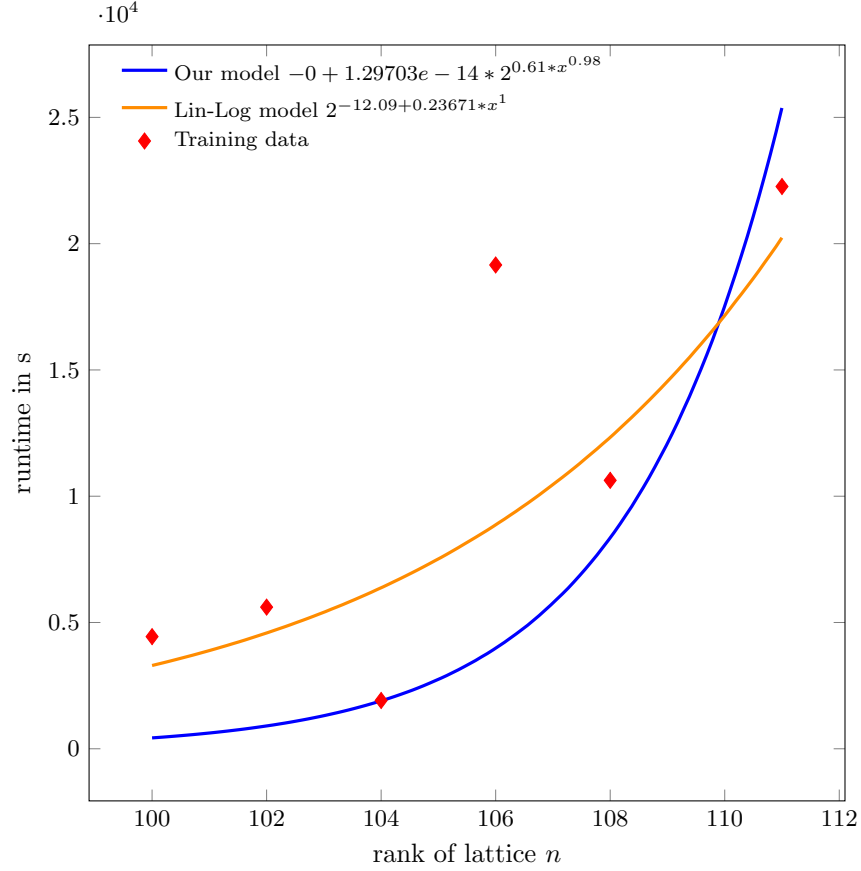


# 1 Evaluation

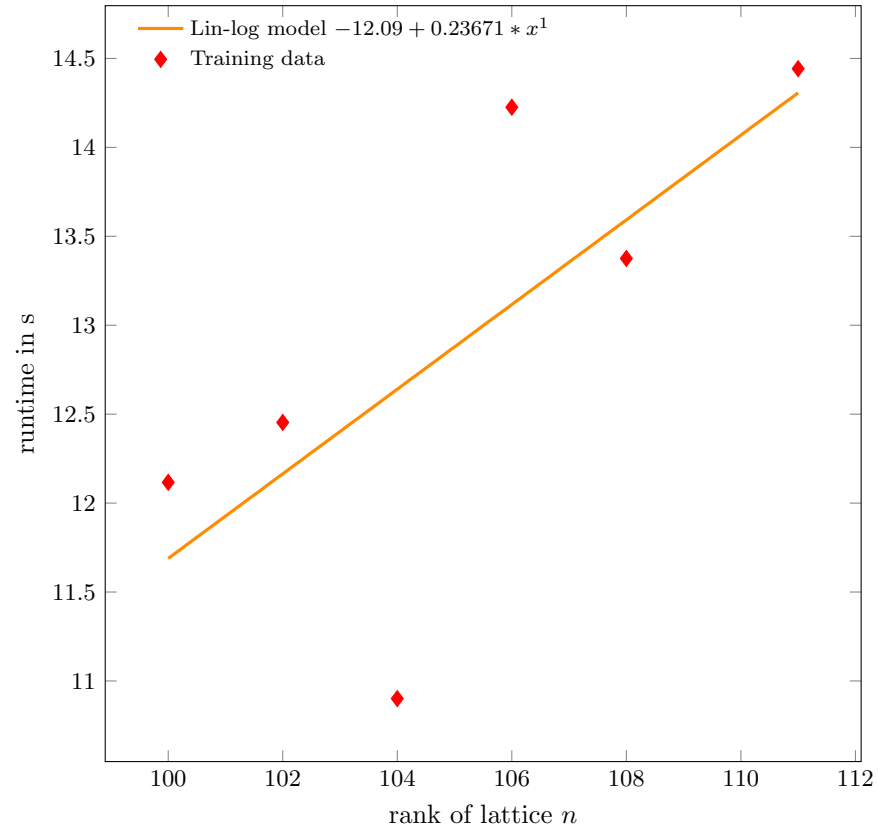
$$f_{model}(x) = -0 + 1.29703e - 14 * 2^{0.61*x^{0.98}} \quad (1)$$

