1 Evaluation
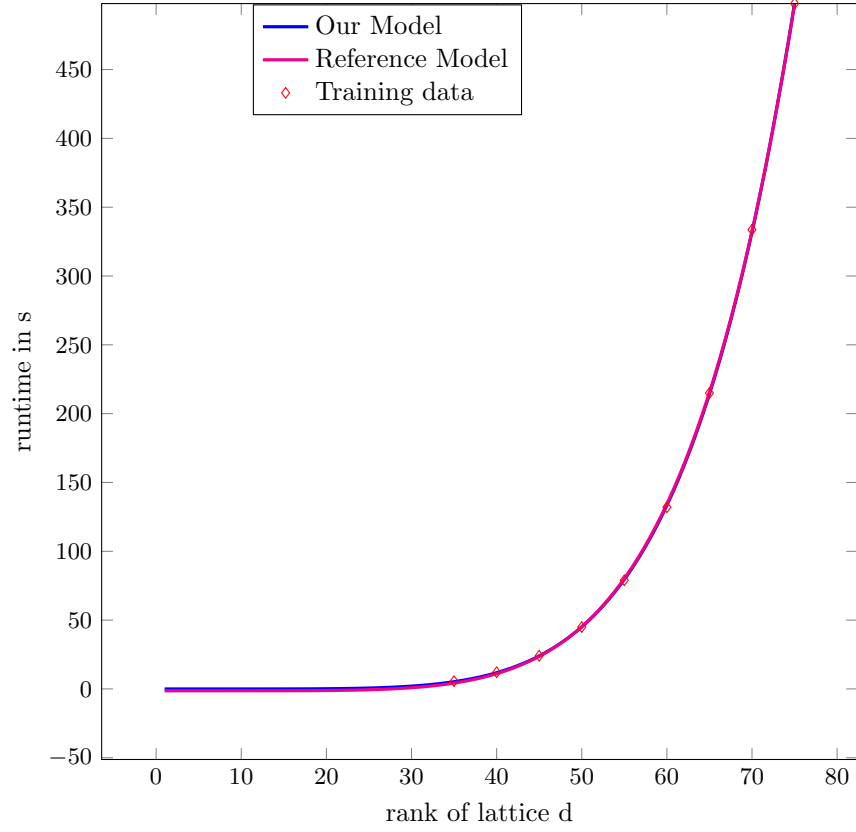
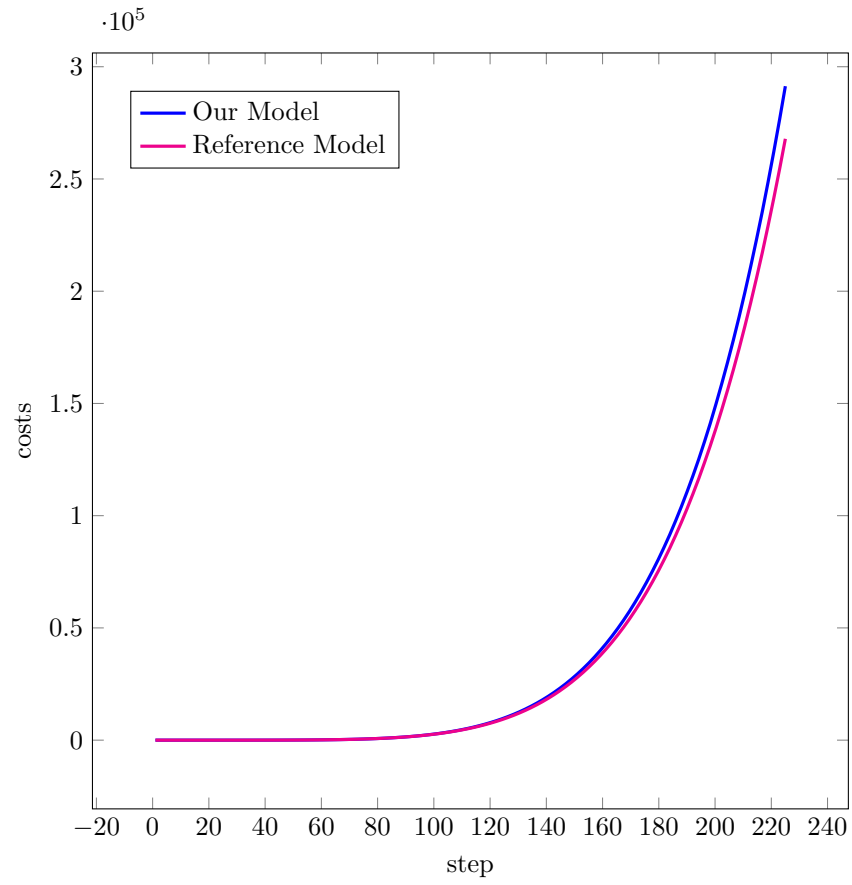$$f_{model}(x) = -0.0267716 + 2.53503e - 10 * x^{5.07966} * log2(x)^{3.48593} \tag{1}$$

