

**Pre-optimization
(milli second)**

0.35
0.3
0.25
0.2
0.15
0.1
0.05
0

—○— Pre-
optimization

1

2

3

4

Pre-optimization

0.194

0.102

0.294

0.168

Optimization

0.587

0.554

50.446

58.961

Replications

70
60
50
40
30
20
10
0

Optimization (second)