1   Evaluation
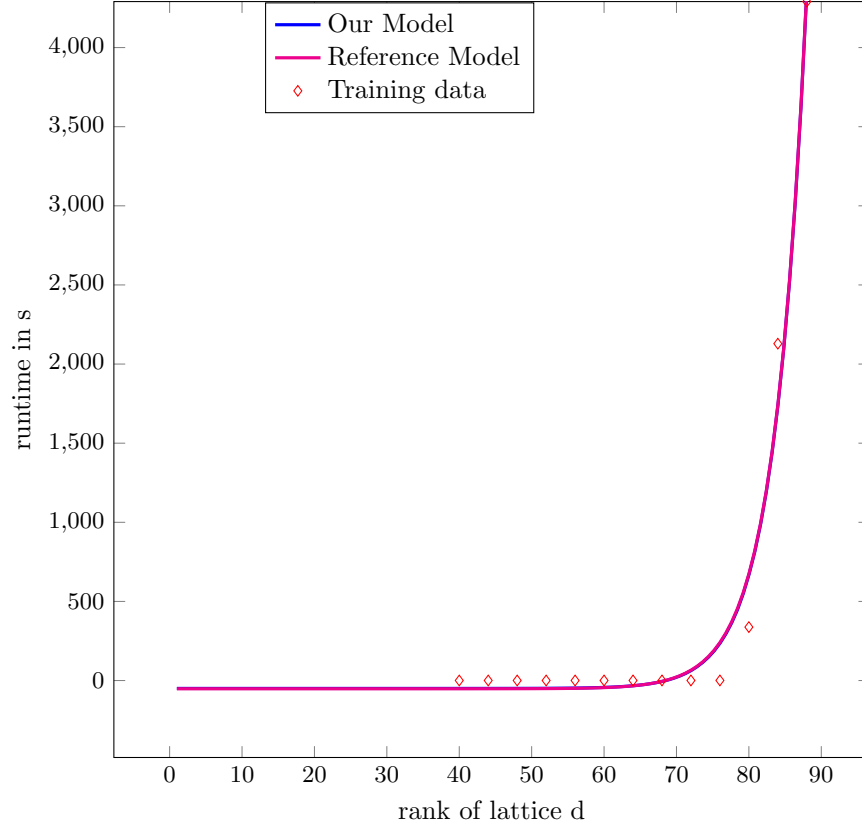
$$f_{model}(x) = -49.881 + 9.36842e - 08 * 2^{0.963641*x^{0.805261}} * x^0 \tag{1}$$
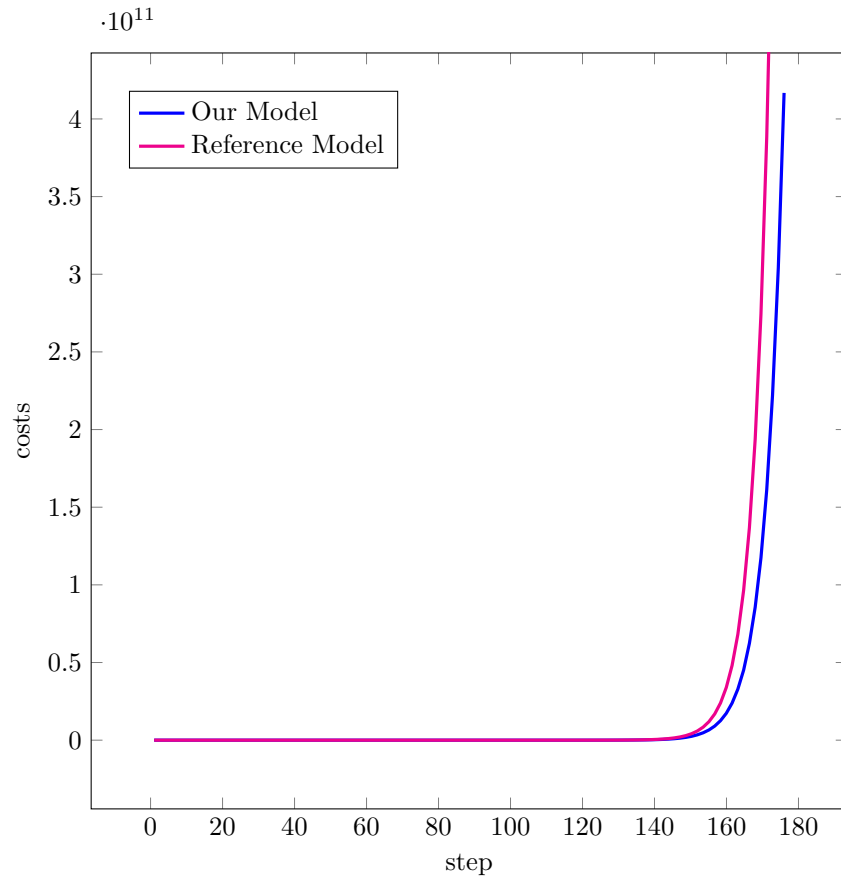
- Thread 7 found solution in 8956801 steps requiring 38.5258 seconds.