- Thread 2 found solution in 16226513 steps requiring 0 seconds.
- Cost ( raRSD ):0.481299
- Metrics of our model: RSS: 283308717.155640 / anRSS: 0.262960 / arNRS: 0.481299
- Metrics of lin-log model : RSS: 134766434.599523 / anRSS: 0.181363 / arNRS: 0.594551

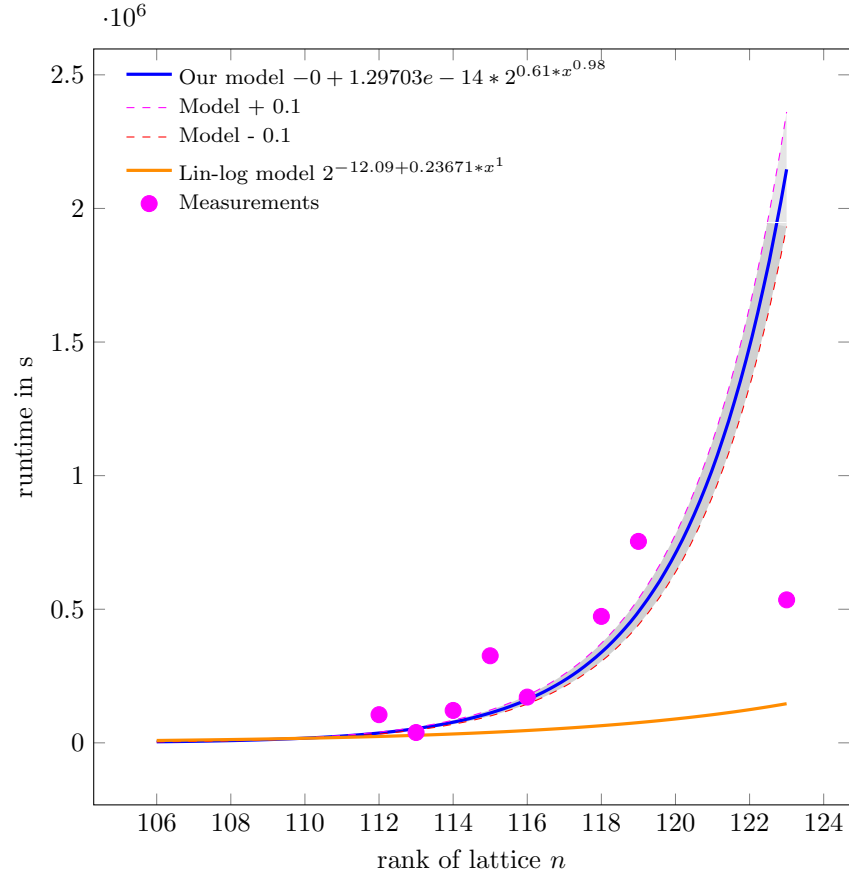


## 2 Log-Function Evaluation

$$f_{log-model}(x) = -12.09 + 0.23671 * x^1 \quad (2)$$

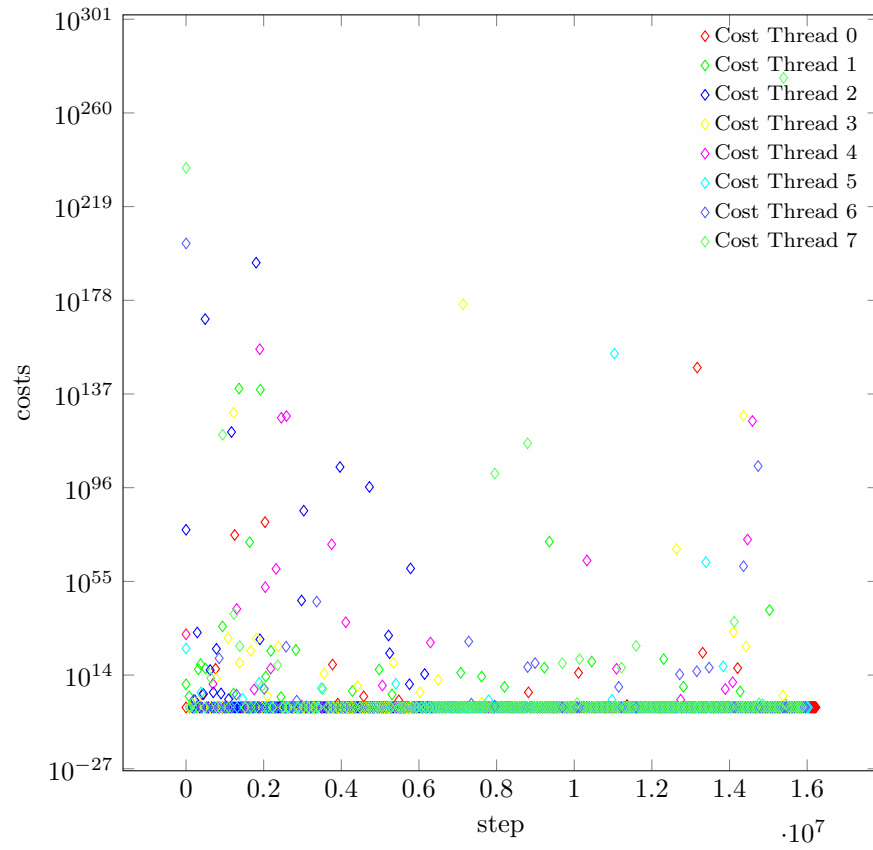


