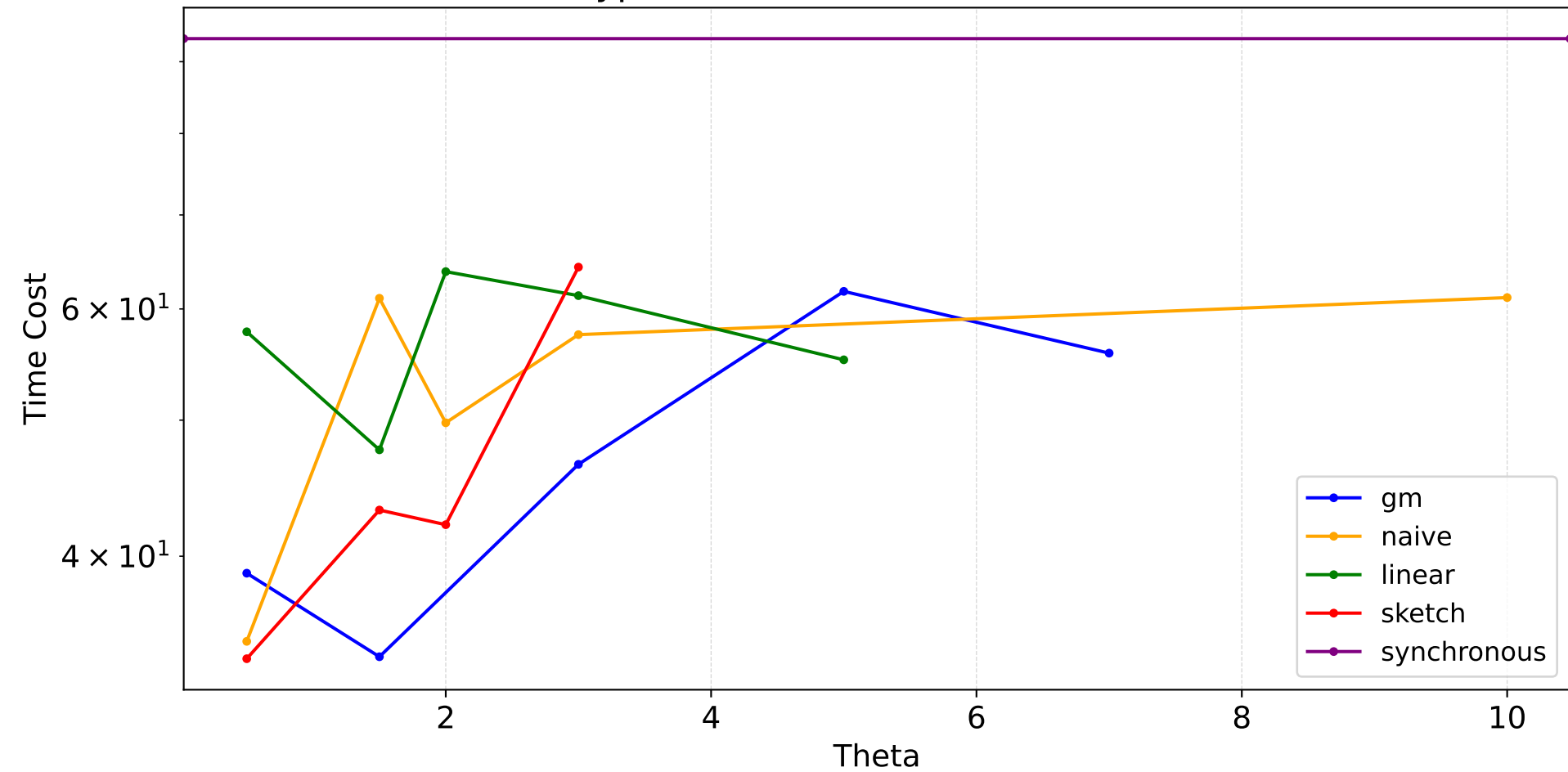**Common Channel Communication Model**

Hypercube Communication Model

Legend:
- gm
- naive
- linear
- sketch
- synchronous

X-axis: Theta

Y-axis: Time Cost

Batch Size : 32 , Num Clients : 30 , Bias: 0.6

Batch Size : 32 , Num Clients : 35 , Bias: 0.6

Common Channel Communication Model

Hypercube Communication Model

Batch Size : 32 , Num Clients : 40 , Bias: 0.6
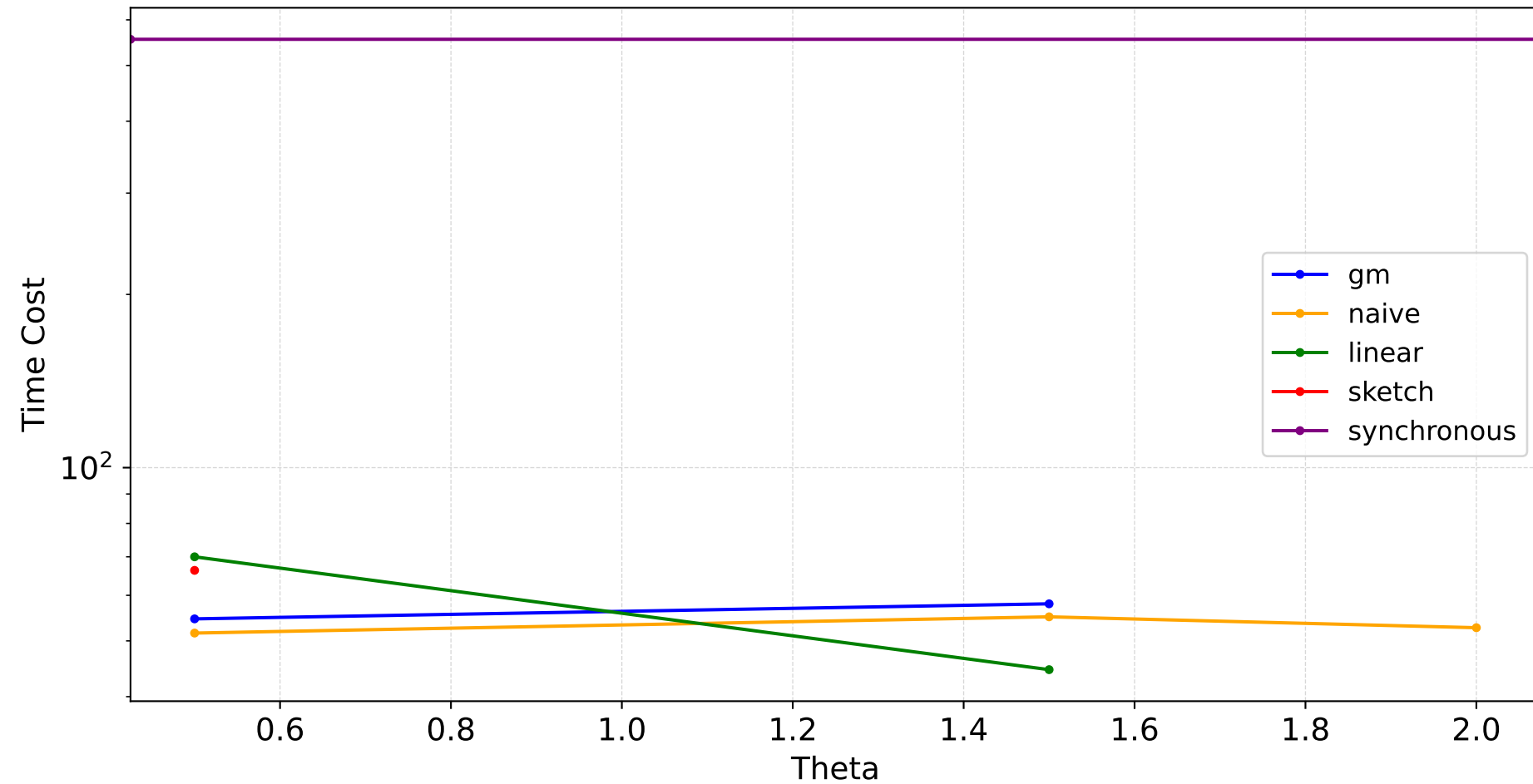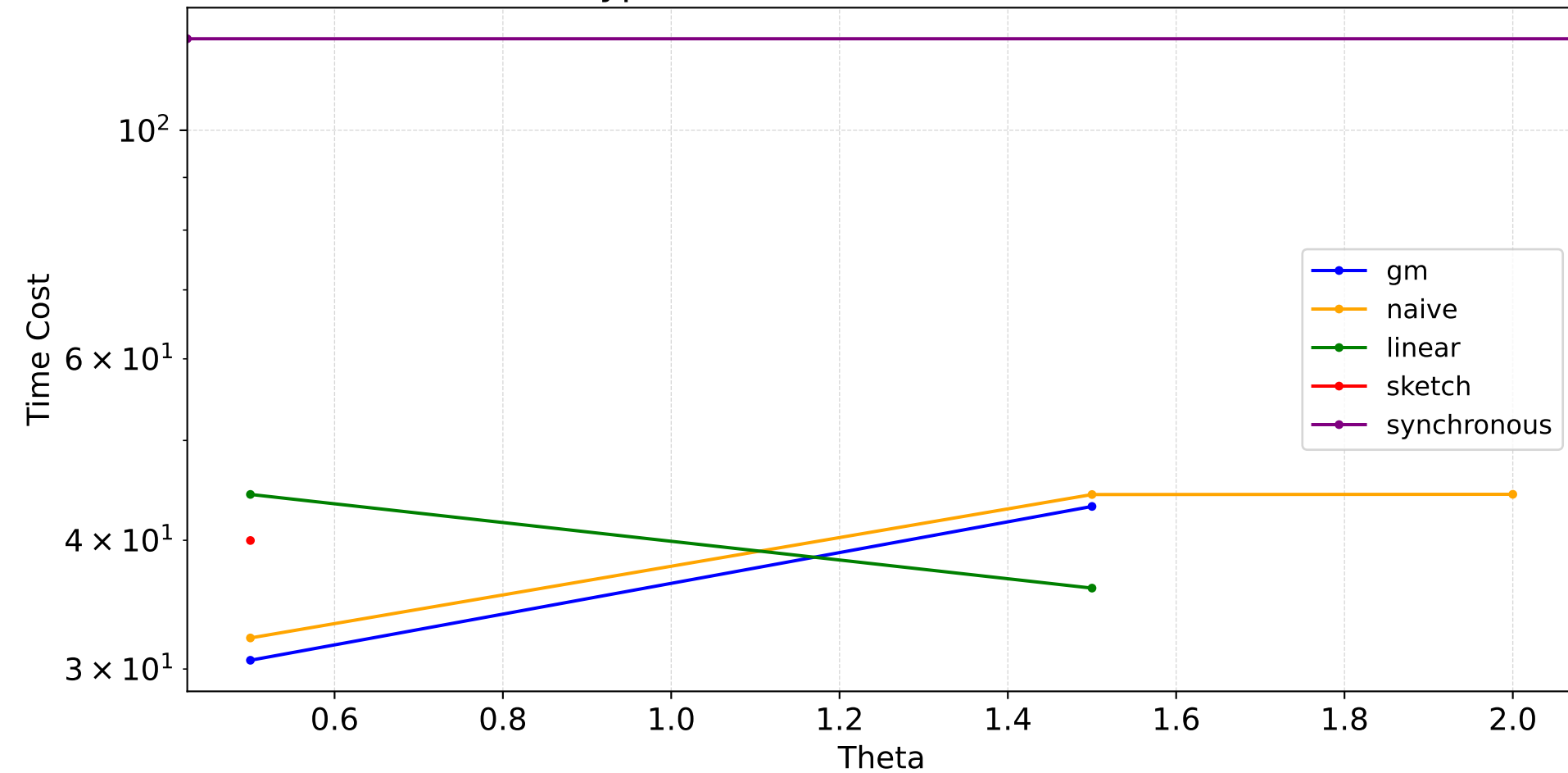