- Thread 4 found solution in 5650801 steps requiring 16.9083 seconds.

- Cost (RSS):5.88702

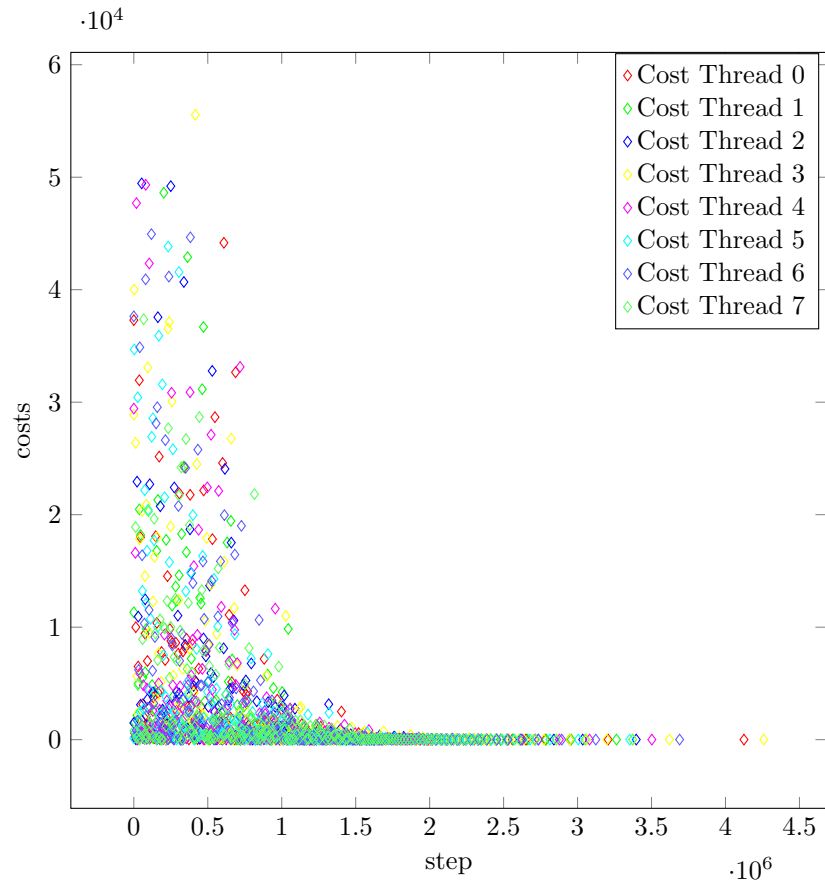$$f_{model}(x) = -1.336 + 3.486e - 10 * x^5 * log2(x)^{3.5} \tag{2}$$

