

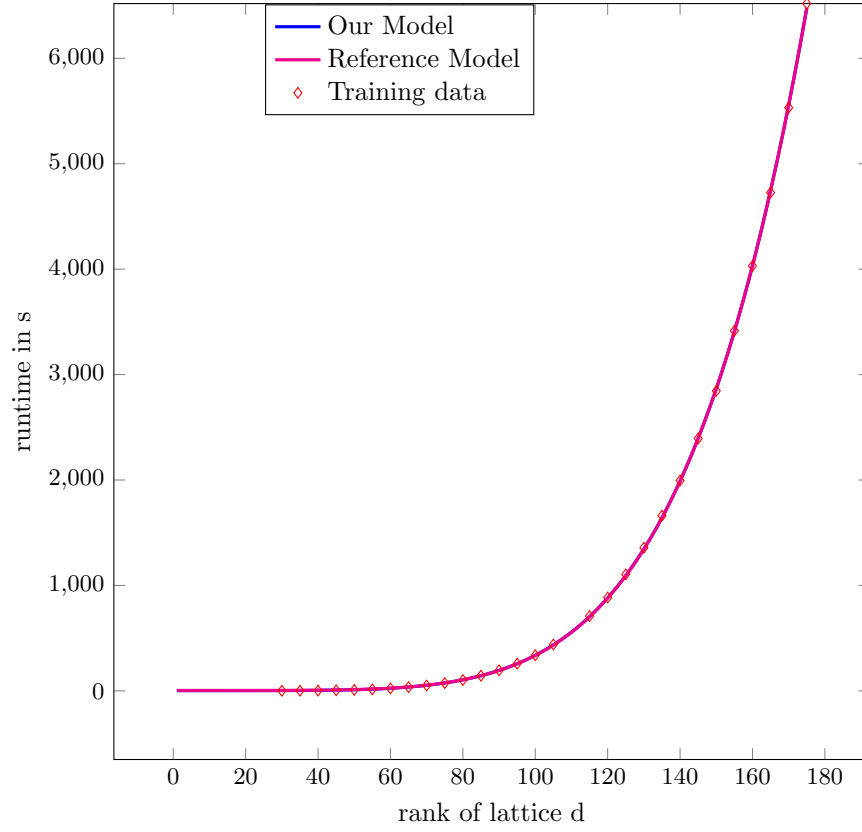
# 1 Evaluation

$$f_{model}(x) = 2.03913 + 8.71826e - 09 * x^{5.2918} * \log 2(x)^{0.00155805} \quad (1)$$

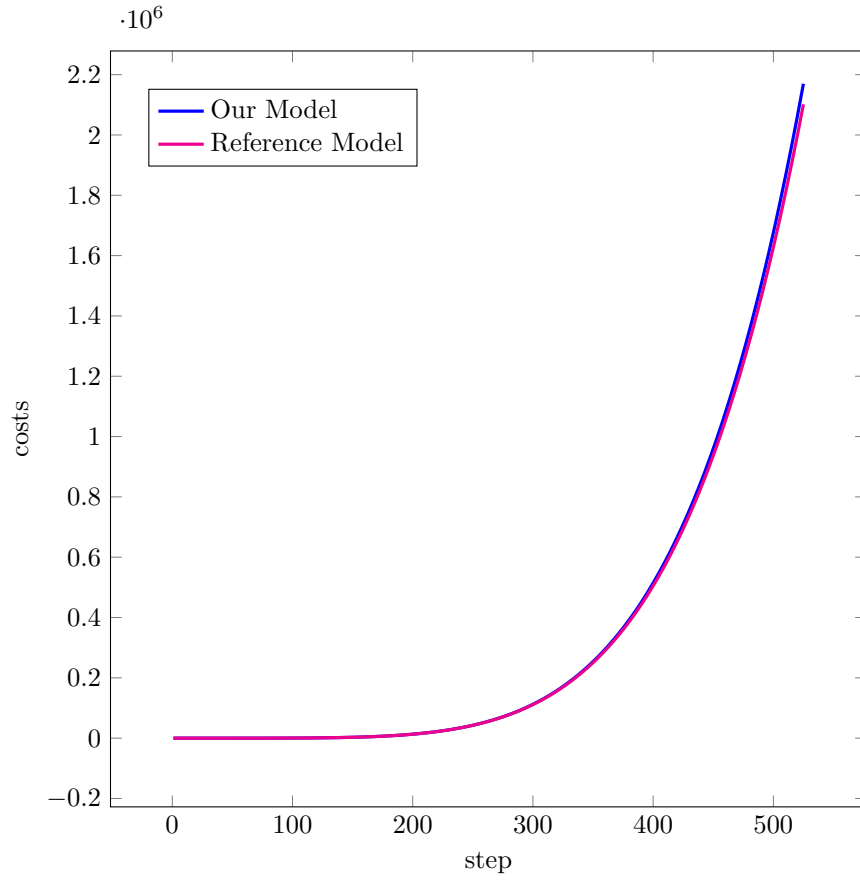
- Thread 3 found solution in 7256401 steps requiring 28.4939 seconds.
- Cost (RSS):3901.96