Common Channel Communication Model

Hypercube Communication Model

Batch Size : 32 , Num Clients : 45 , Bias: 0.6
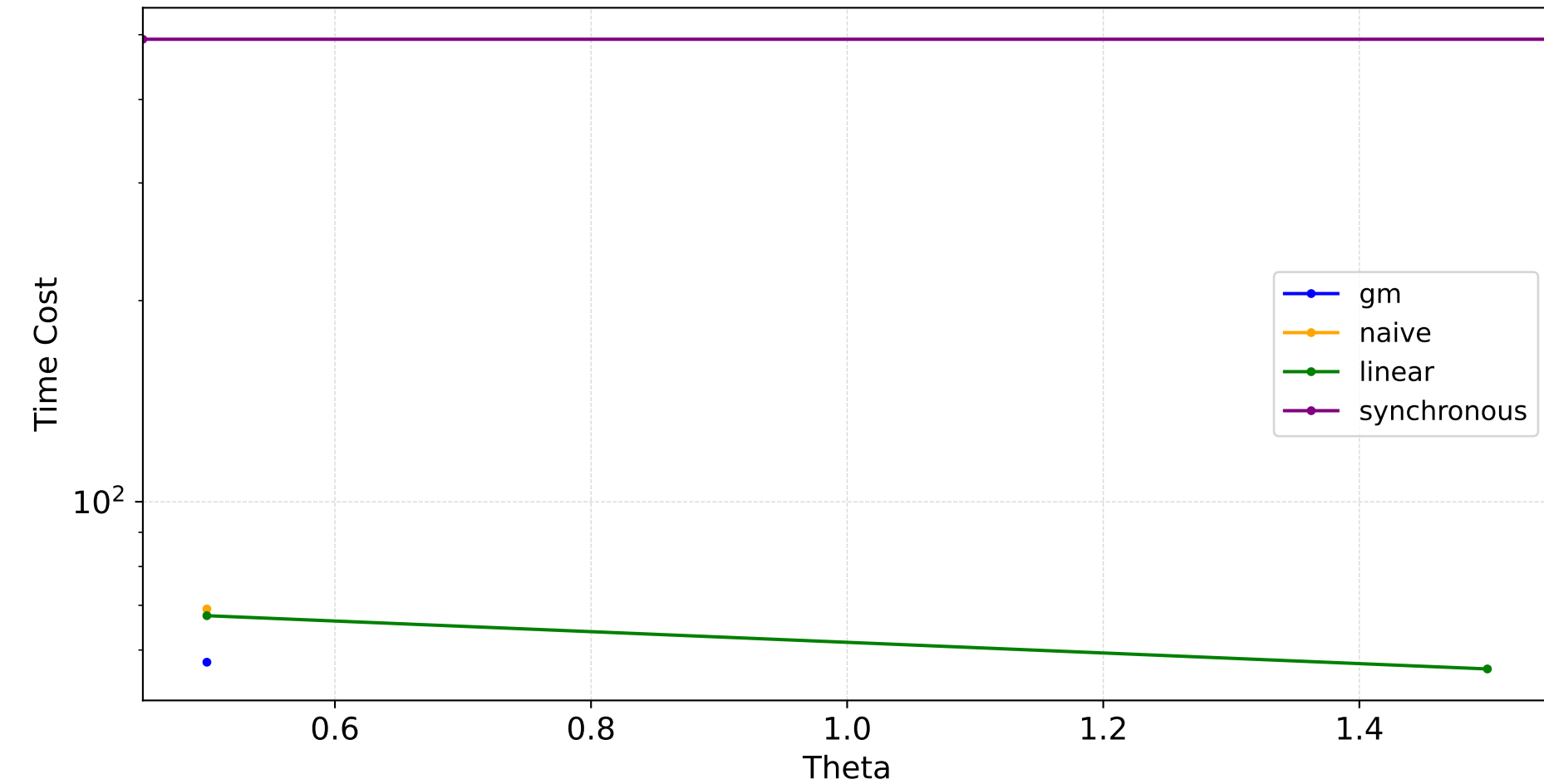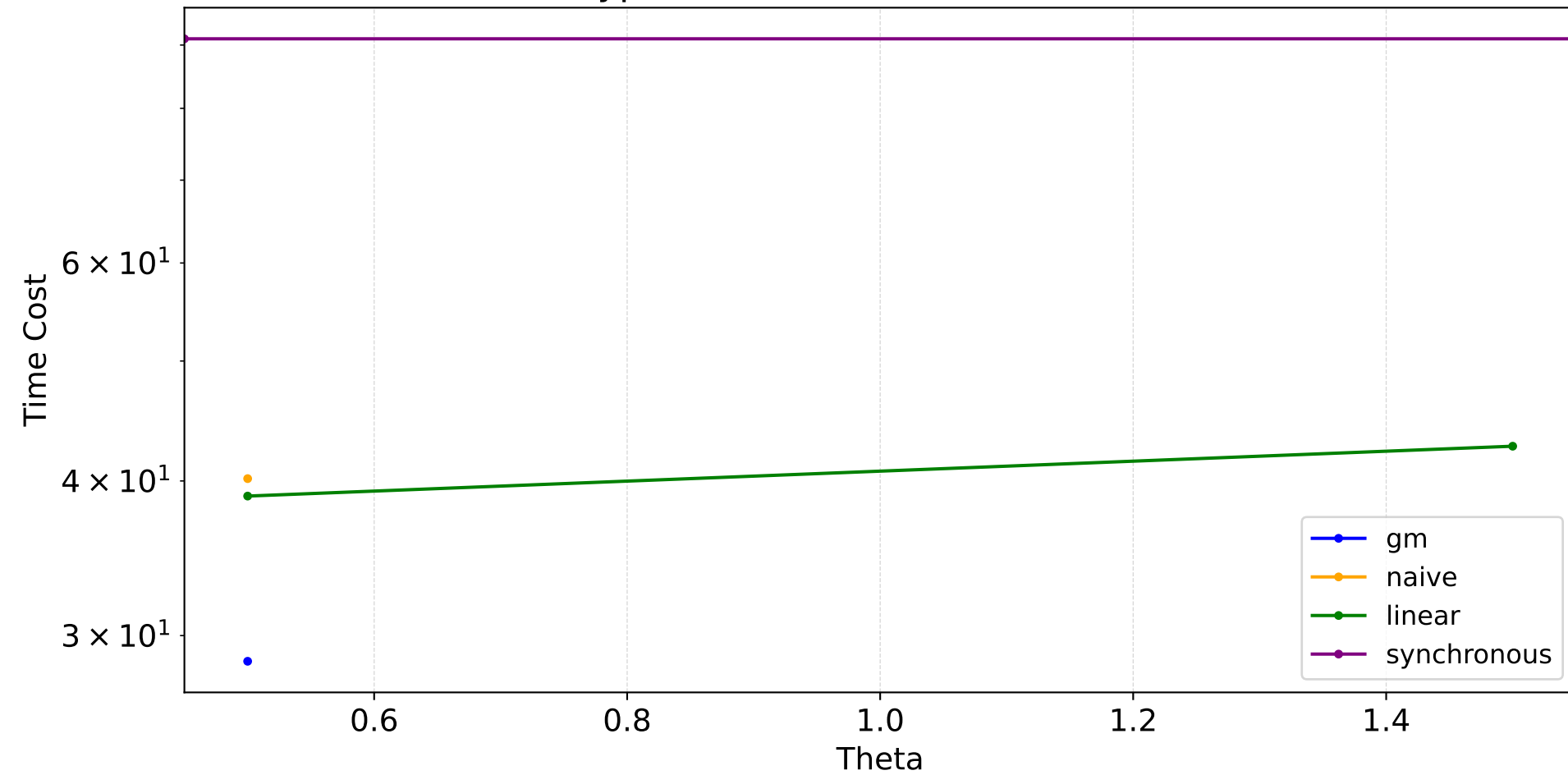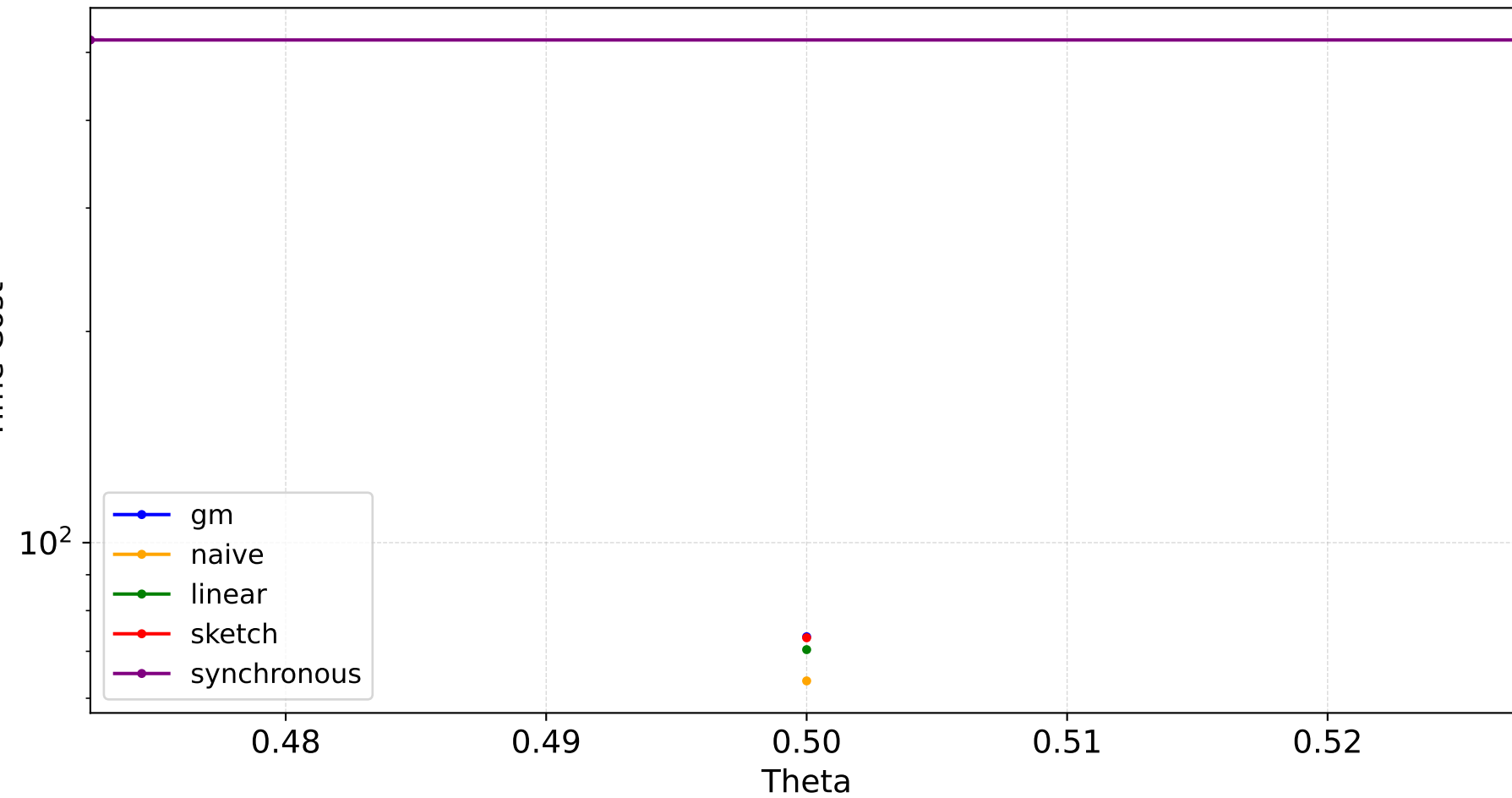