### 3 Prediction of Runtime



- Deviation of our model and reference at  $x=123$  is  $8.65513e+06\%$ .
- Deviation of our model and measures at  $x=123$  is  $304.35\%$ .
- Deviation of reference model and measures at  $x=123$  is  $99.9953\%$ .

## 4 Development of Costs

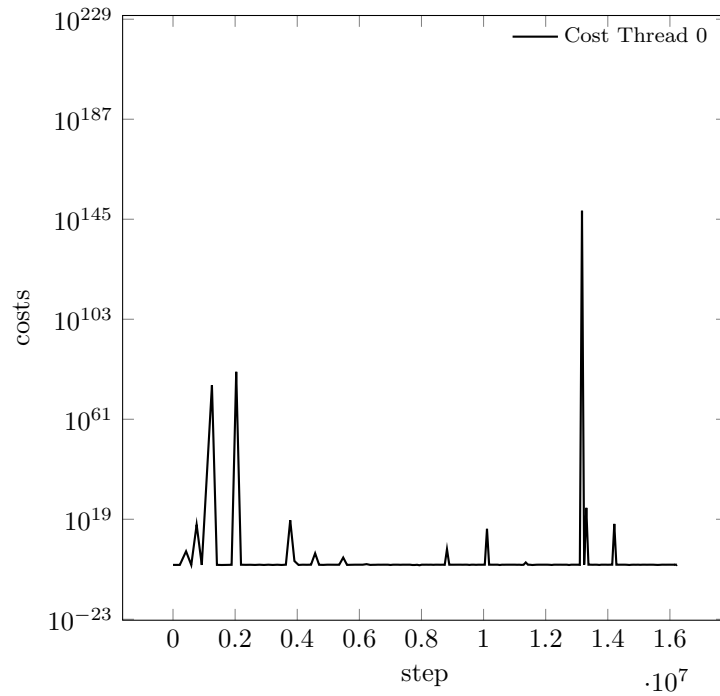


## 5 Details of Costs

### 5.1 Thread 0

- Cost ( raRSD ):0.481299
- Thread 0 found solution:

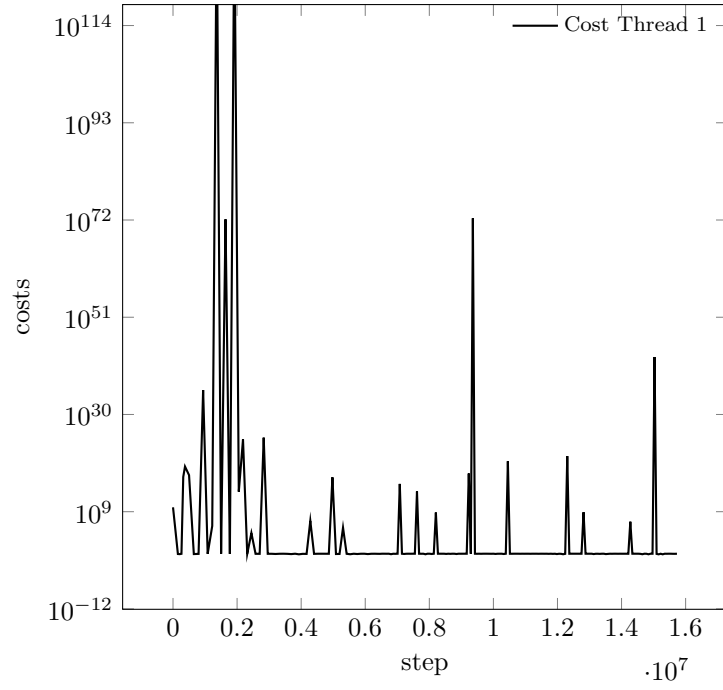
$$-0 + 1.65592e - 14 * 2^{0.59*x^{0.98}} \quad (3)$$



## 5.2 Thread 1

- Cost ( raRSD ):0.481336
- Thread 1 found solution:

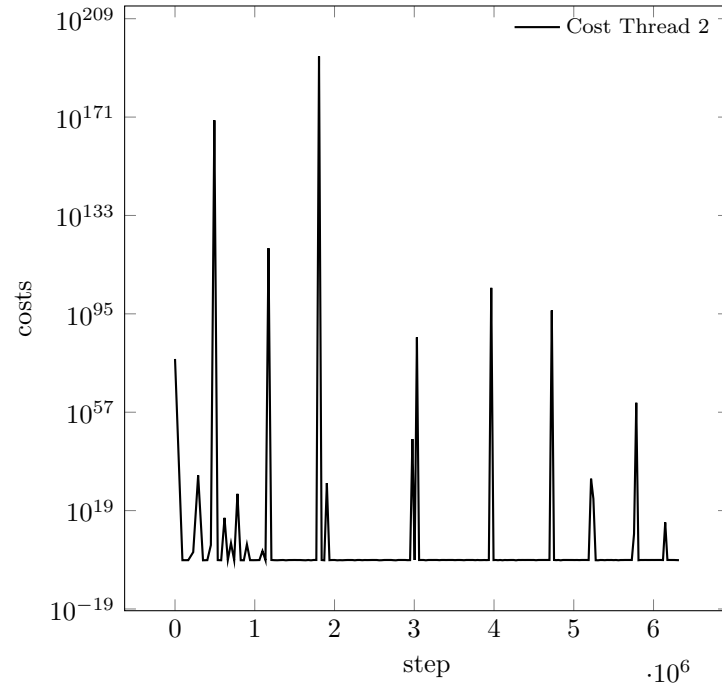
$$-0 + 1.71183e - 14 * 2^{0.59*x^{0.98}} \quad (4)$$