$$f_{model}(x) = 3.764 + 1.94e - 09 * x^5 * \log 2(x)^{1.5} \quad (2)$$

- Cost (RSS):4162.726322

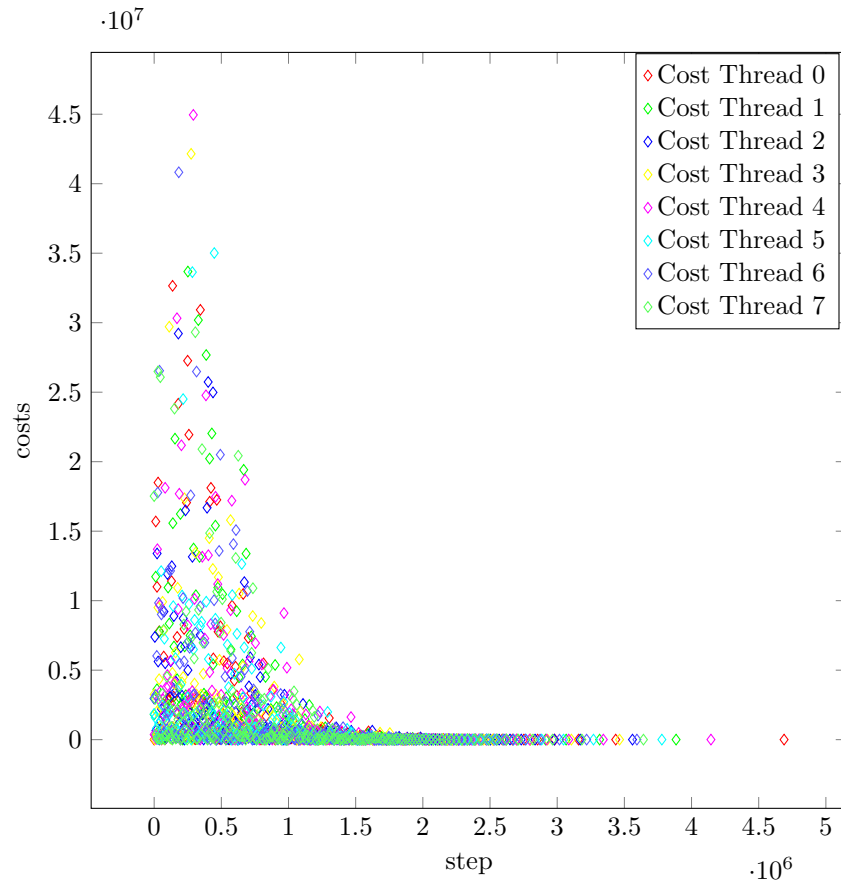


## 2 Prediction of Runtime



- Deviation of our model and reference at  $x=525$  is 3.24881%.