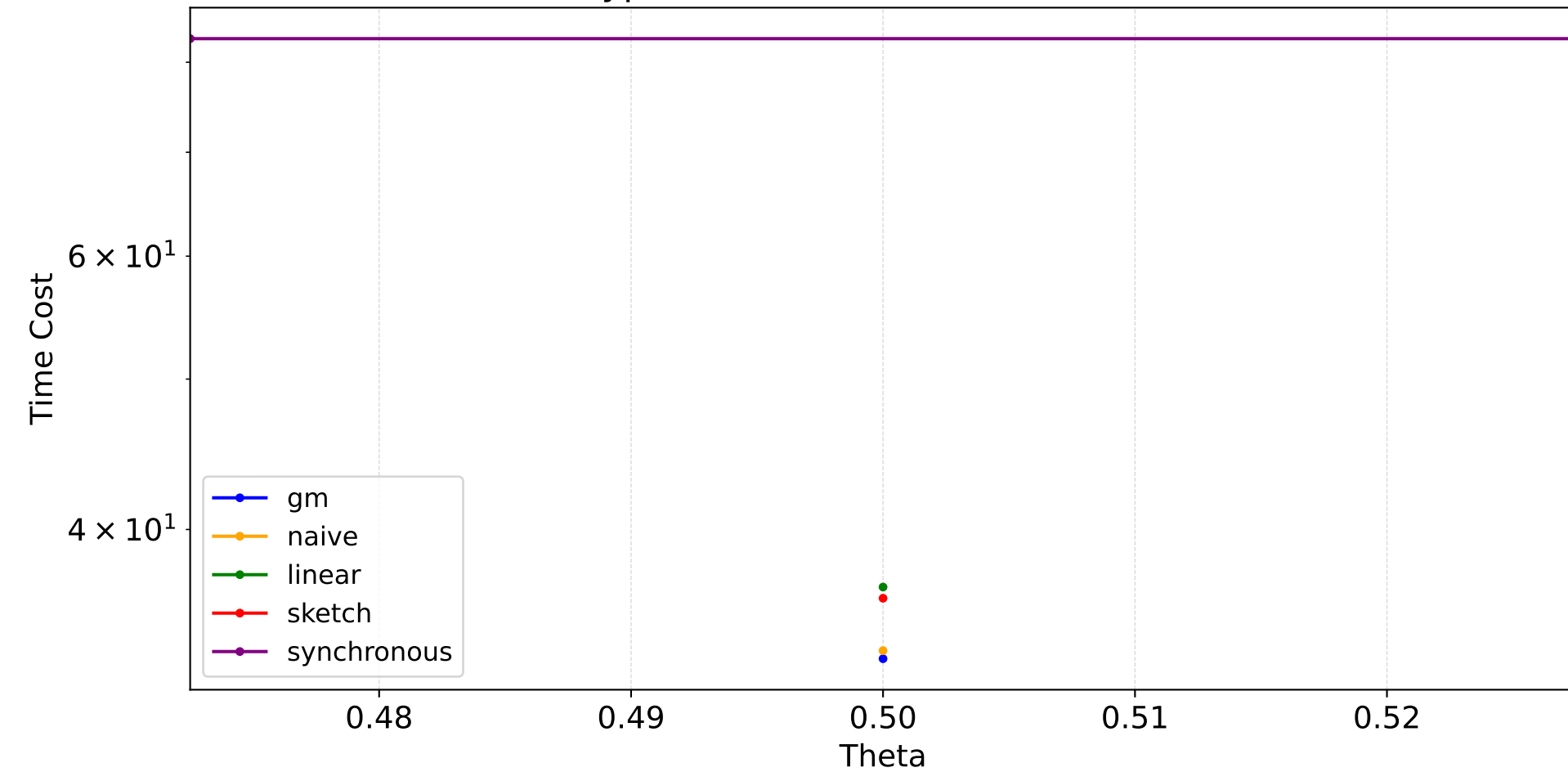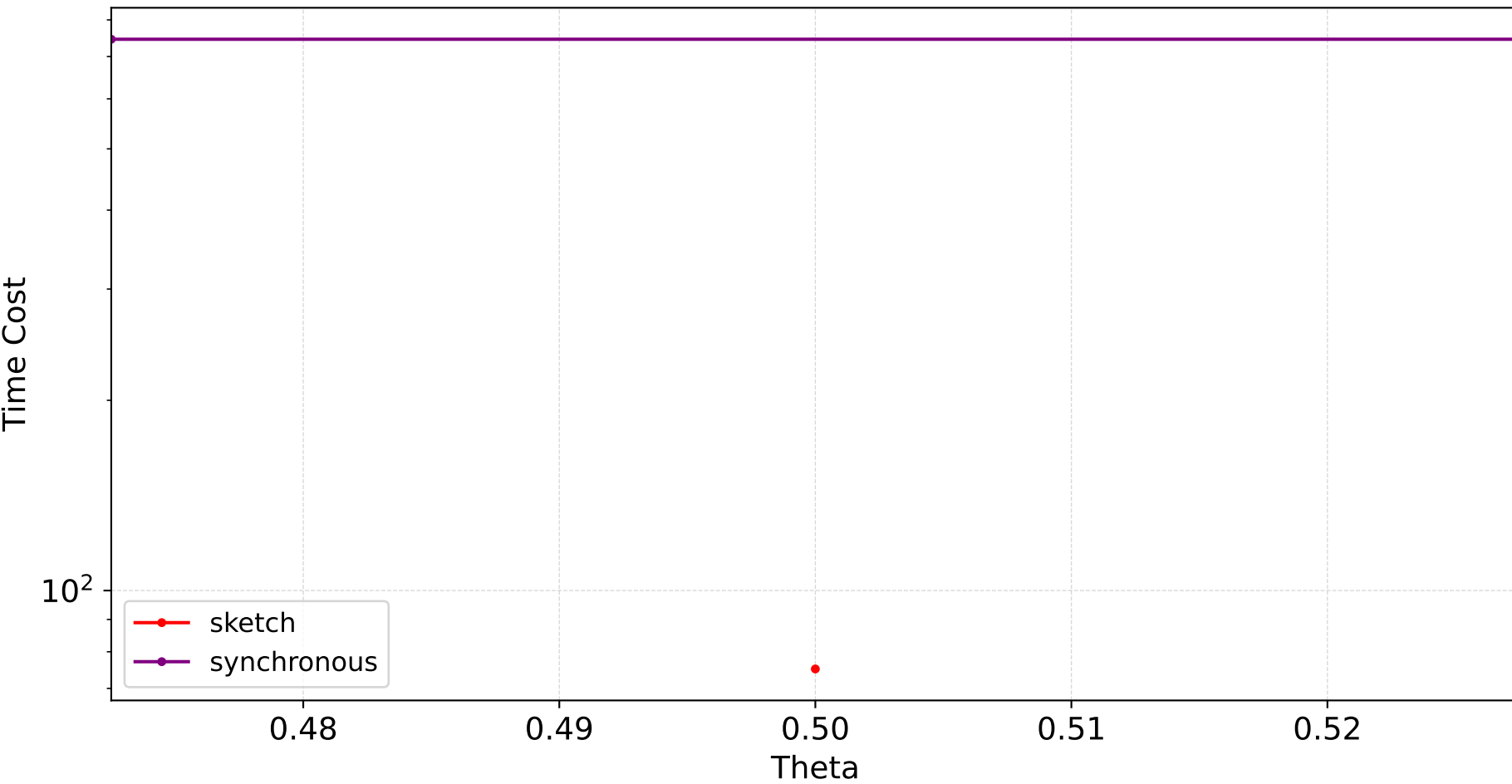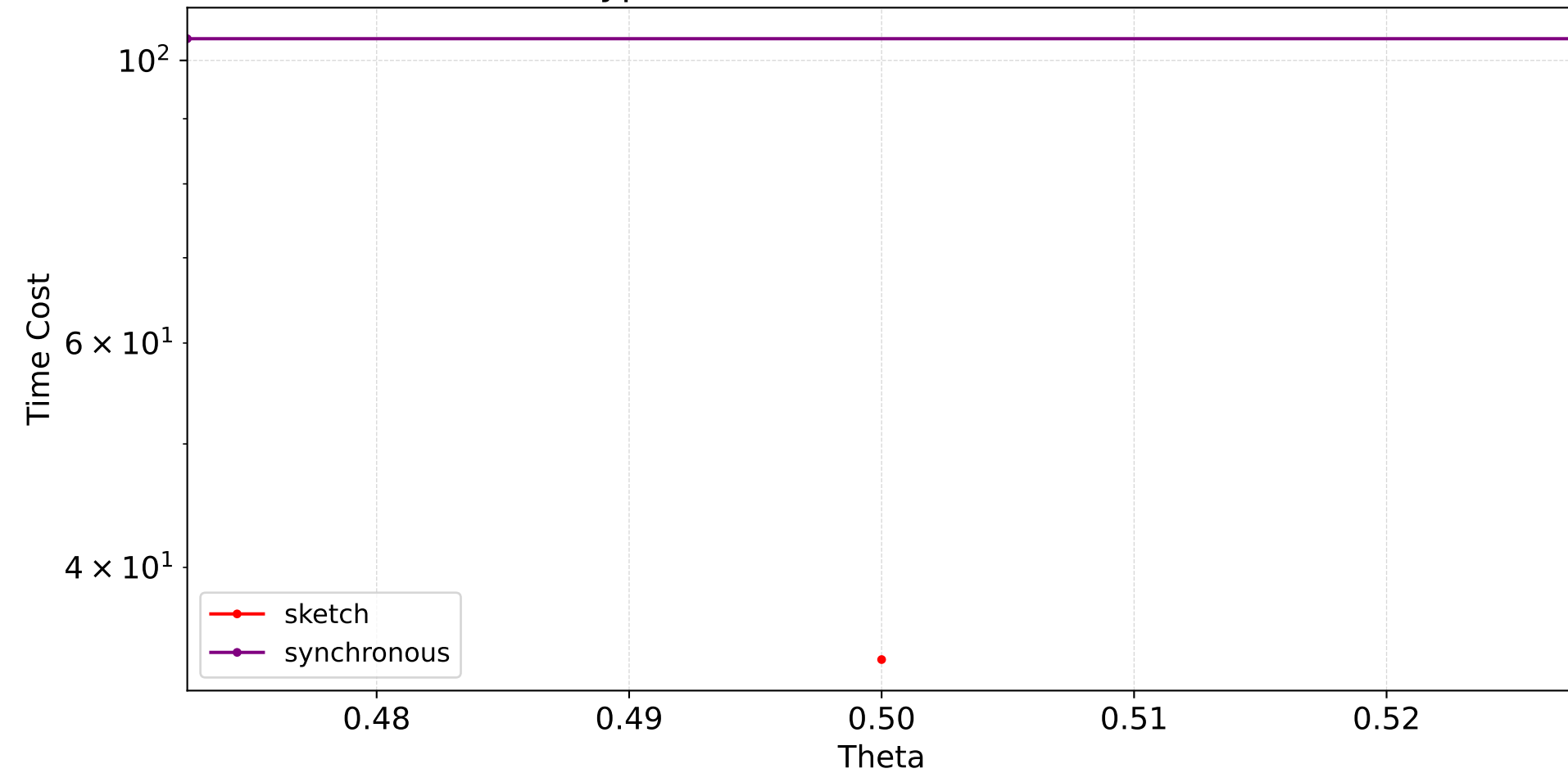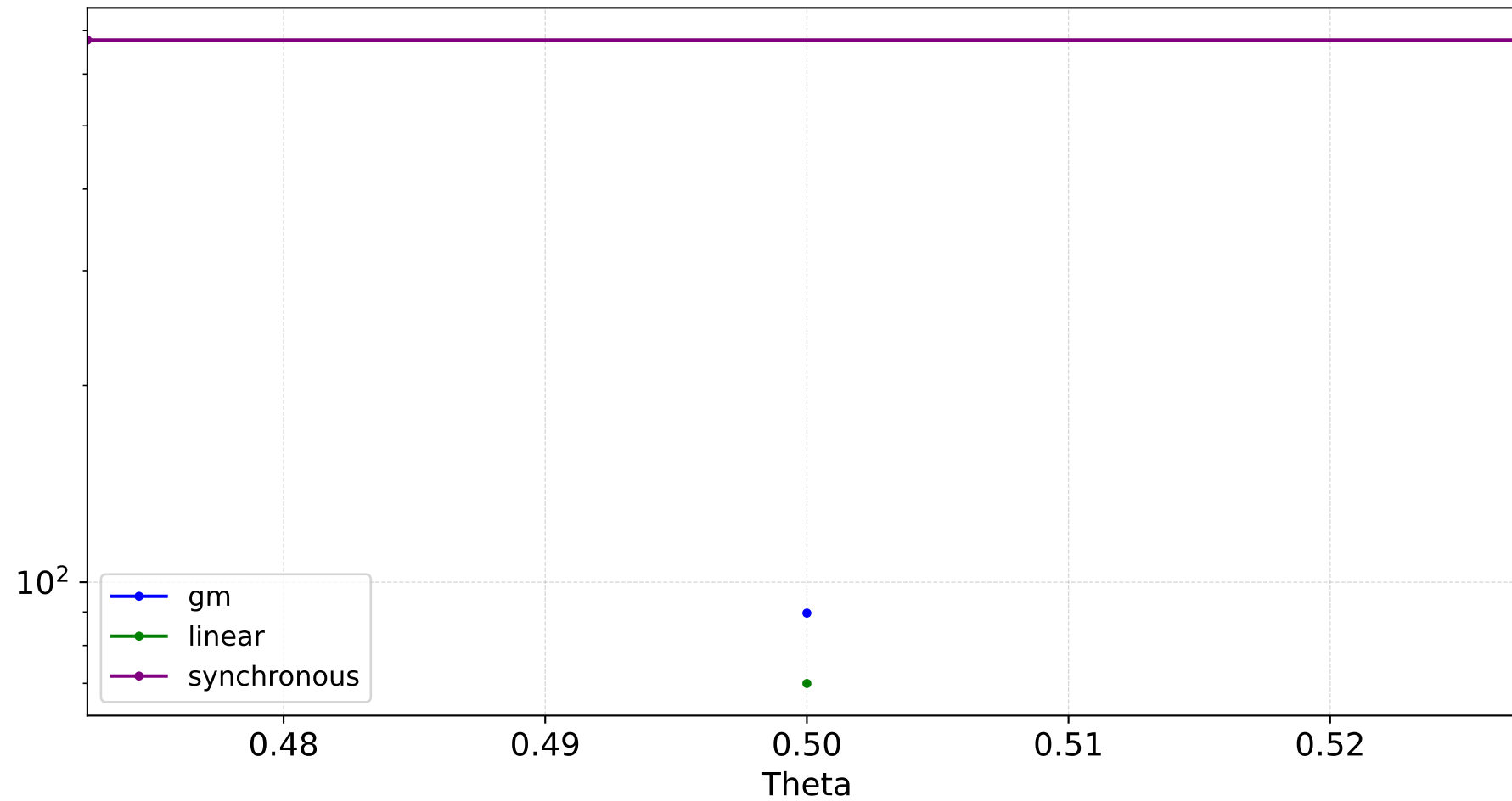
Common Channel Communication Model

