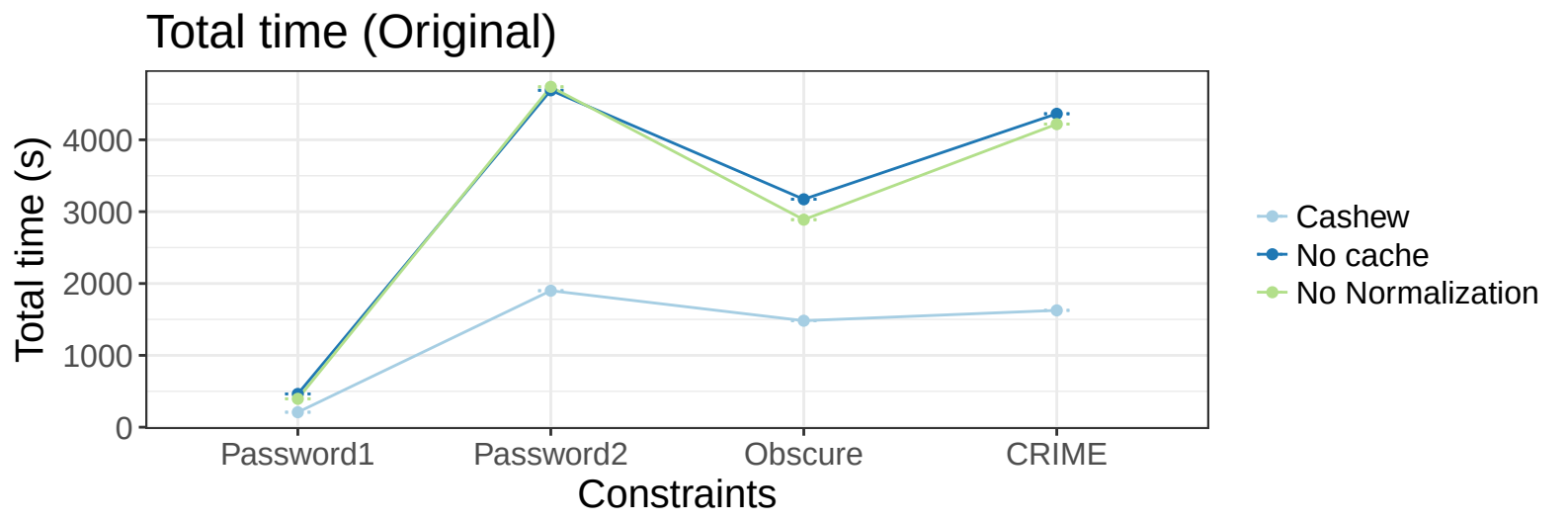
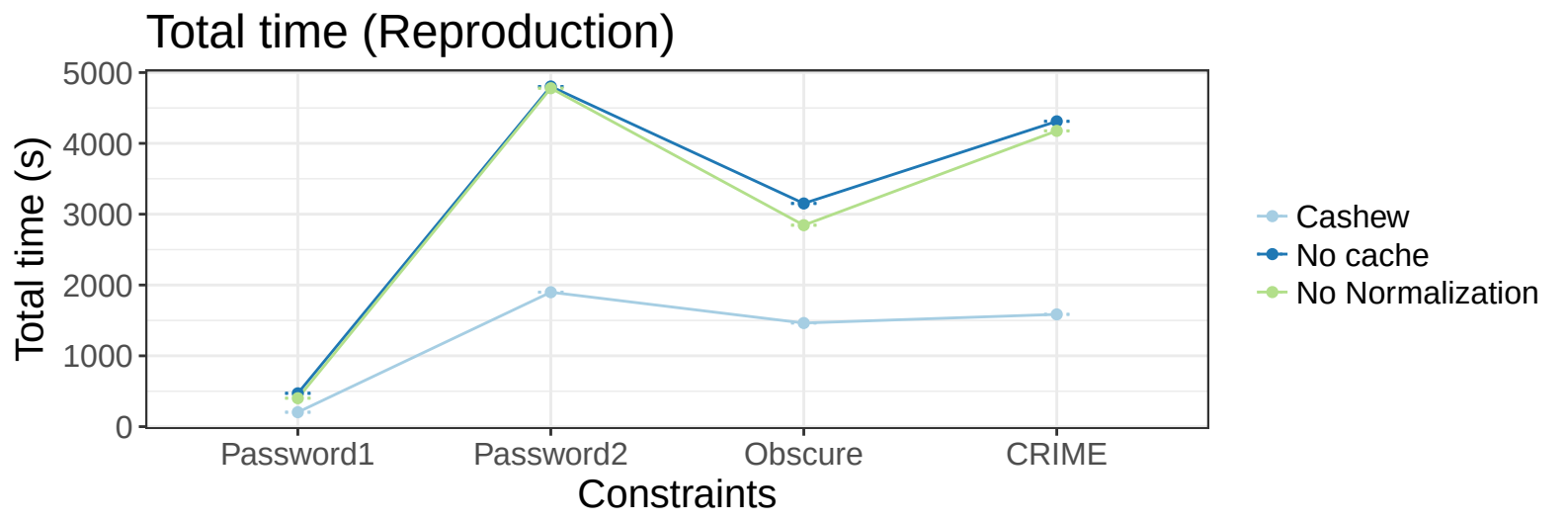