### 3 Development of Costs

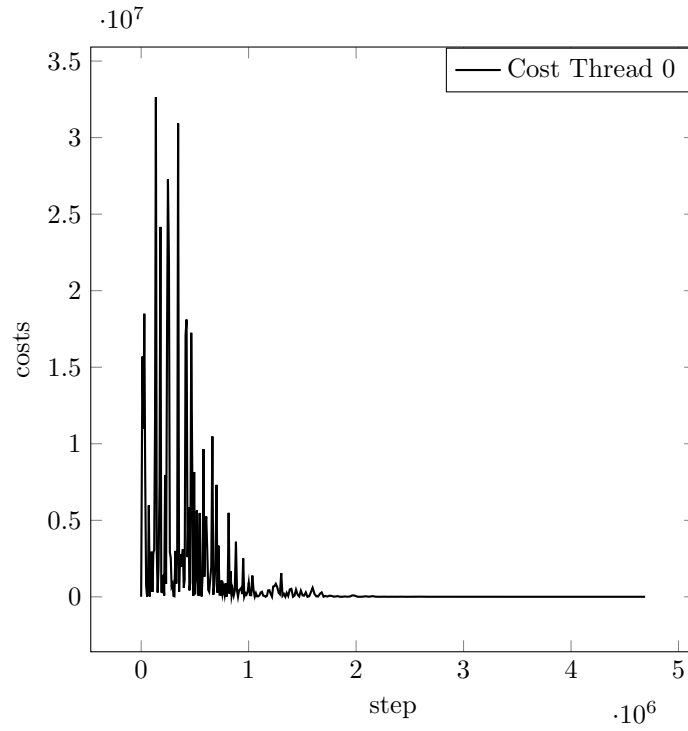


## 4 Details of Costs

### 4.1 Thread 0

- Cost (RSS):3903.06
- Thread 0 found solution:

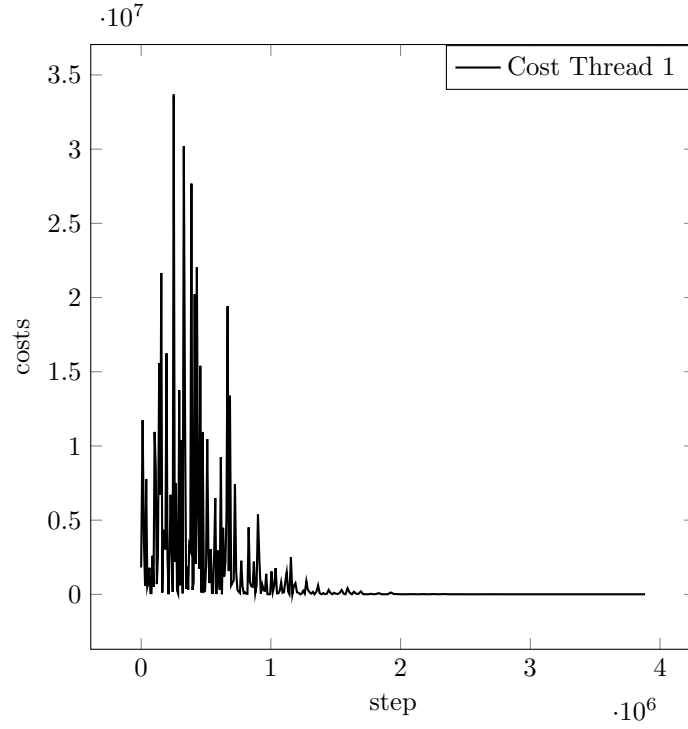
$$2.13807 + 8.64428e - 09 * x^{5.29146} * \log 2(x)^{0.00667907} \quad (3)$$



## 4.2 Thread 1

- Cost (RSS):3906.14
- Thread 1 found solution:

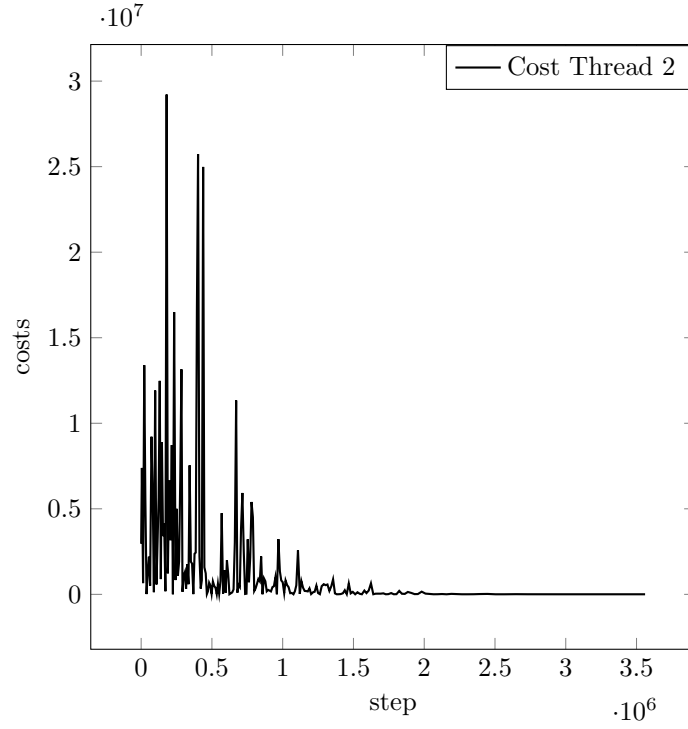
$$2.35827 + 8.57973e - 09 * x^{5.29314} * \log_2(x)^{0.00613204} \quad (4)$$