Time Cost

- gm
- linear
- synchronous

Theta

Hypercube Communication Model

Time Cost

- gm
- linear
- synchronous

Theta

Batch Size : 32 , Num Clients : 5 , Bias: nan

Batch Size : 32 , Num Clients : 10 , Bias: nan

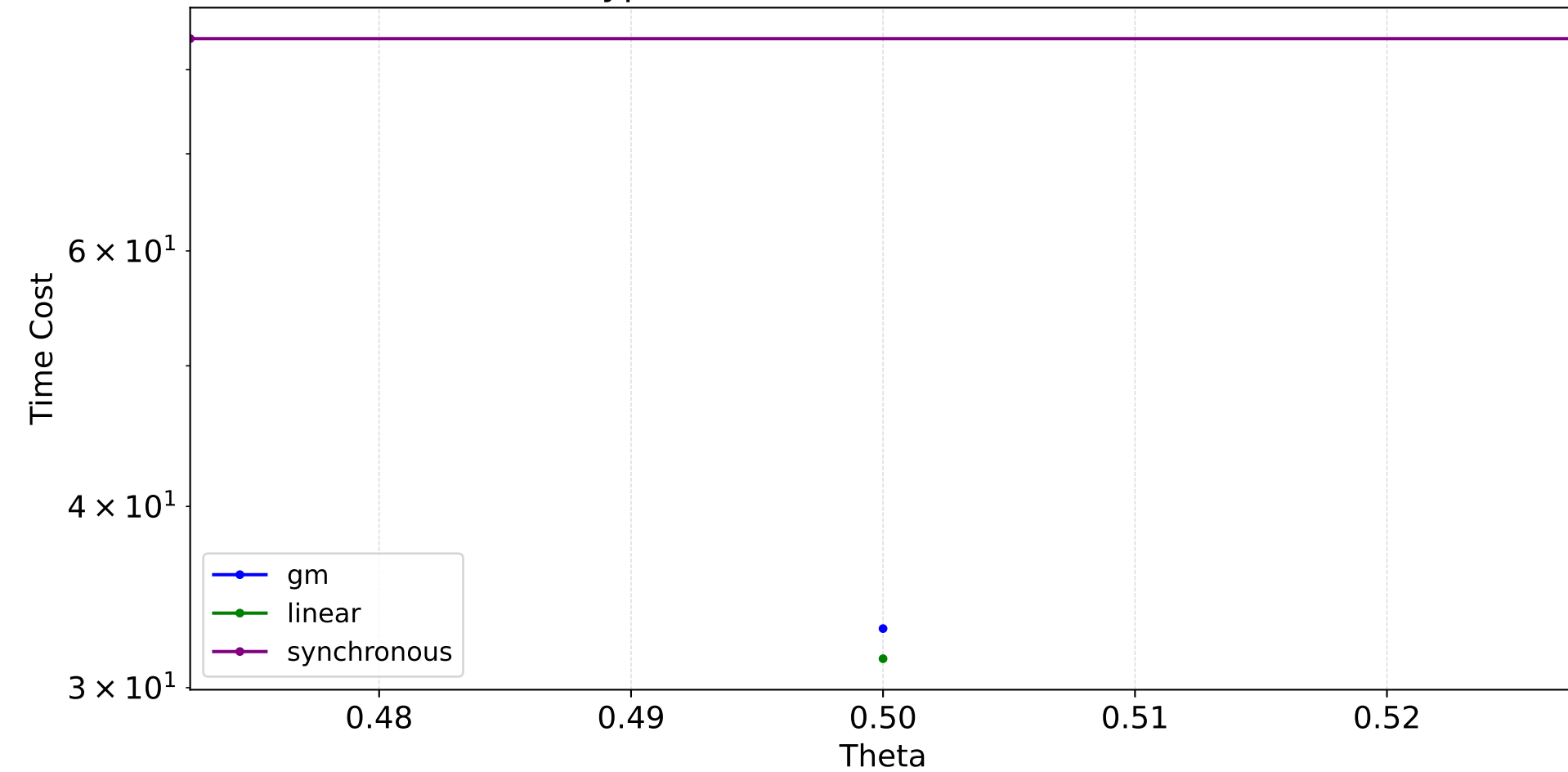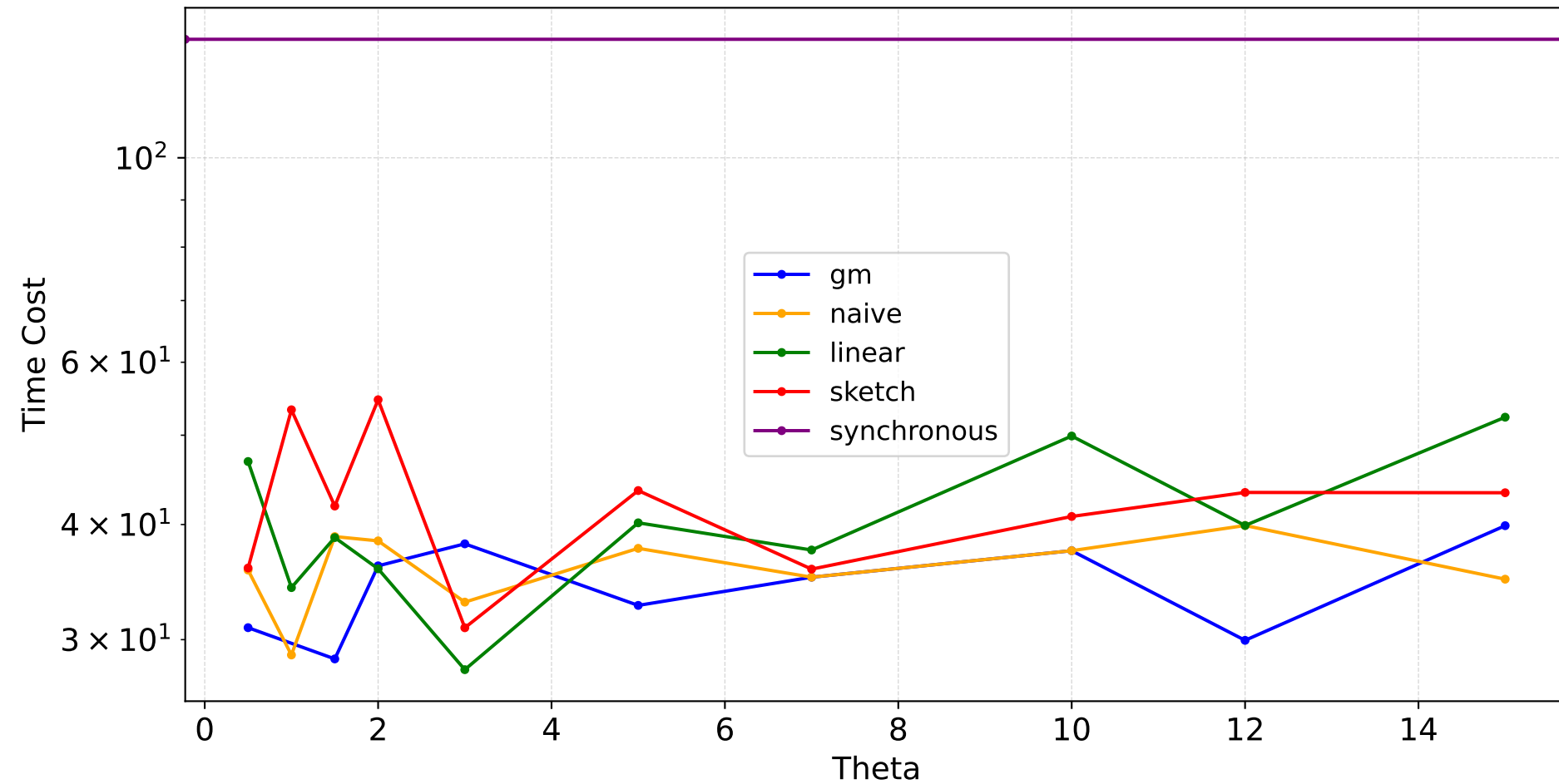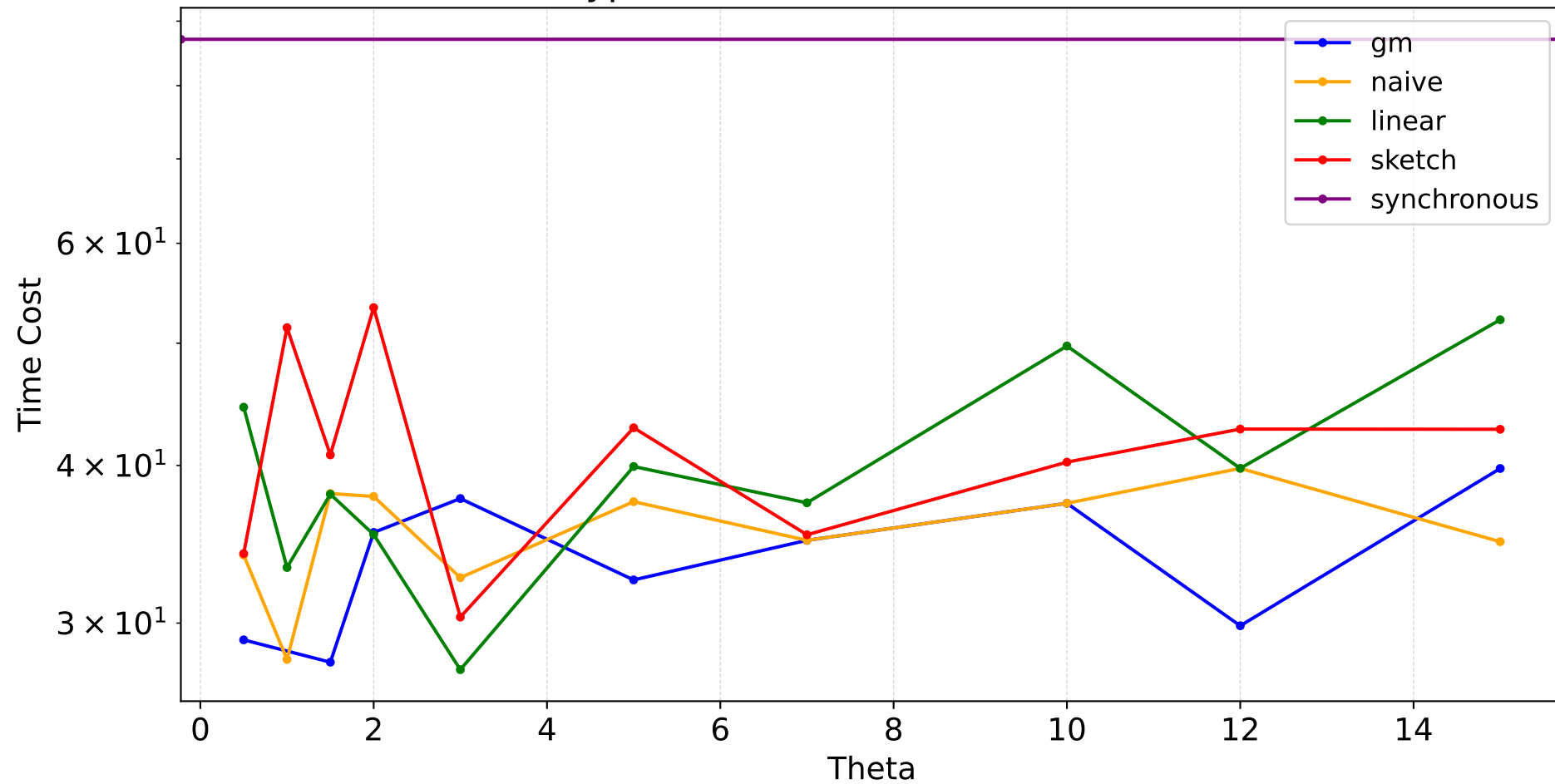