- Cost (RSS):341747

$$f_{model}(x) = -51.973 + 6.055e - 08 * 2^{0.3*x^1} * x^{1.5} \tag{2}$$
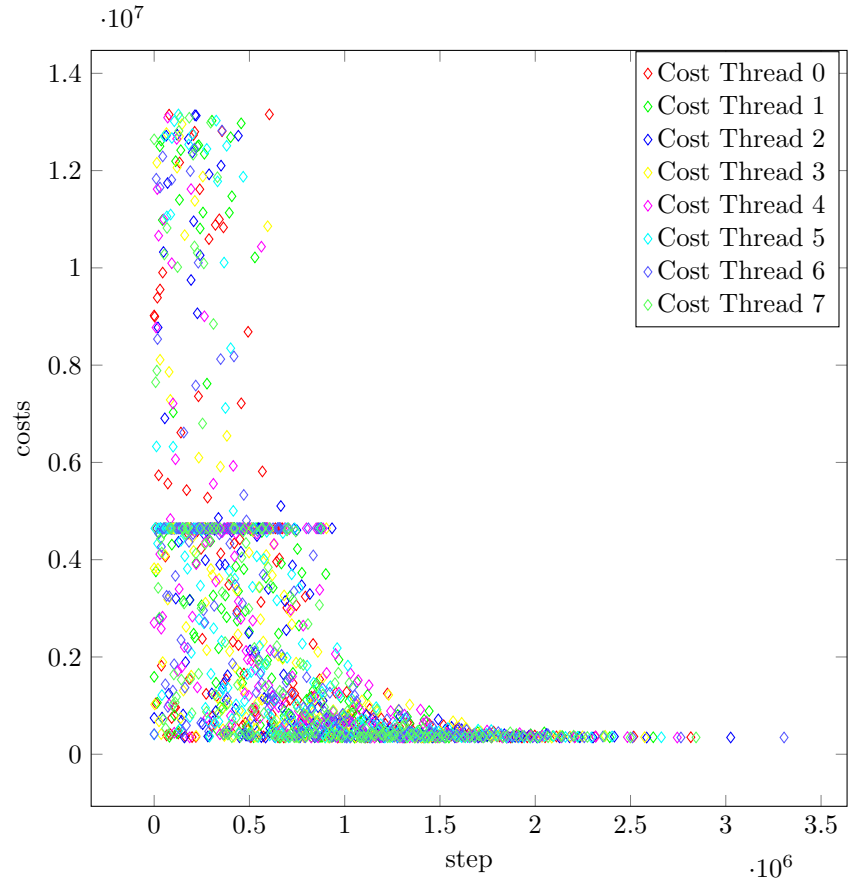
- Cost (RSS):346556.818375