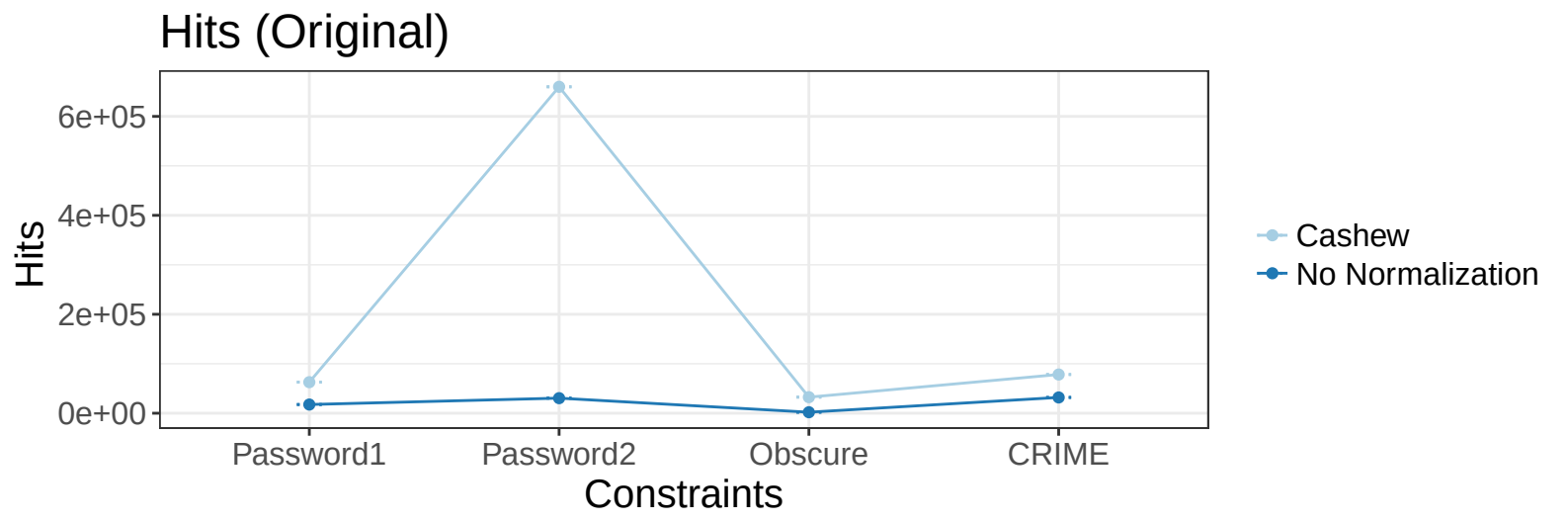
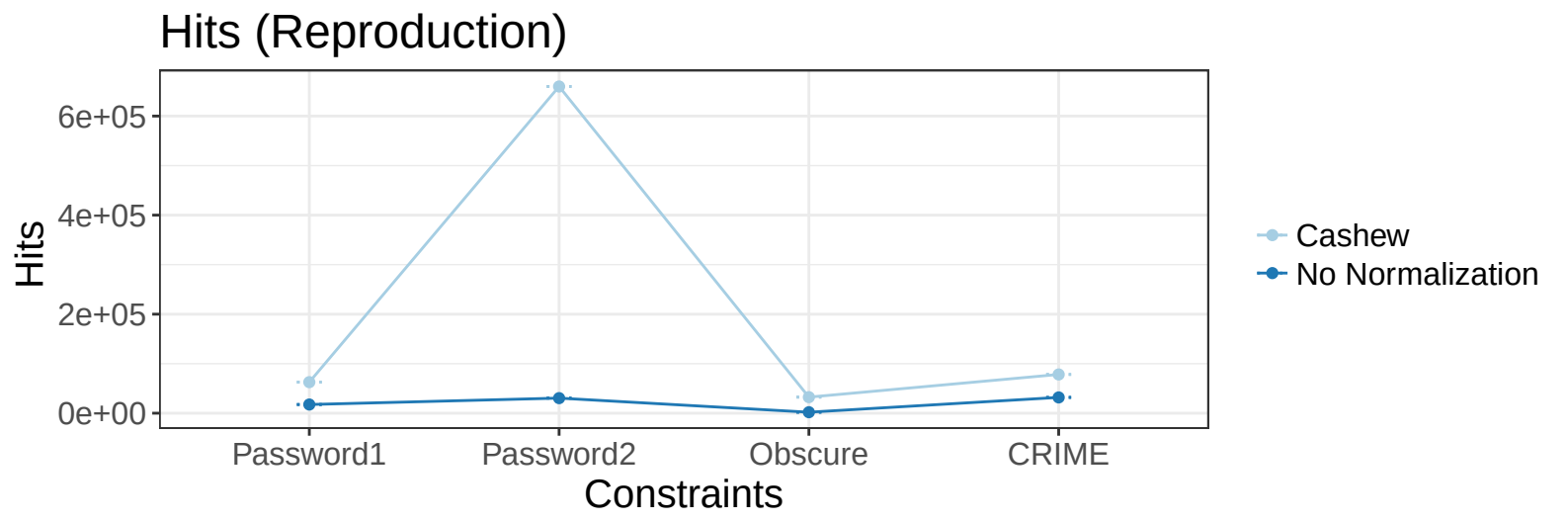
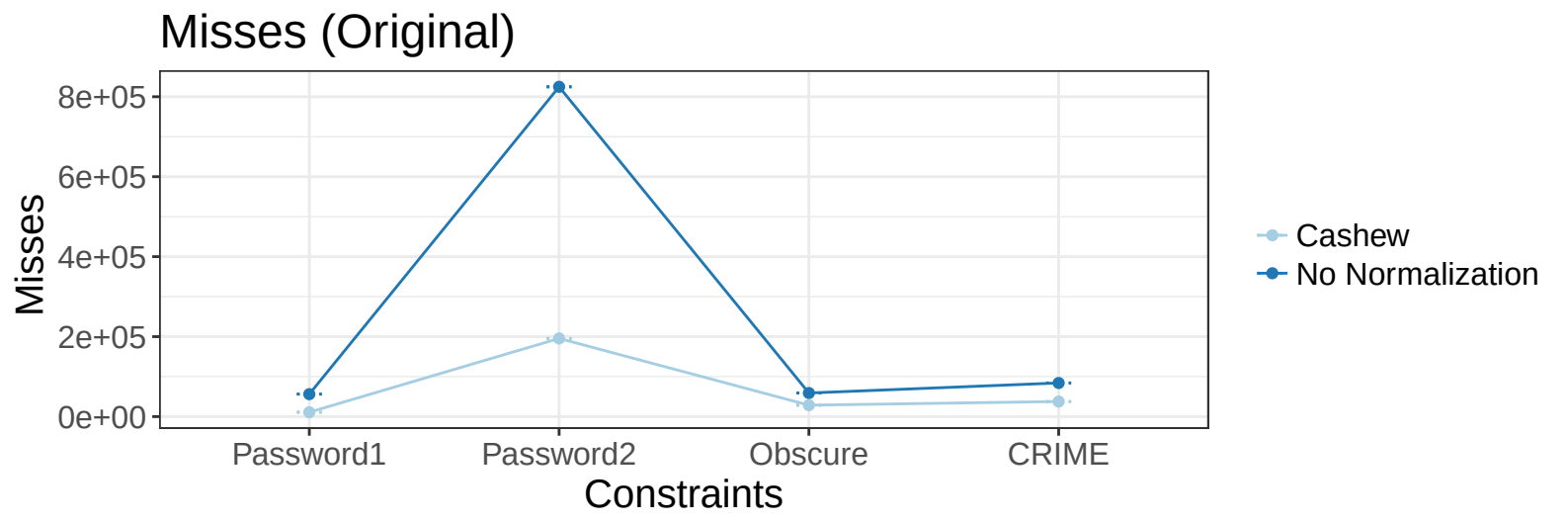