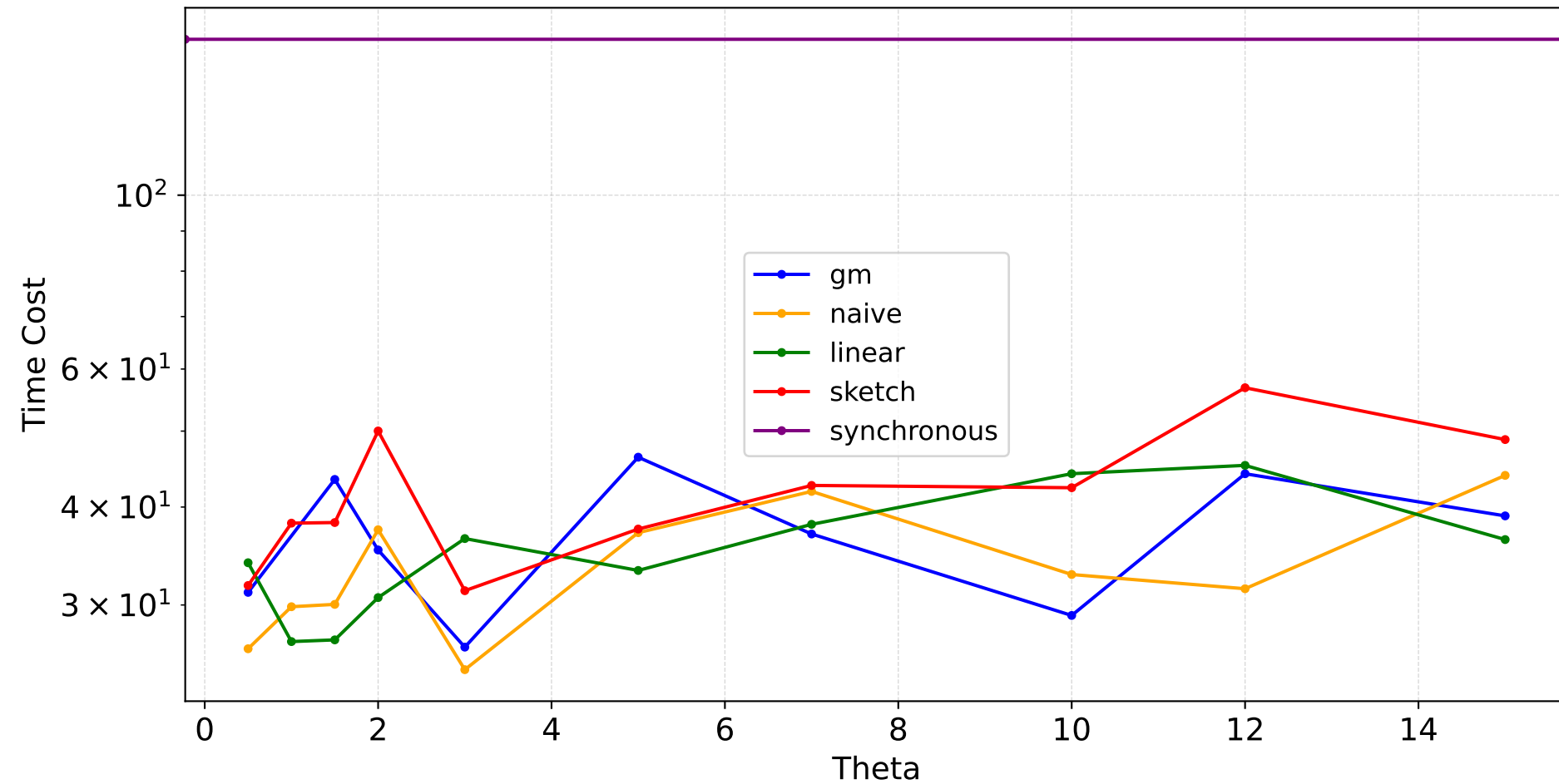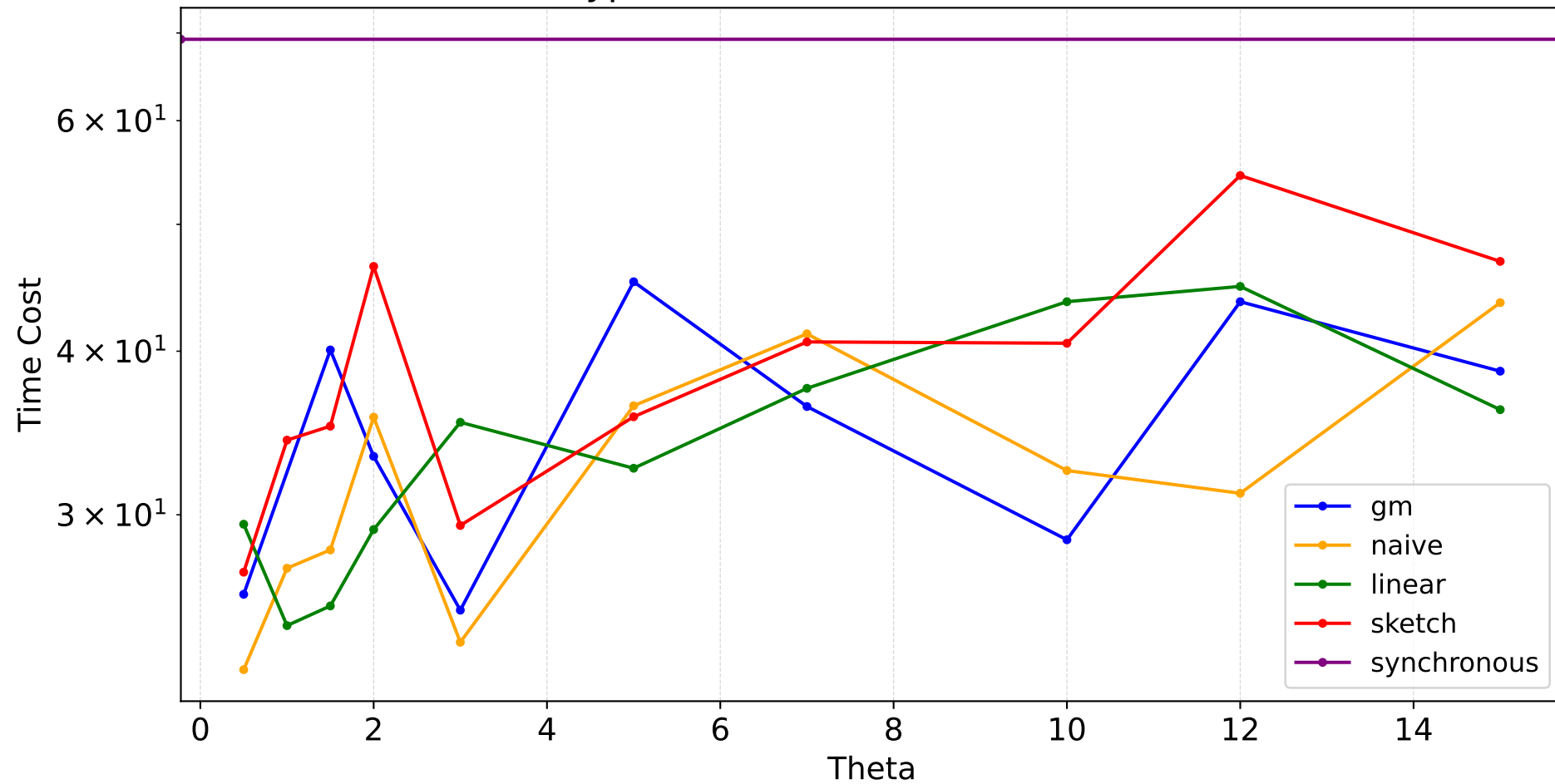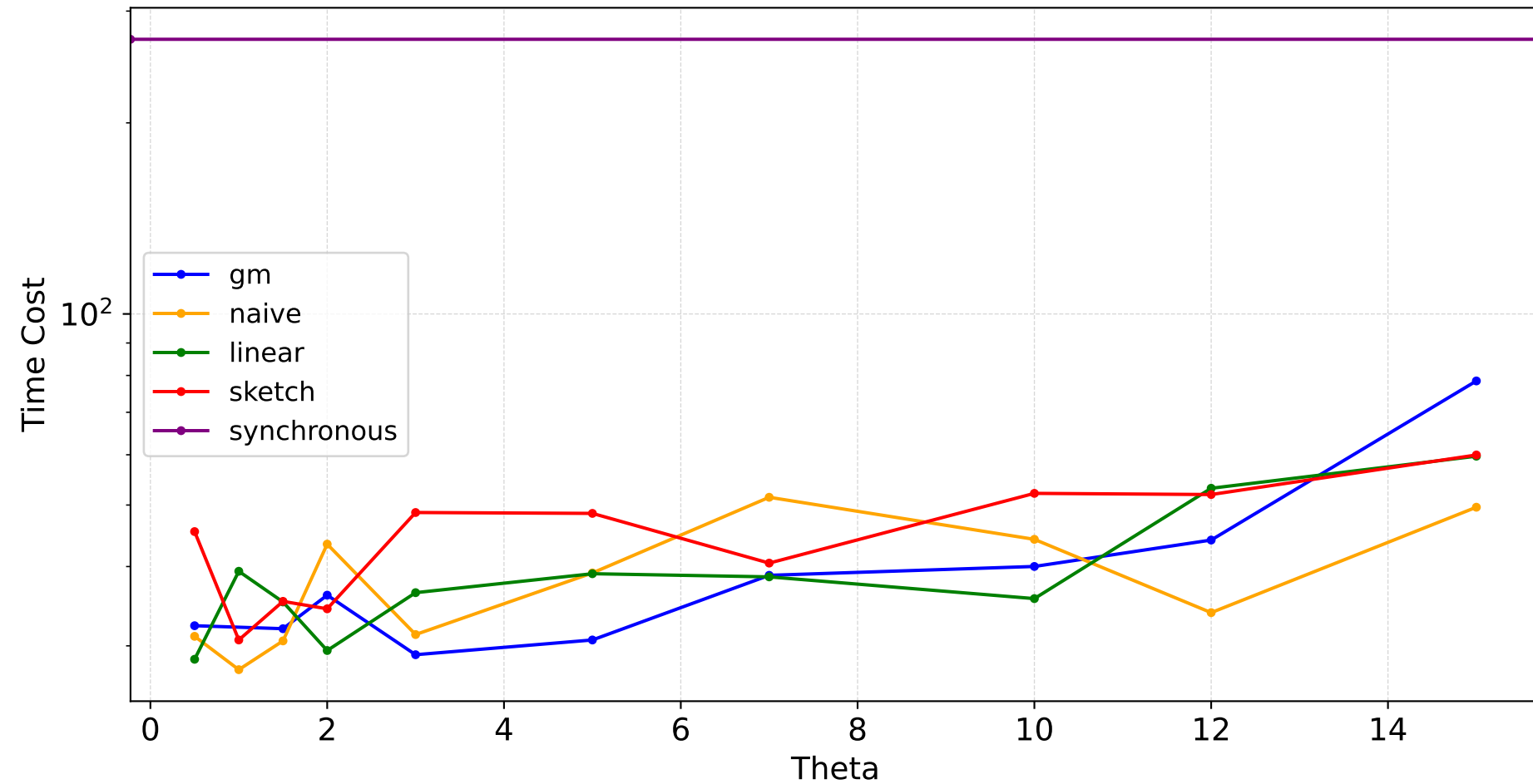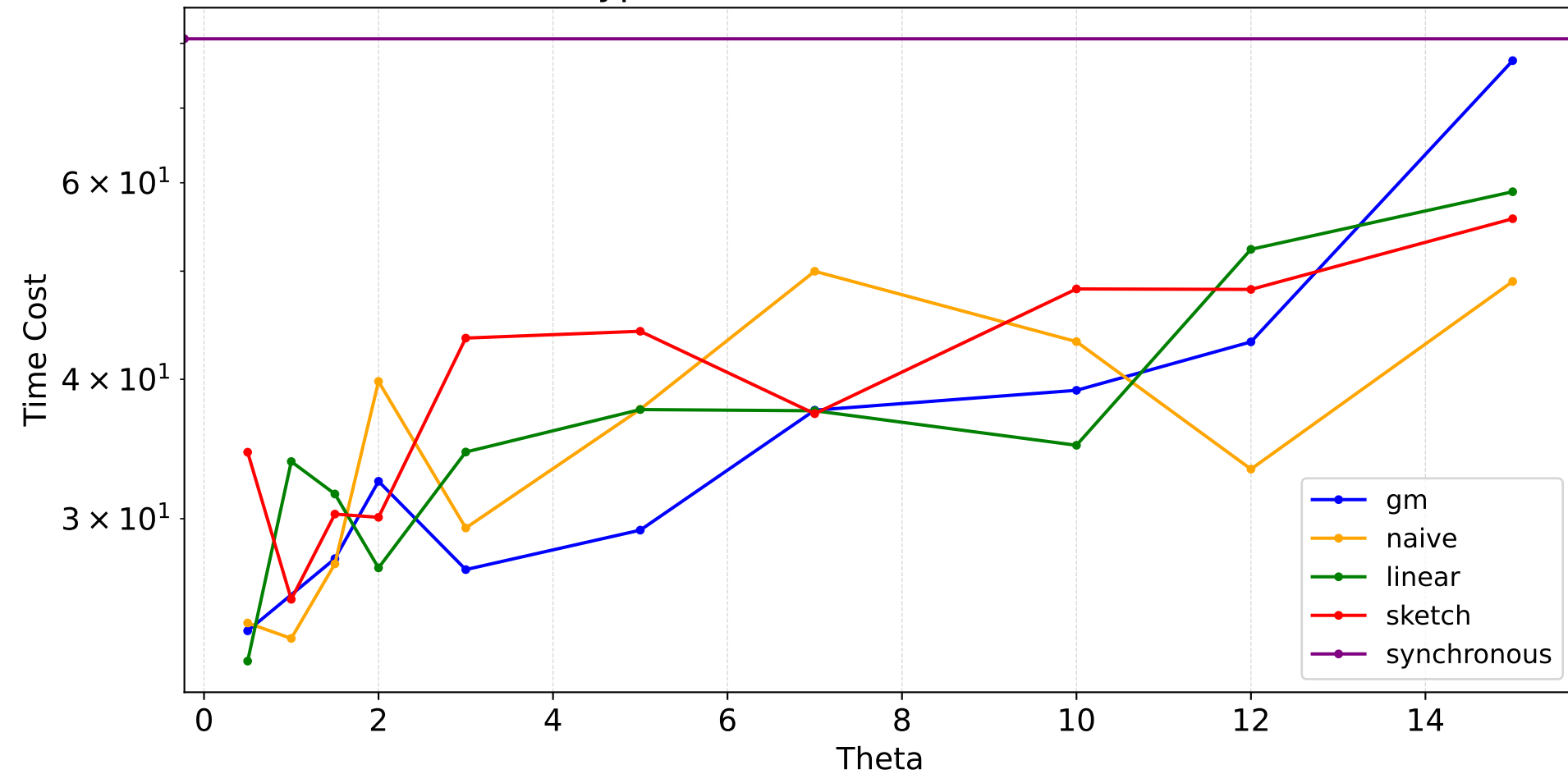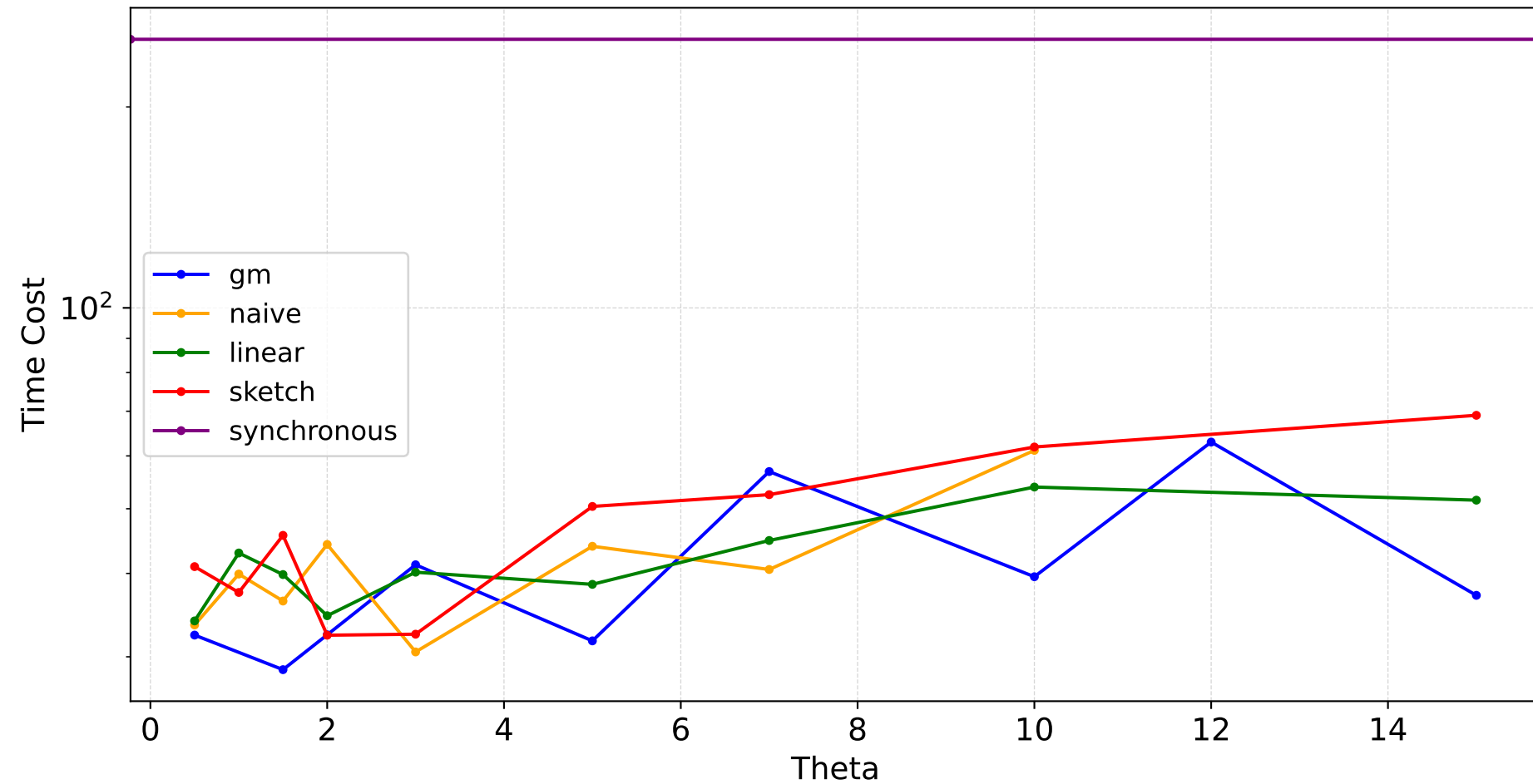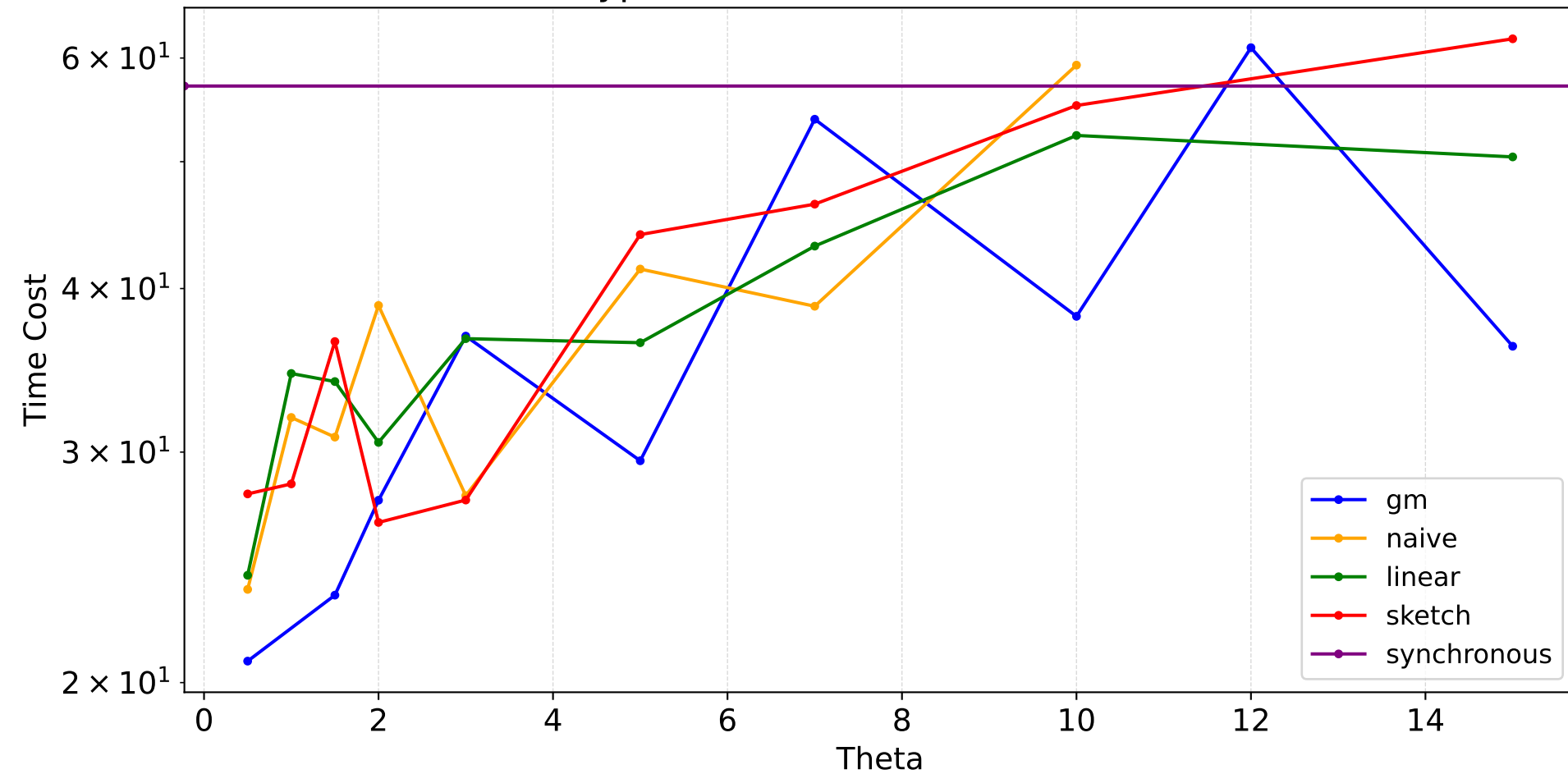Batch Size : 32 , Num Clients : 15 , Bias: nan