### 5.3 Thread 2

- Cost ( raRSD ):0.481299
- Thread 2 found solution:

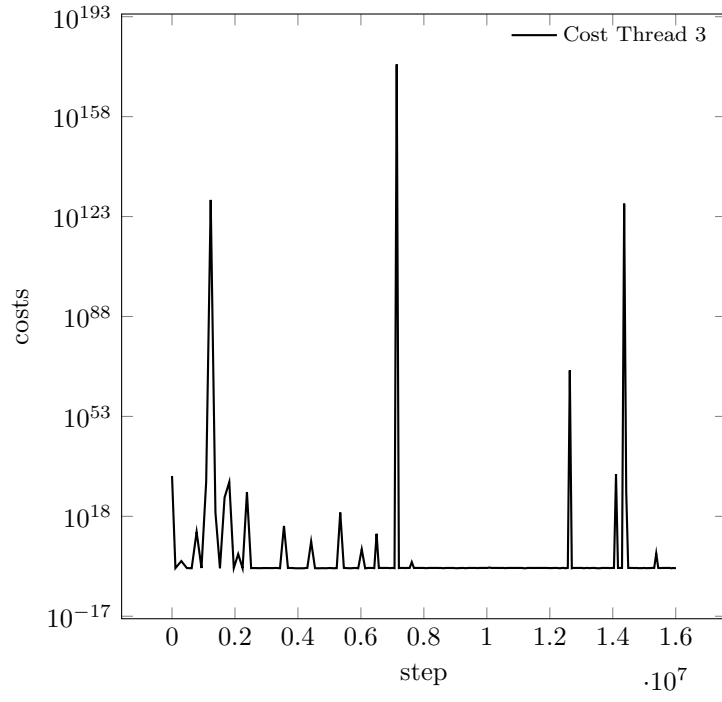
$$-0 + 1.29703e - 14 * 2^{0.61*x^{0.98}} \quad (5)$$



## 5.4 Thread 3

- Cost ( raRSD ):0.481299
- Thread 3 found solution:

$$-0 + 1.39801e - 14 * 2^{0.61*x^{0.98}} \quad (6)$$

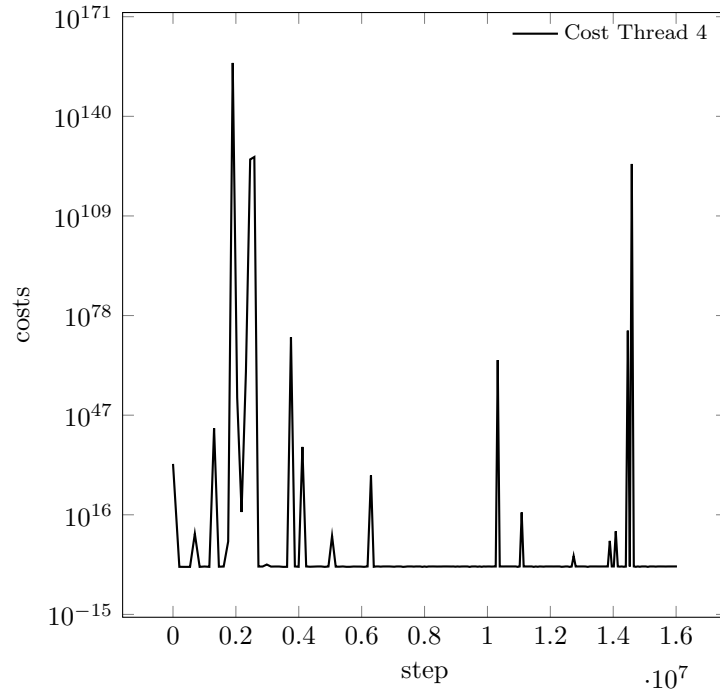




## 5.5 Thread 4

- Cost ( raRSD ):0.481405
- Thread 4 found solution:

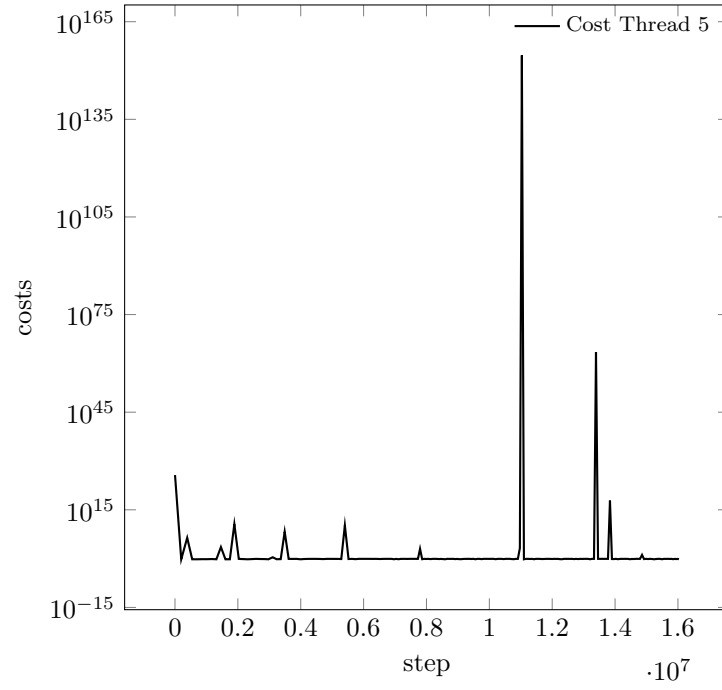
$$-0 + 2.91181e - 13 * 2^{0.39*x^{1.06}} \quad (7)$$



## 5.6 Thread 5

- Cost ( raRSD ):0.481329
- Thread 5 found solution:

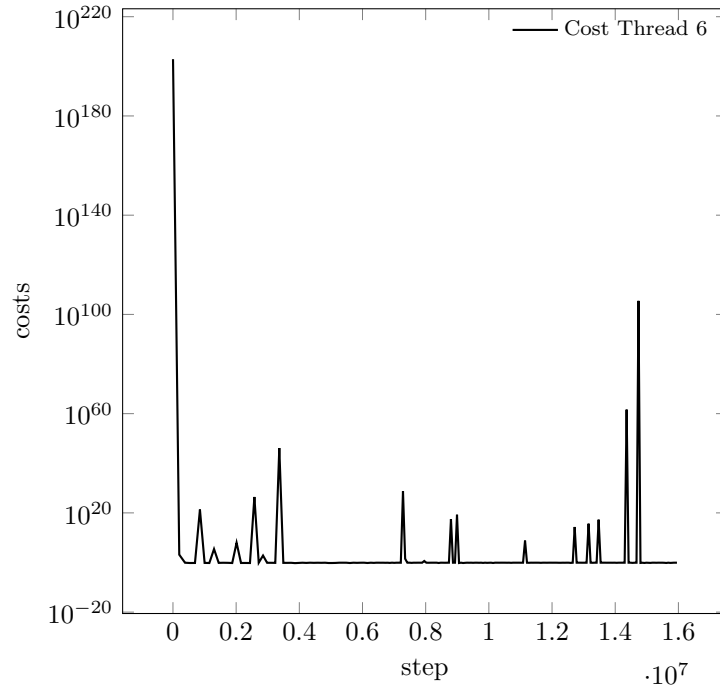
$$-0 + 5.42746e - 14 * 2^{0.5*x^{1.01}} \quad (8)$$



## 5.7 Thread 6

- Cost ( raRSD ):0.481306
- Thread 6 found solution:

$$-0 + 1.22217e - 14 * 2^{0.62*x^{0.97}} \quad (9)$$



## 5.8 Thread 7

- Cost ( raRSD ):0.481329
- Thread 7 found solution:

$$-0 + 5.87077e - 14 * 2^{0.5*x^{1.01}} \quad (10)$$