2 Prediction of Runtime

- Deviation of our model and reference at x=176 is 61.9867%.
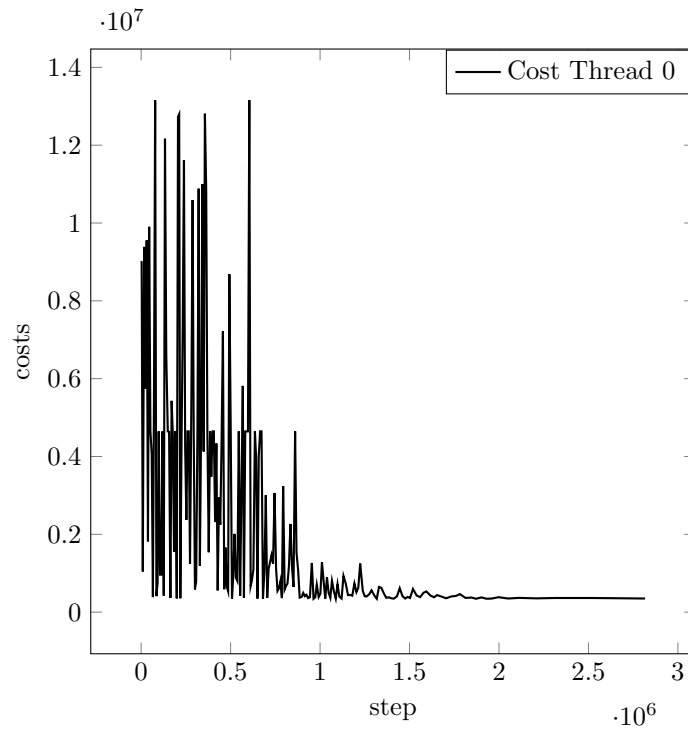
3 Development of Costs

4 Details of Costs

4.1 Thread 0

- Cost (RSS):342924
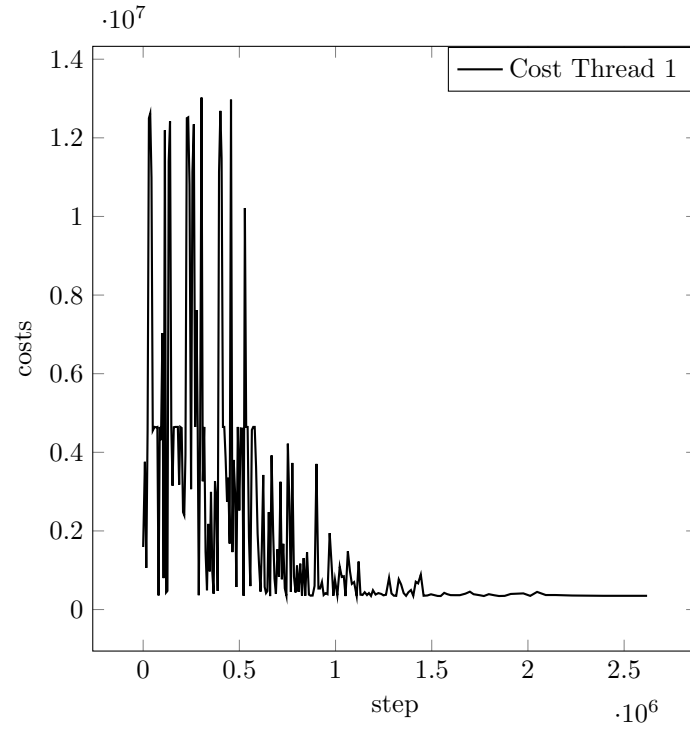
- Thread 0 found solution:

$$-45.3891 + 9.78651e - 08 * 2^{0.902019*x^{0.819635}} * x^0 \tag{3}$$

4.2   Thread 1

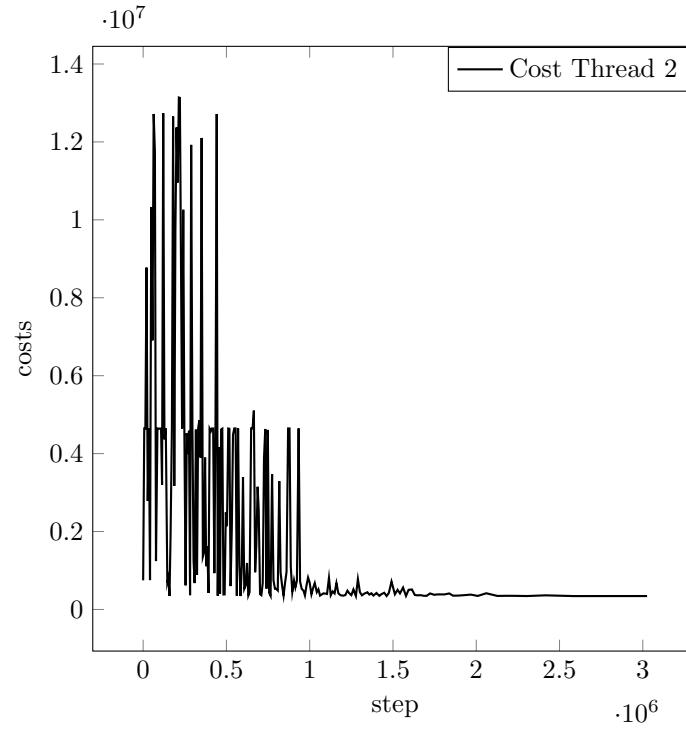- Cost (RSS):342471

- Thread 1 found solution:

$$-51.7054 + 1.47043e - 07 * 2^{0.90196*x^{0.815897}} * x^0 \tag{4}$$

4.3 Thread 2
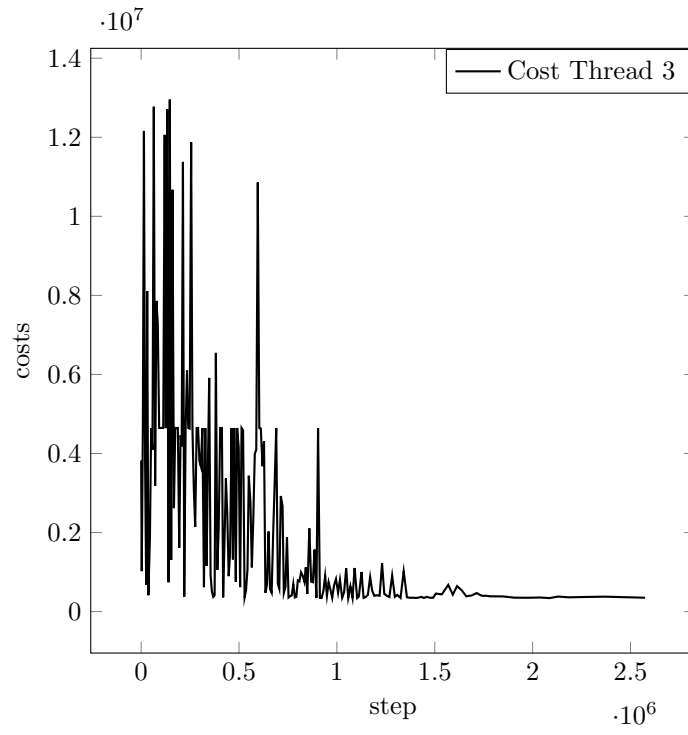
- Cost (RSS):342223

- Thread 2 found solution:

$$-51.5289 + 1.24686e - 07 * 2^{0.9301 * x^{0.810557}} * x^0 \tag{5}$$

4.4 Thread 3

- Cost (RSS):342289

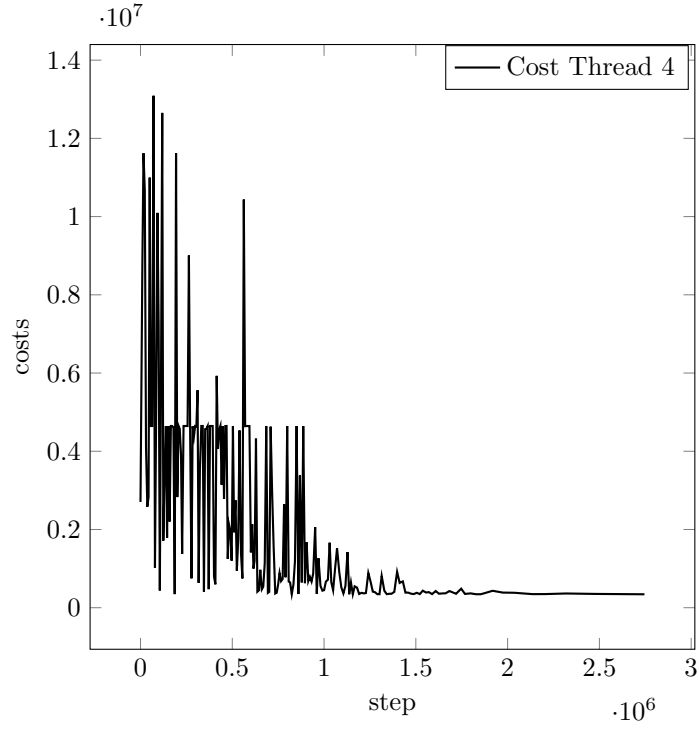- Thread 3 found solution:

$$-50.892 + 1.37017e - 07 * 2^{0.905384 * x^{0.815705}} * x^0 \tag{6}$$

4.5   Thread 4

- Cost (RSS):343035

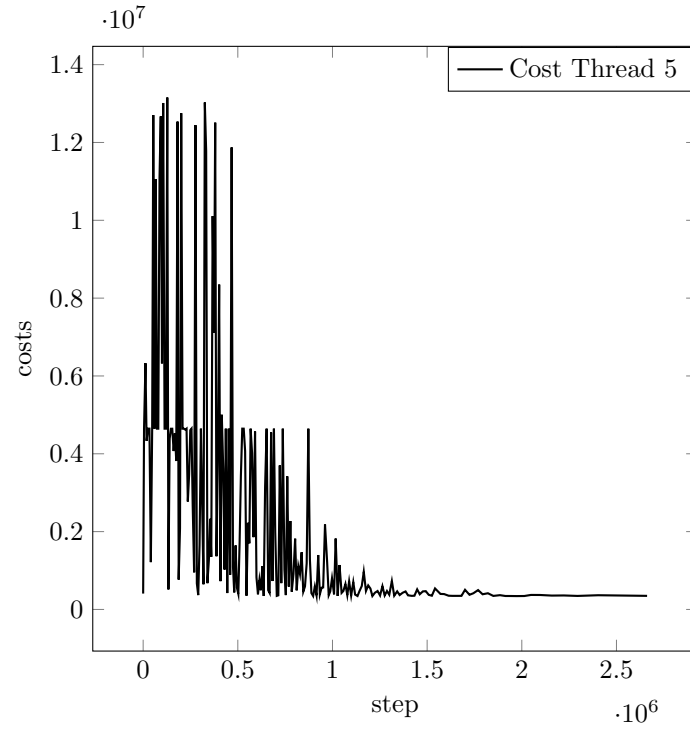- Thread 4 found solution:

$$-45.1197 + 9.65101e - 08 * 2^{0.901362*x^{0.819925}} * x^0 \tag{7}$$

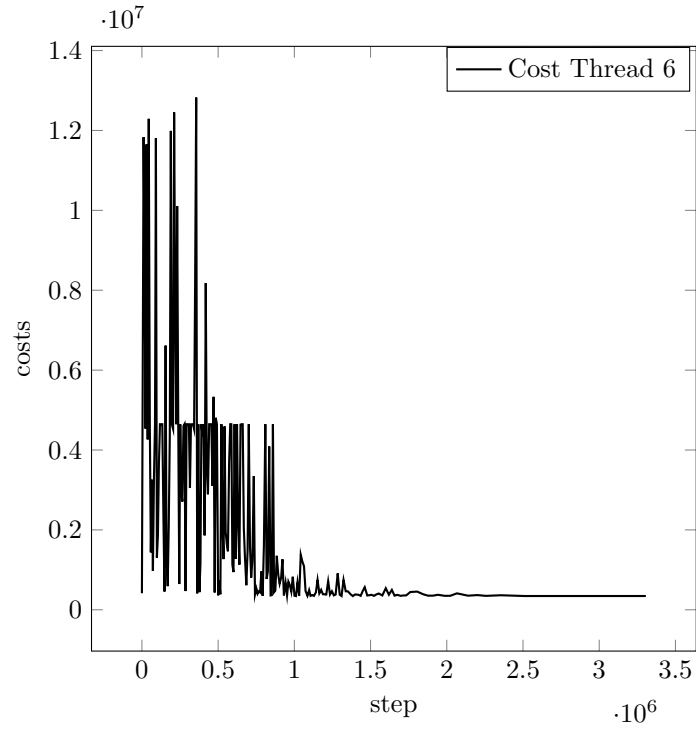## 4.6 Thread 5

- Cost (RSS):342392

- Thread 5 found solution:

$$-47.1 + 1.07196e - 07 * 2^{0.905667*x^{0.817899}} * x^0 \tag{8}$$

4.7 Thread 6

- Cost (RSS):342506

- Thread 6 found solution:

$$-52.6686 + 1.3129e - 07 * 2^{0.933994 * x^{0.809146}} * x^0 \qquad (9)$$

4.8   Thread 7

- Cost (RSS):341747

- Thread 7 found solution:

$$-49.881 + 9.36842e - 08 * 2^{0.963641*x^{0.805261}} * x^0 \tag{10}$$