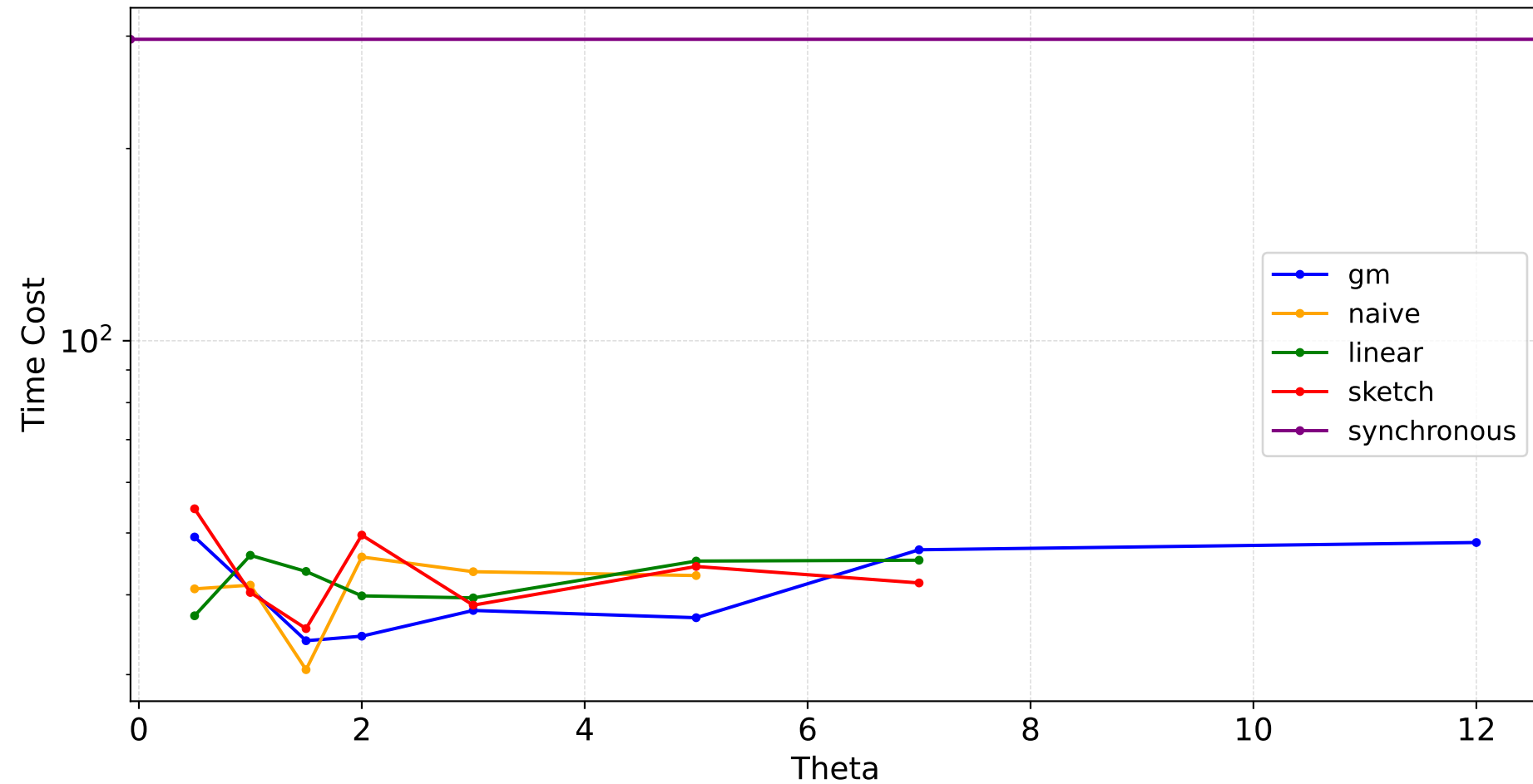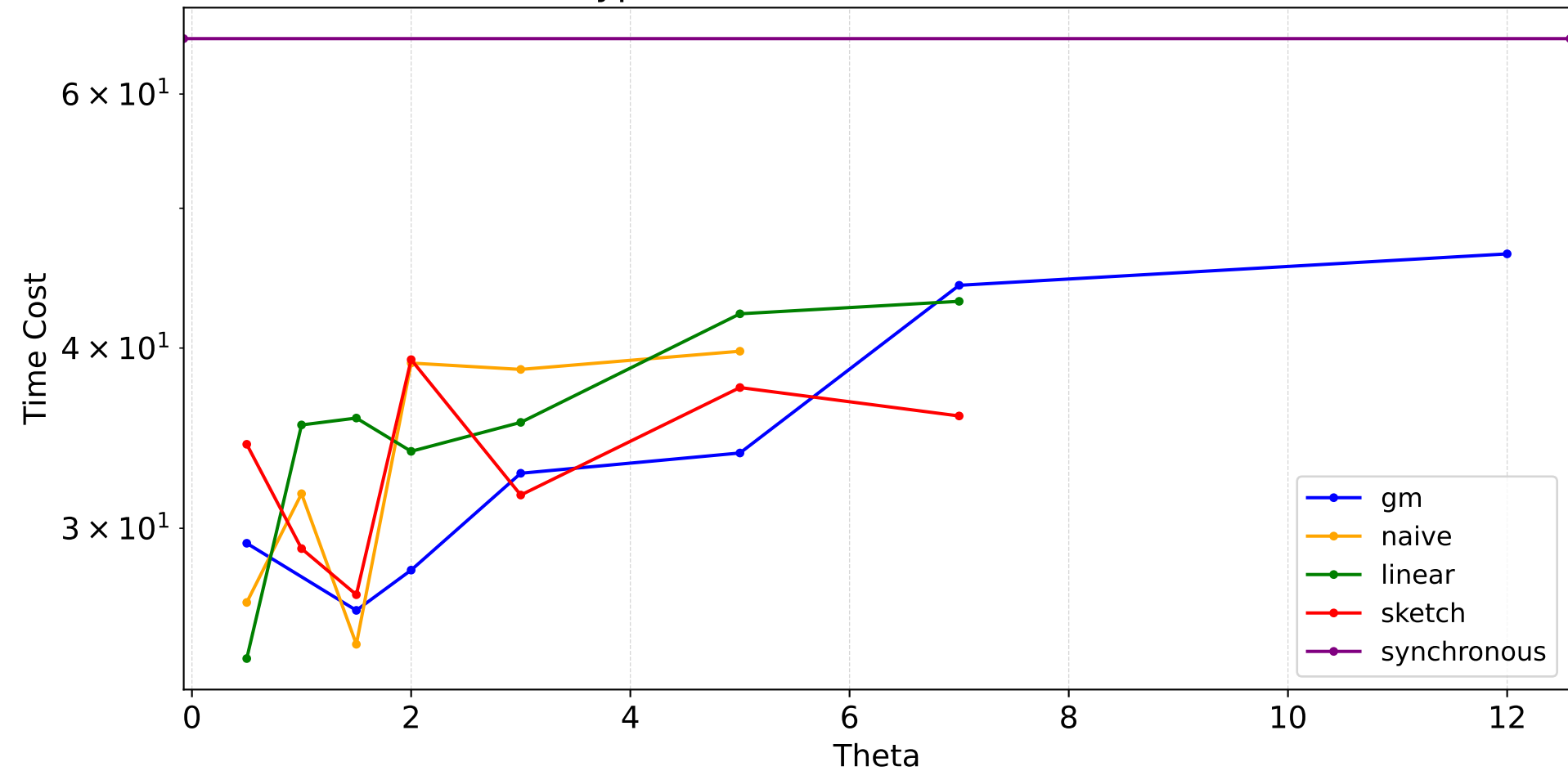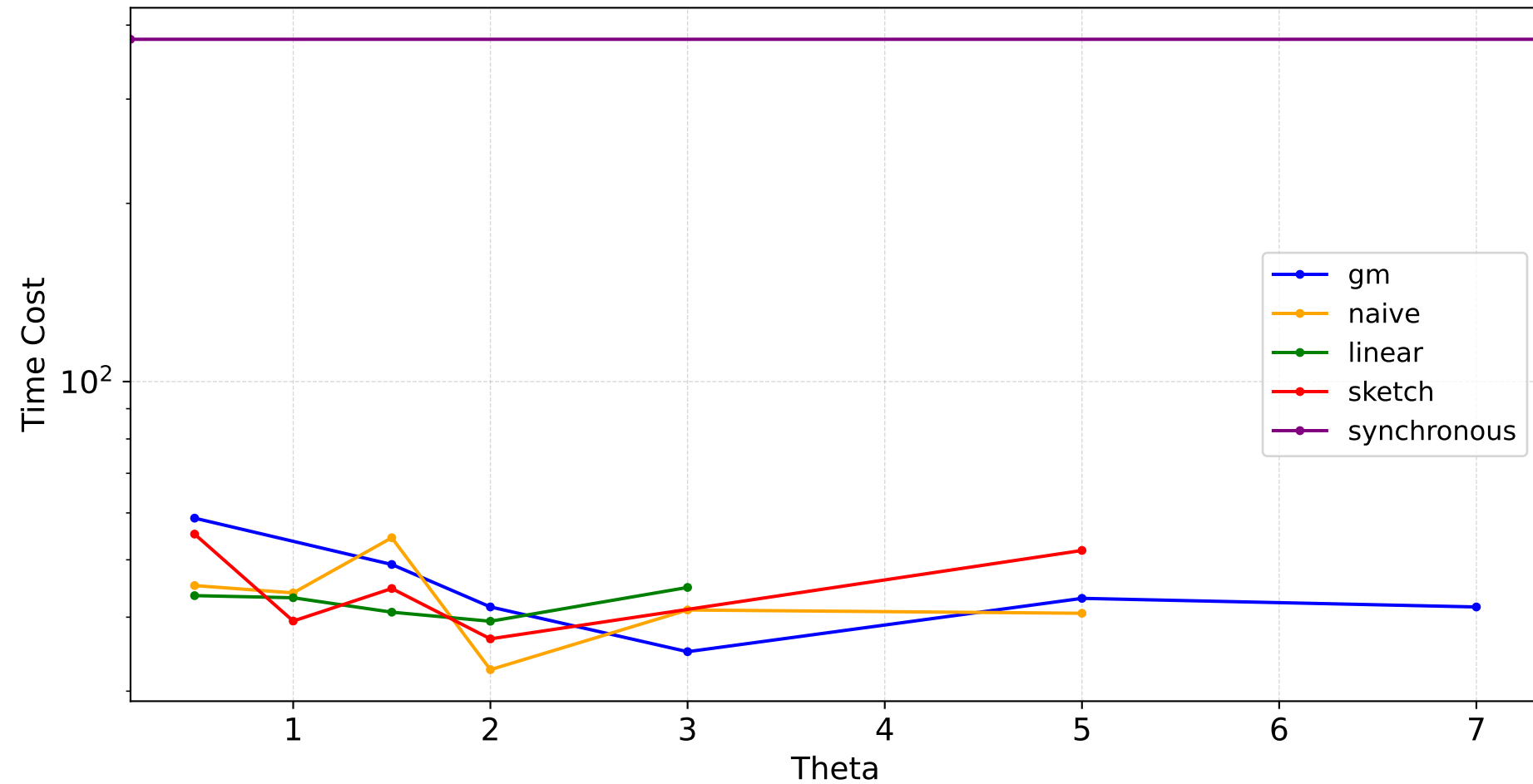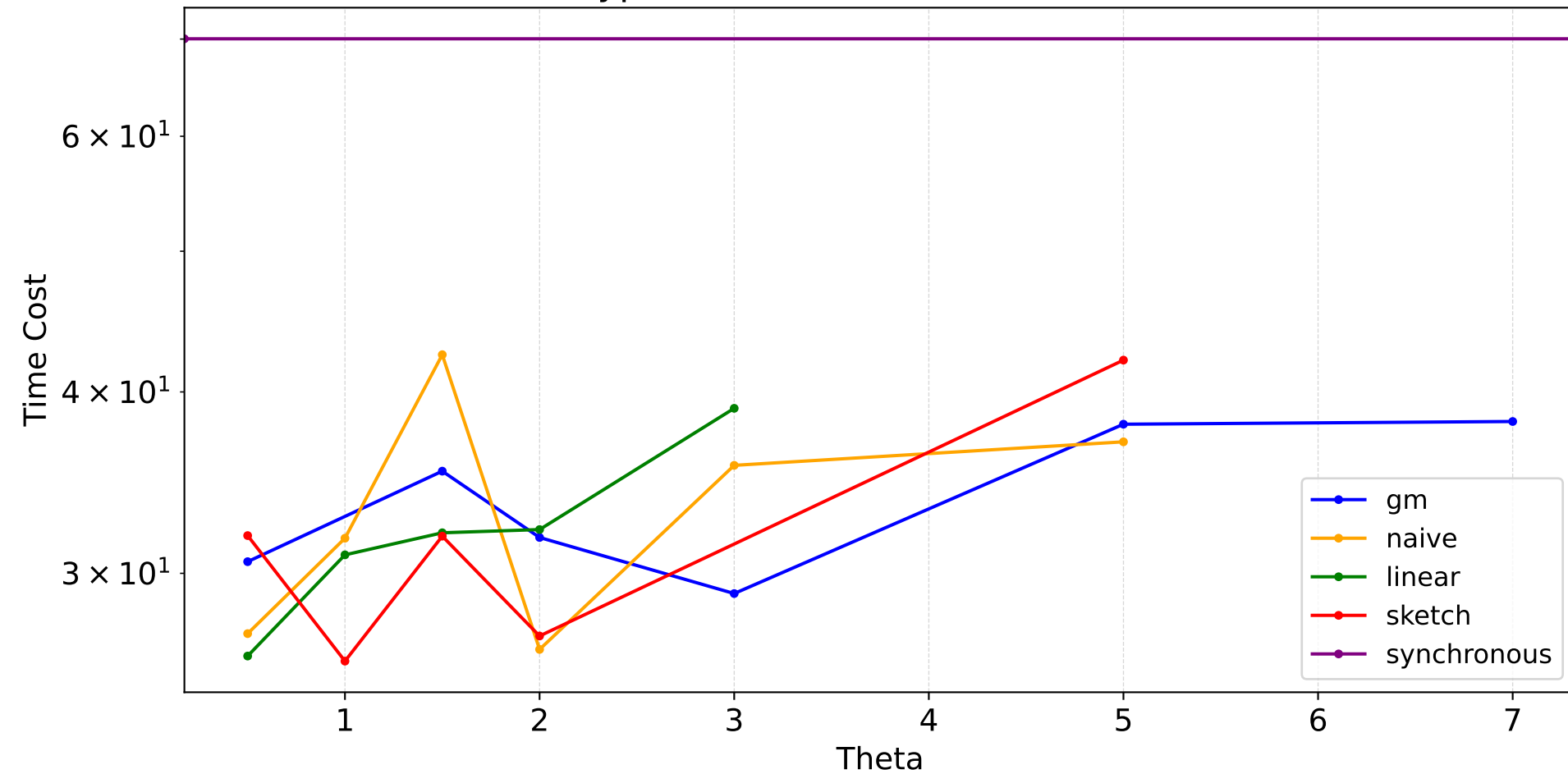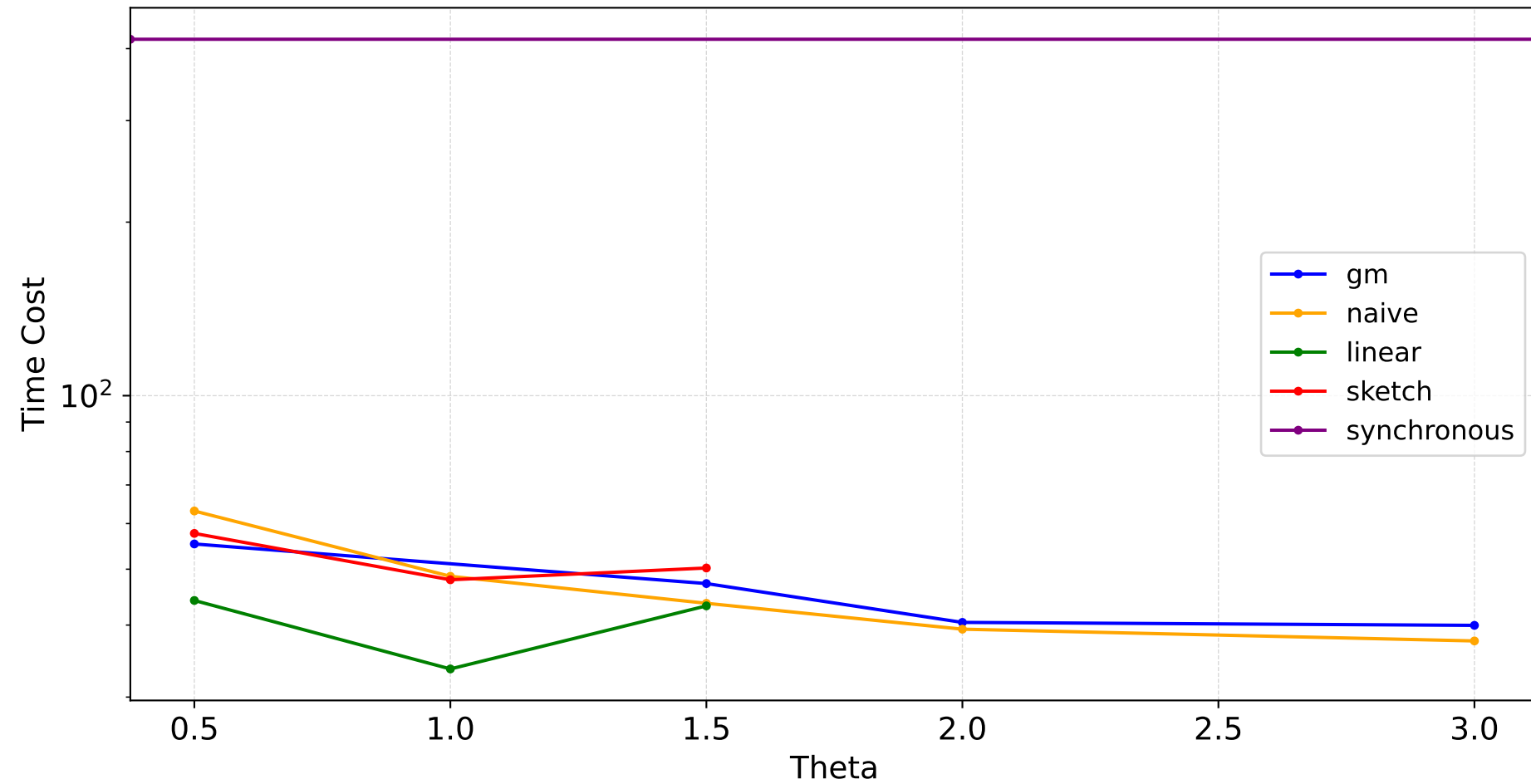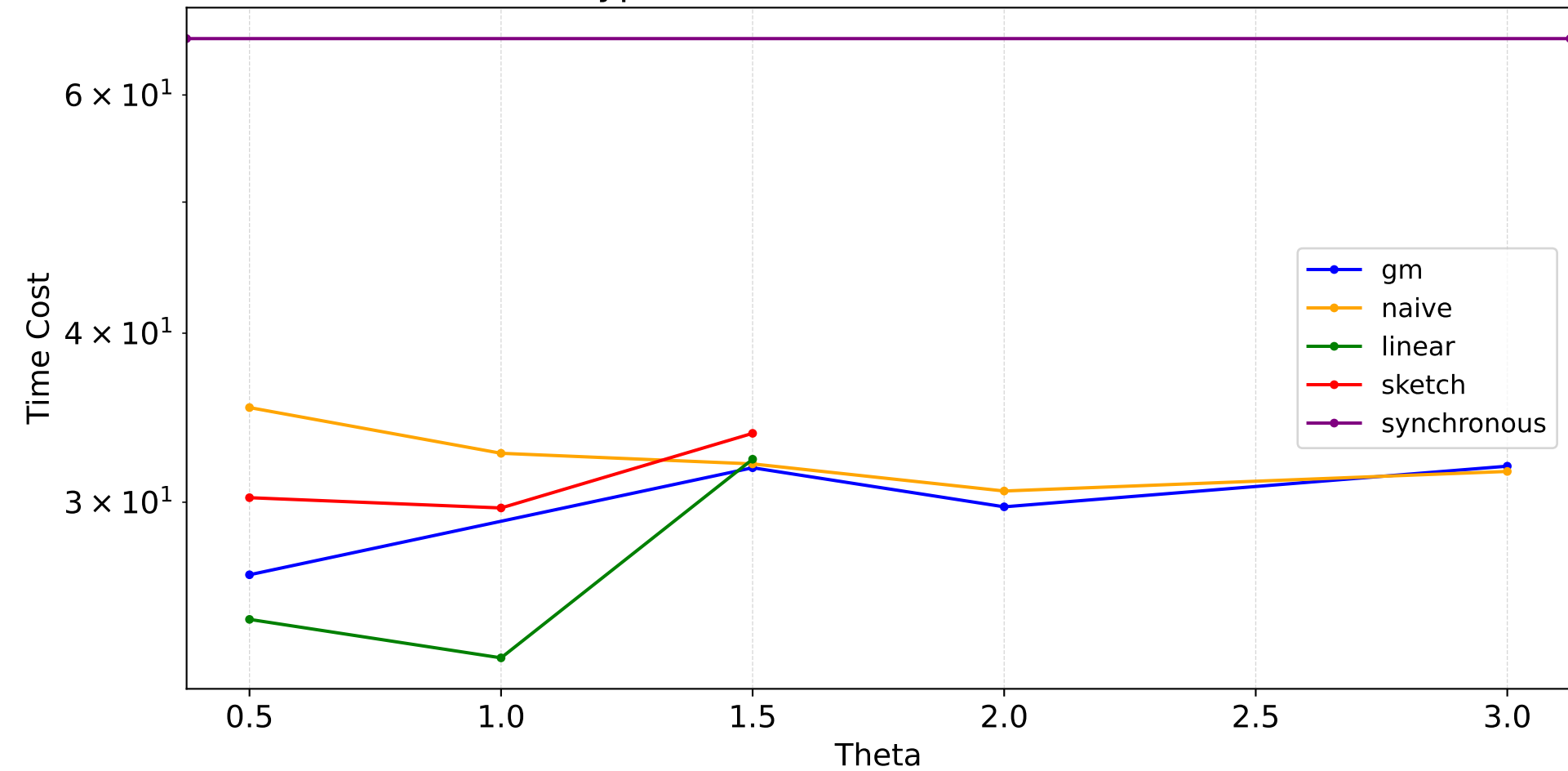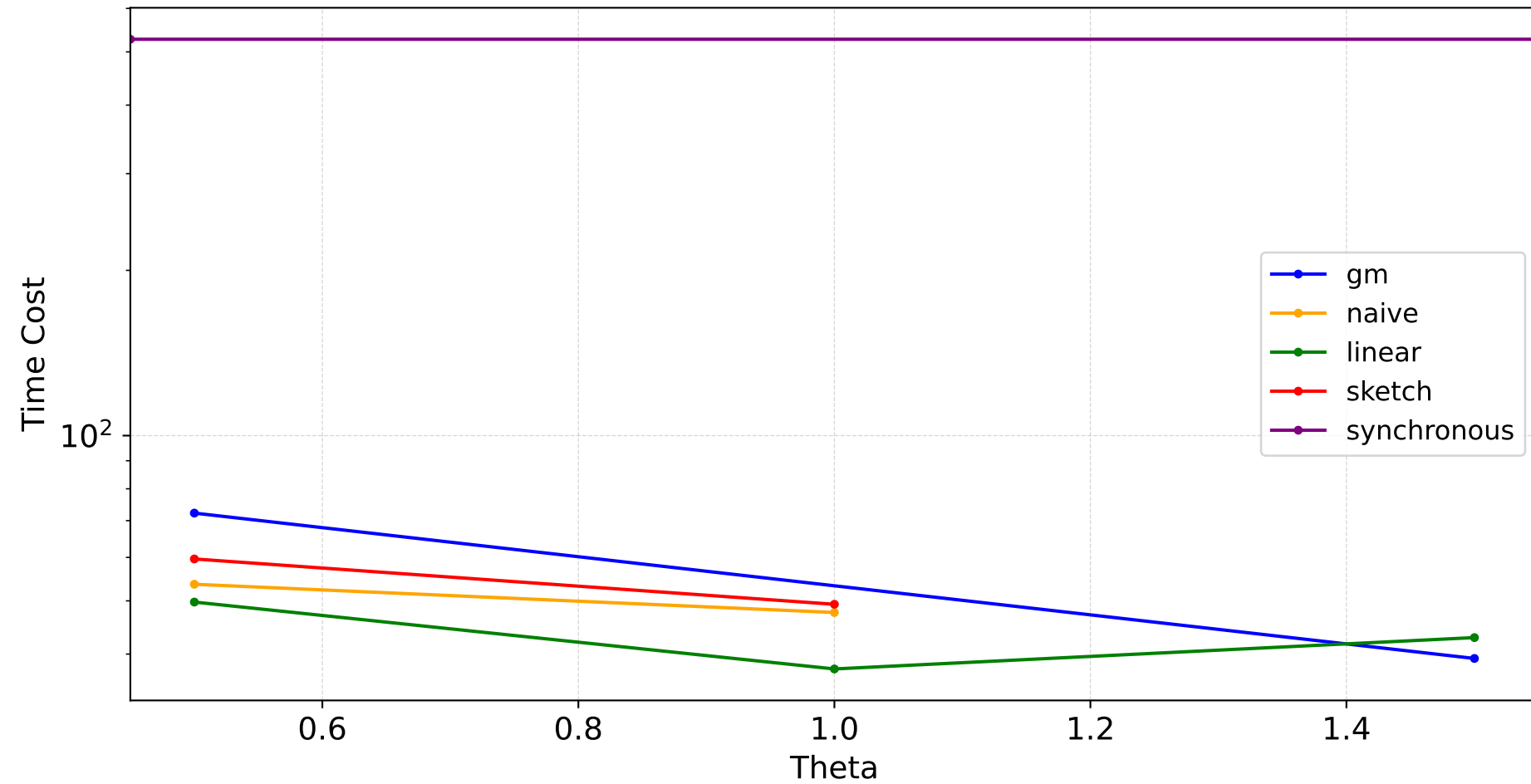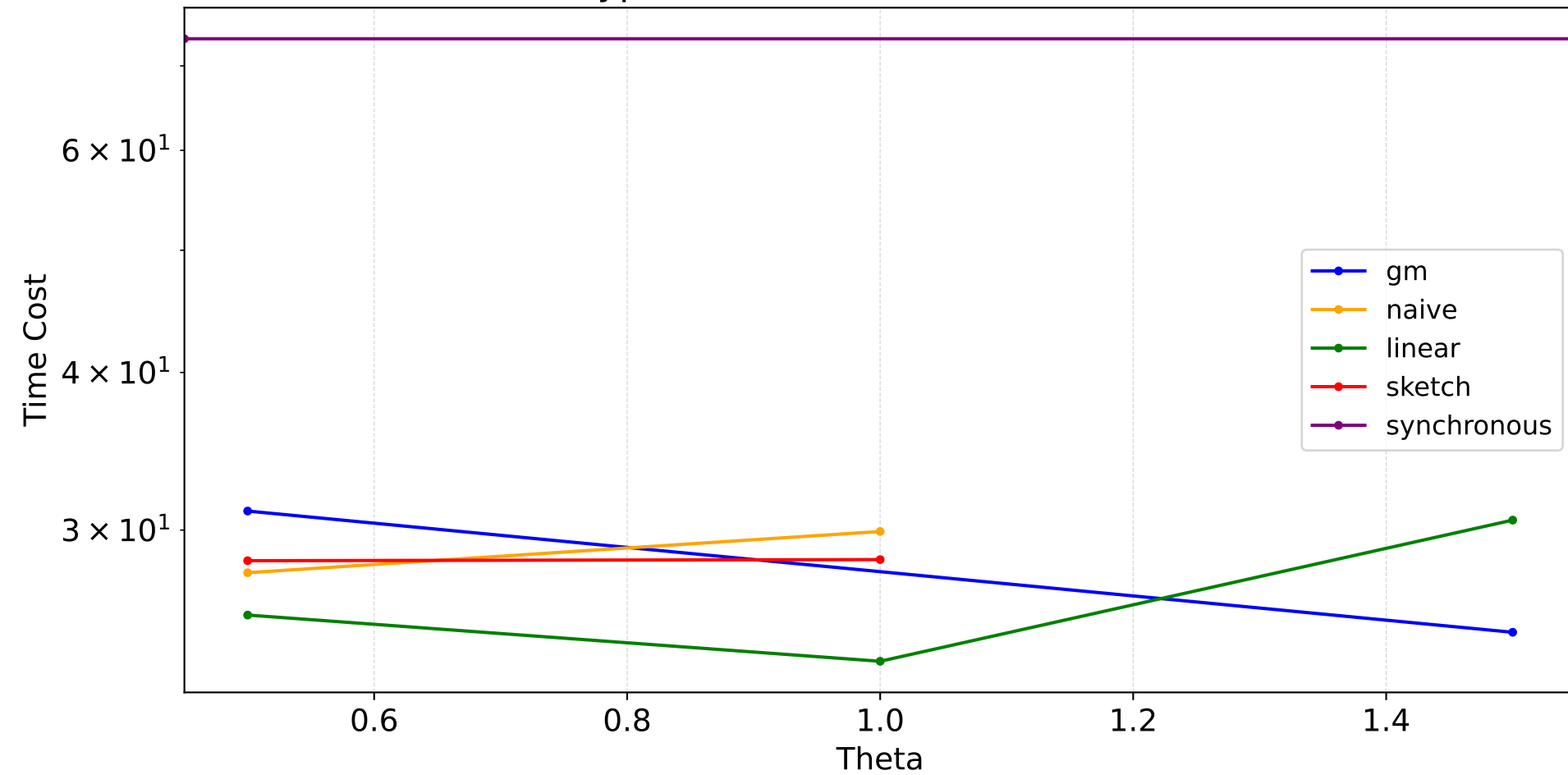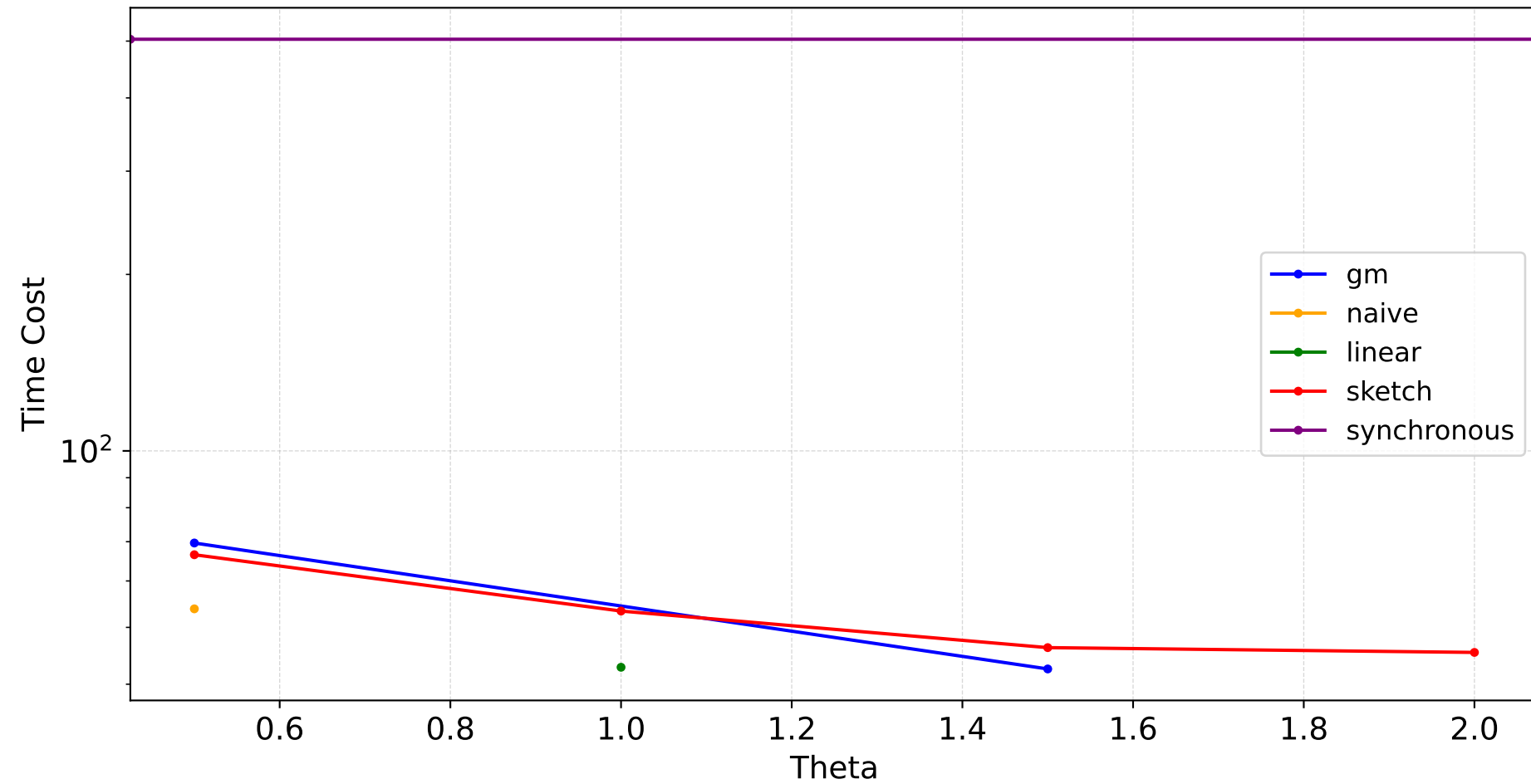