

hist(c a c b a b) = 2 2 2 2 2 2 (✓)
hist(a b d d a a) = 3 1 2 2 3 3 (✓)
hist(a d c c b b) = 1 1 2 2 2 2 (✓)

hist(c a c b a b) = 6 6 6 6 6 6 (✗)
hist(a b d d a a) = 6 6 6 6 6 6 (✗)
hist(a d c c b b) = 6 6 6 6 6 6 (✗)

Repair Trajectory
✗ Buggy Program
● Repaired Program

Correctness Loss

14.4
12.8
11.2
9.6
8.0
6.4
4.8
3.2
1.6
0.0

hist(c a c b a b) = 2 2 2 2 2 2 (✓)
hist(a b d d a a) = 3 1 2 2 3 3 (✓)
hist(a d c c b b) = 2 1 2 2 2 2 (✗)

hist(c a c b a b) = 2 2 2 2 2 2 (✓)
hist(a b d d a a) = 2 1 2 2 2 2 (✗)
hist(a d c c b b) = 2 2 2 2 2 2 (✗)