### 4.3 Thread 2

- Cost (RSS):3907.16
- Thread 2 found solution:

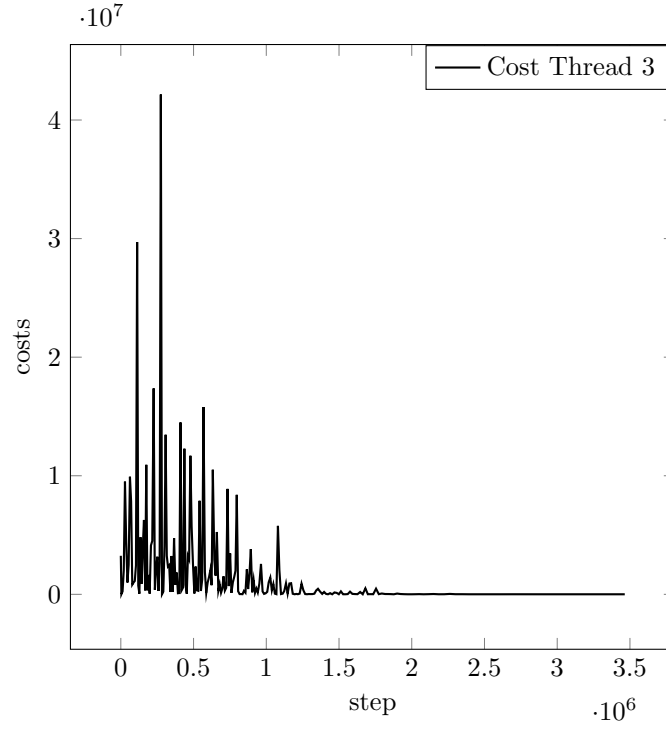
$$2.38358 + 8.54402e - 09 * x^{5.29263} * \log_2(x)^{0.0095138} \quad (5)$$



#### 4.4 Thread 3

- Cost (RSS):3901.96
- Thread 3 found solution:

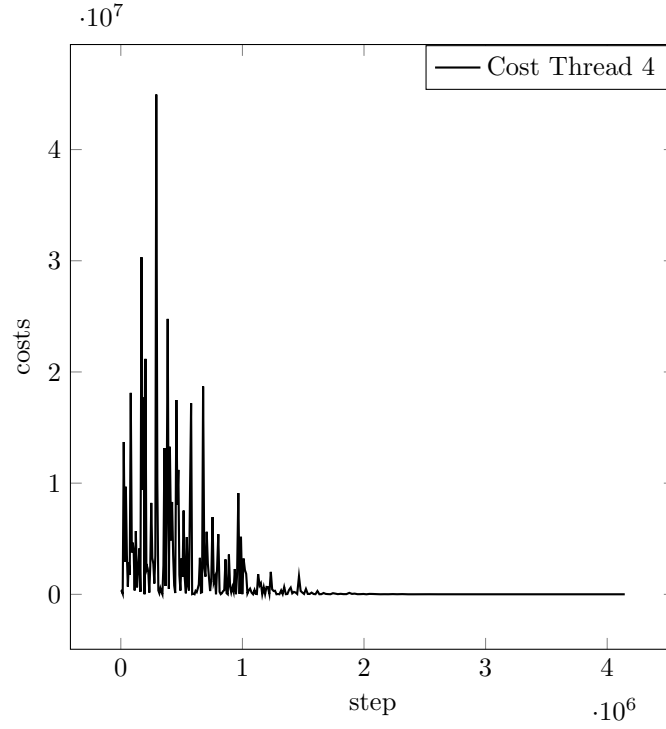
$$2.03913 + 8.71826e - 09 * x^{5.2918} * \log 2(x)^{0.00155805} \quad (6)$$