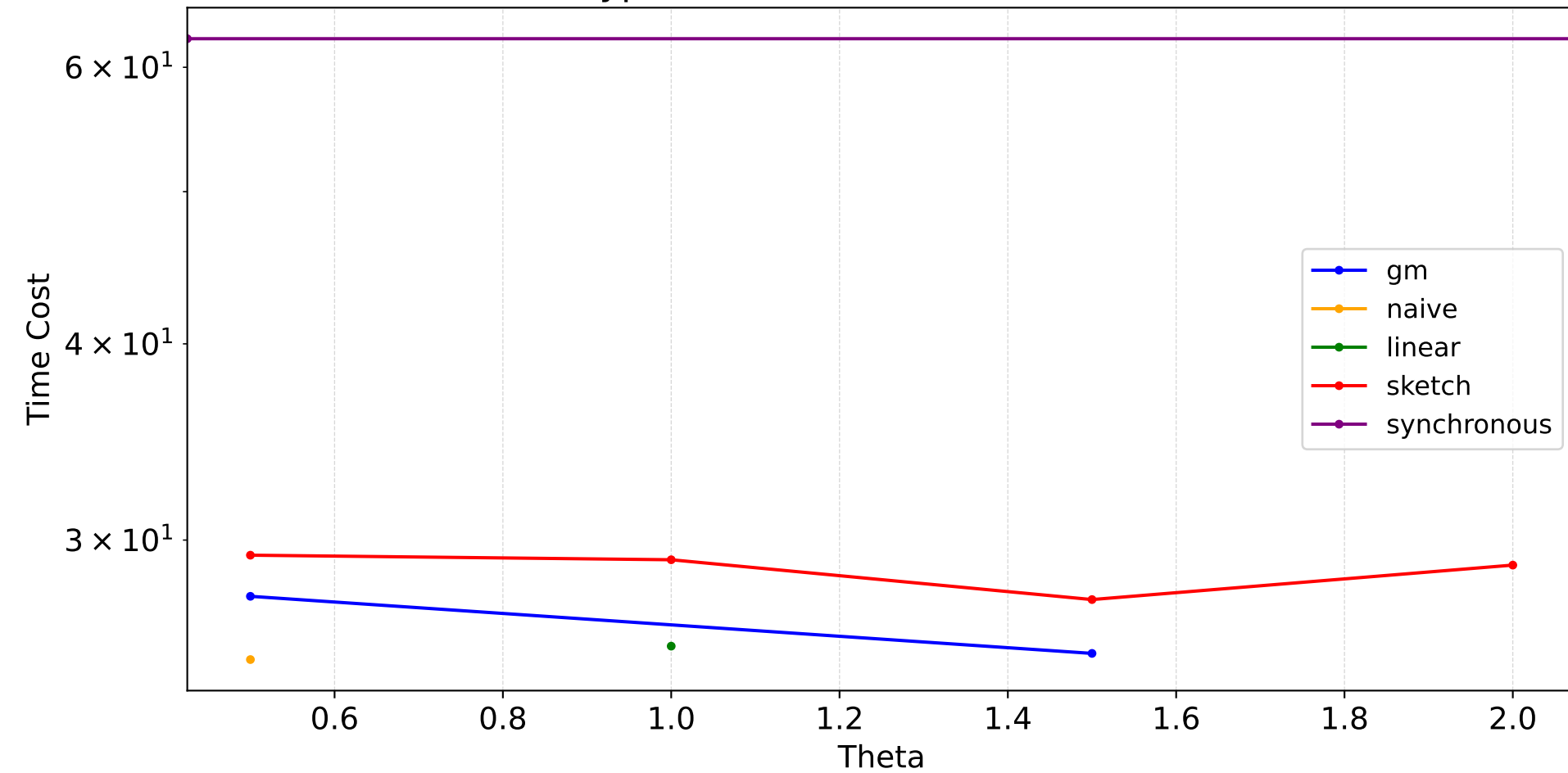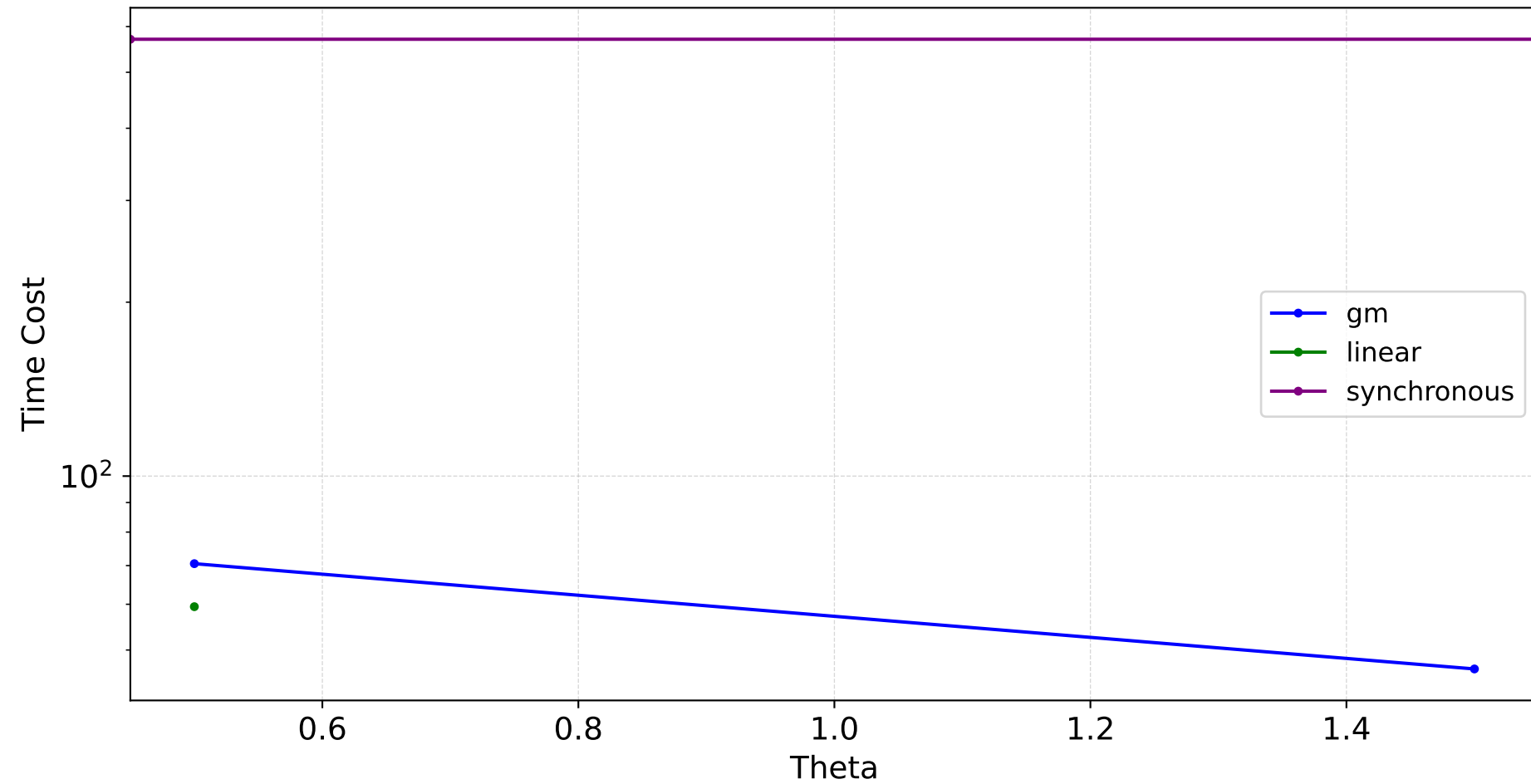
Batch Size : 32 , Num Clients : 20 , Bias: nan

Common Channel Communication Model

Hypercube Communication Model

Batch Size : 32 , Num Clients : 25 , Bias: nan

Batch Size : 32 , Num Clients : 30 , Bias: nan

Batch Size : 32 , Num Clients : 35 , Bias: nan

Batch Size : 32 , Num Clients : 40 , Bias: nan

Batch Size : 32 , Num Clients : 45 , Bias: nan

Batch Size : 32 , Num Clients : 50 , Bias: nan

Common Channel Communication Model

Time Cost

Theta

- gm
- linear
- synchronous

Hypercube Communication Model

Time Cost

Theta

- gm
- linear
- synchronous