- Cost (RSS):11.905735

2   Prediction of Runtime

- Deviation of our model and reference at x=225 is 8.761%.
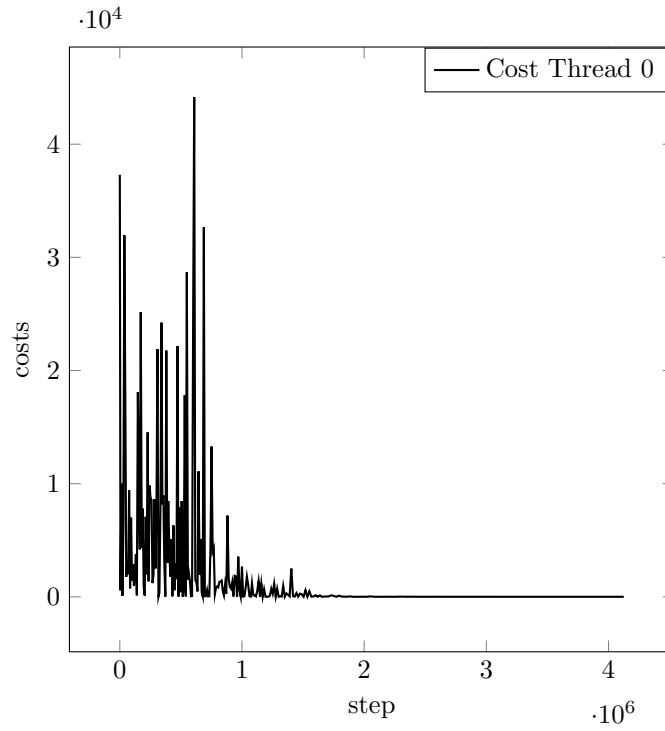
3 Development of Costs

4 Details of Costs

4.1 Thread 0

- Cost (RSS):5.88732
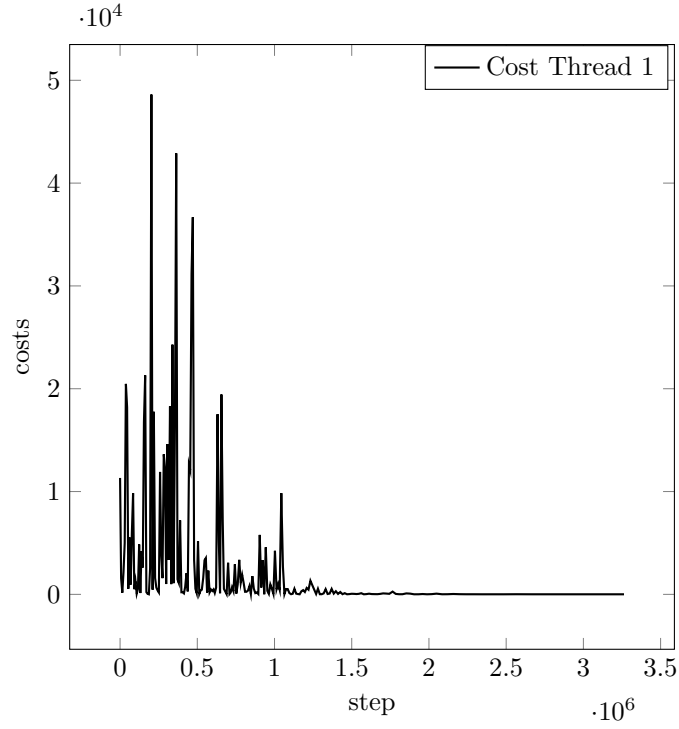
- Thread 0 found solution:

$$-0.00101819 + 2.51131e - 10 * x^{5.08022} * log2(x)^{3.48975} \qquad (3)$$

4.2 Thread 1

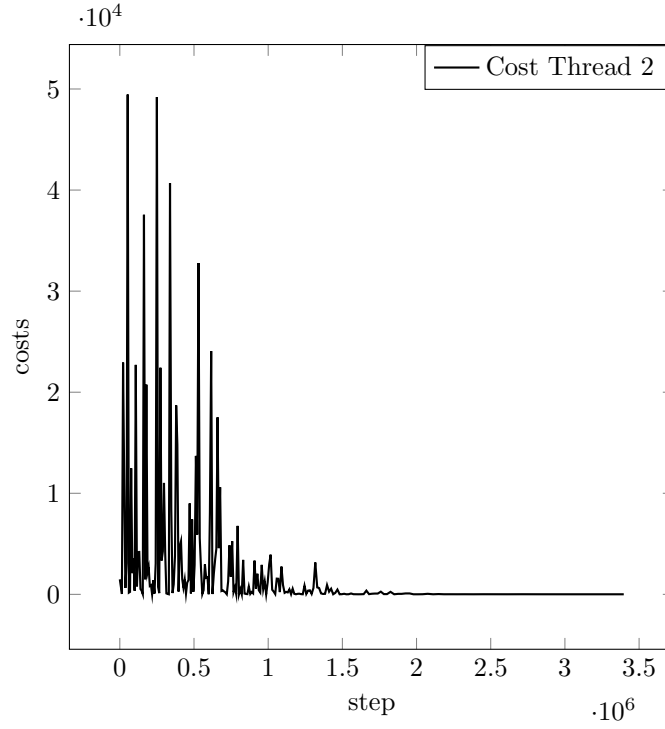- Cost (RSS):5.89453

- Thread 1 found solution:

$$-0.0325729 + 2.58146e - 10 * x^{5.08449} * log2(x)^{3.46462} \tag{4}$$

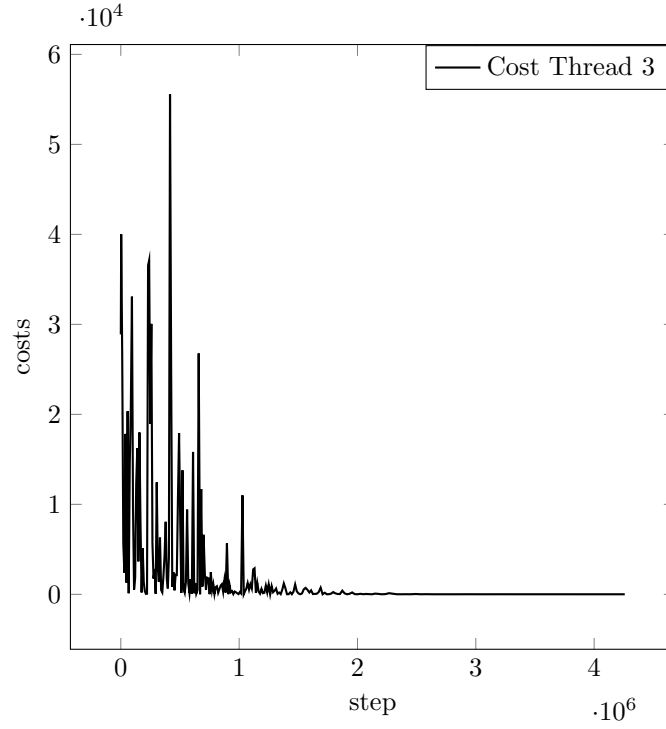## 4.3   Thread 2

- Cost (RSS):5.89505

- Thread 2 found solution:

$$-0.021744 + 2.57771e - 10 * x^{5.08549} * log2(x)^{3.46304} \tag{5}$$

4.4 Thread 3
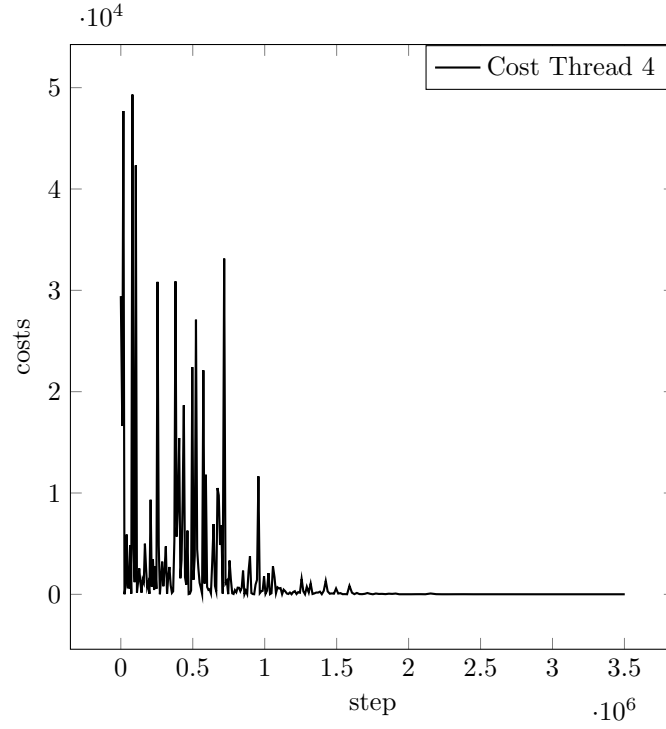
- Cost (RSS):5.89314

- Thread 3 found solution:

$$-0.0598819 + 2.56702e - 10 * x^{5.07908} * log2(x)^{3.48045} \tag{6}$$

4.5   Thread 4
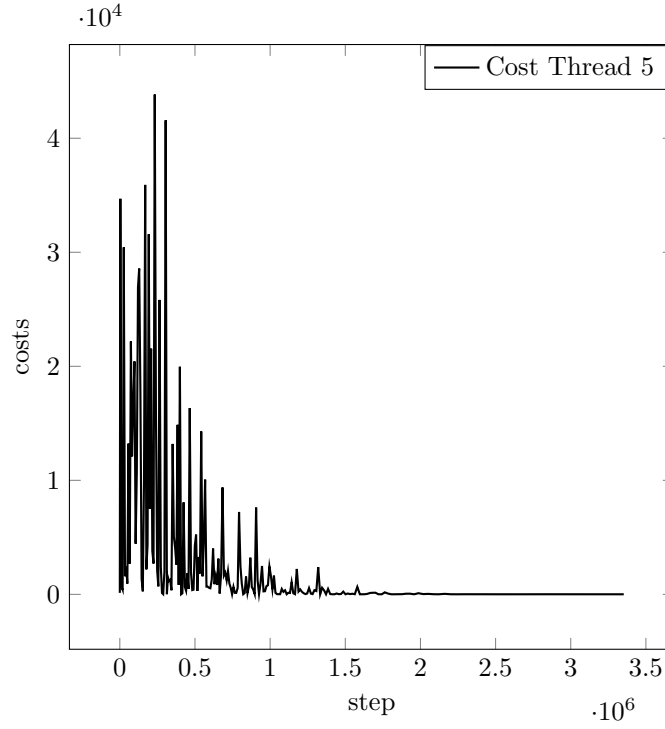
- Cost (RSS):5.88702

- Thread 4 found solution:

$$-0.0267716 + 2.53503e - 10 * x^{5.07966} * log2(x)^{3.48593} \tag{7}$$

4.6 Thread 5
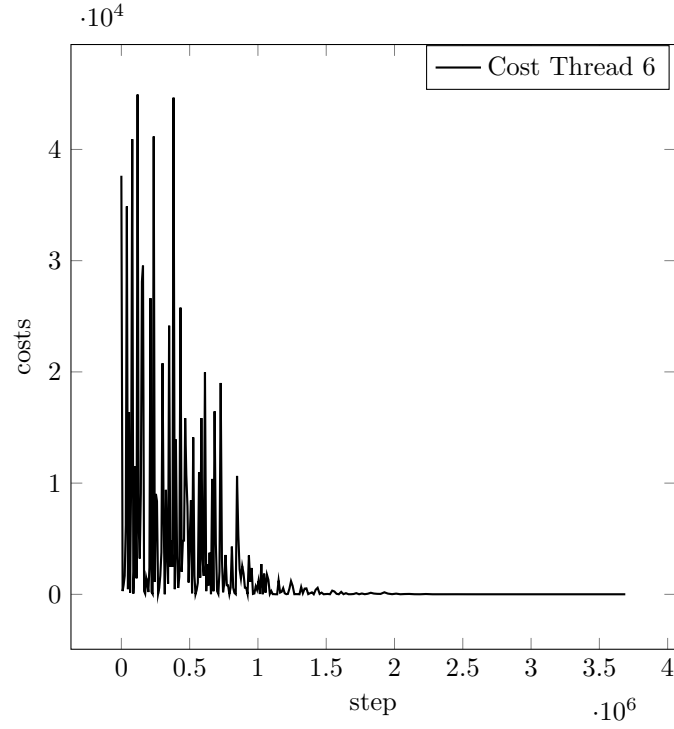
- Cost (RSS):5.8963

- Thread 5 found solution:

$$-0.00775162 + 2.56938e - 10 * x^{5.08638} * log2(x)^{3.46272} \qquad (8)$$

4.7 Thread 6

- Cost (RSS):5.89302

- Thread 6 found solution:

$$-0.00623786 + 2.54939e - 10 * x^{5.08417} * log2(x)^{3.47221} \tag{9}$$

4.8   Thread 7

- Cost (RSS):5.88915

- Thread 7 found solution:

$$-0.0458056 + 2.55018e - 10 * x^{5.07894} * log2(x)^{3.48438} \tag{10}$$