## 4.5 Thread 4

- Cost (RSS):3904.62
- Thread 4 found solution:

$$2.02804 + 8.57449e - 09 * x^{5.28812} * \log2(x)^{0.0192889} \quad (7)$$

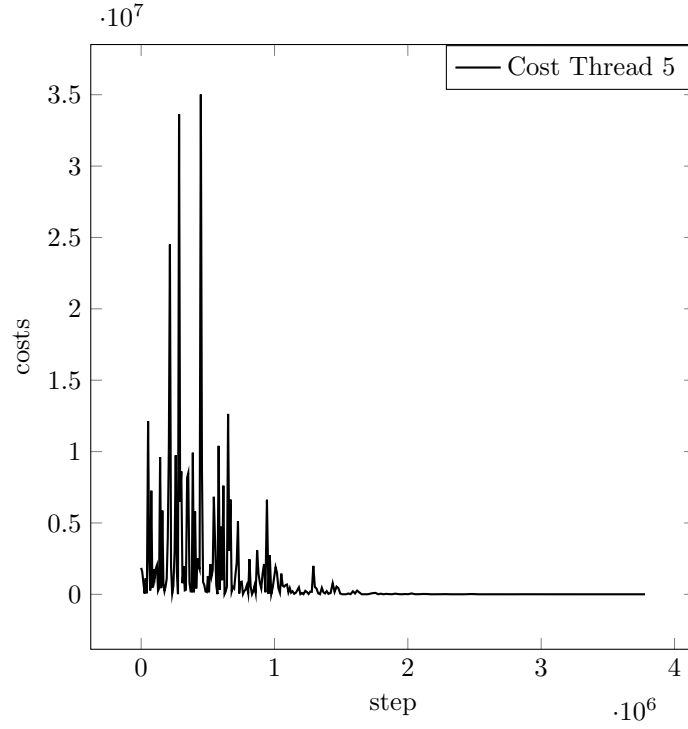




## 4.6 Thread 5

- Cost (RSS):3906.95
- Thread 5 found solution:

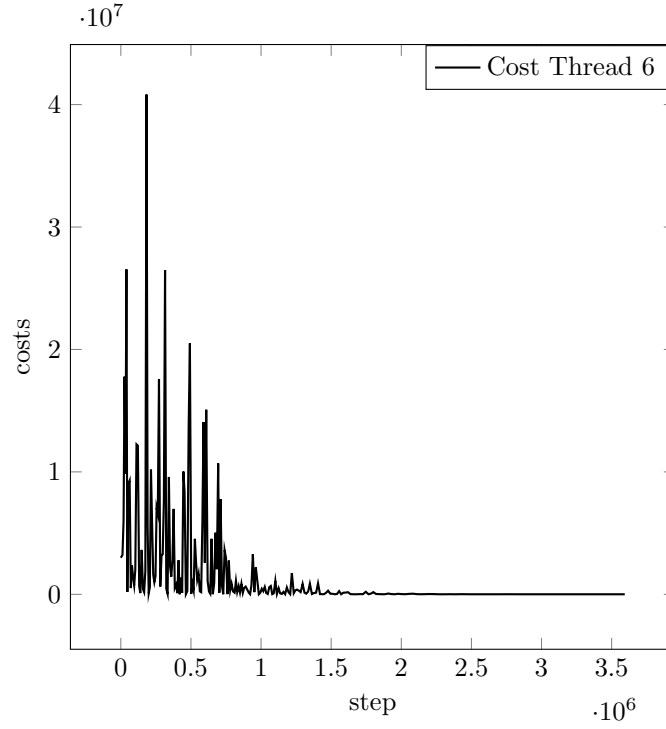
$$2.40282 + 8.57997e - 09 * x^{5.2938} * \log_2(x)^{0.00441287} \quad (8)$$



## 4.7 Thread 6

- Cost (RSS):3905.85
- Thread 6 found solution:

$$1.94112 + 8.55544e - 09 * x^{5.28637} * \log_2(x)^{0.0248979} \quad (9)$$



## 4.8 Thread 7

- Cost (RSS):3903.46
- Thread 7 found solution:

$$2.16069 + 8.62398e - 09 * x^{5.2913} * \log 2(x)^{0.00826831} \quad (10)$$