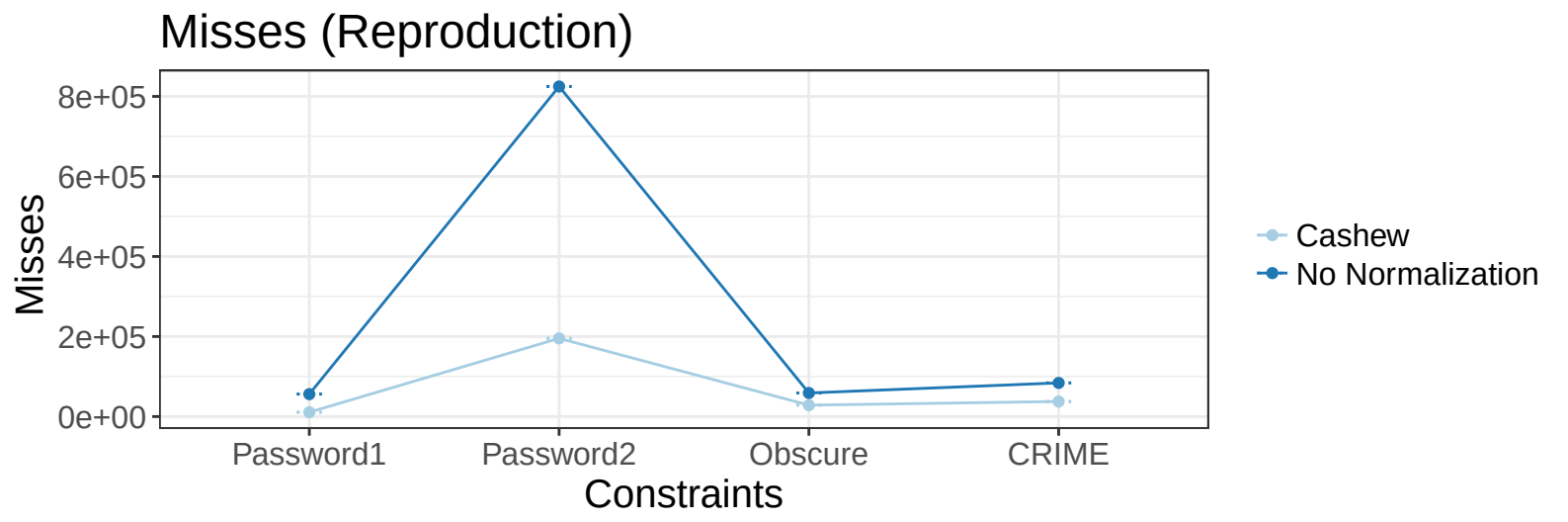

Total time (Original)
Total time (s)
4000
3000
2000
1000
0
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No cache
No Normalization

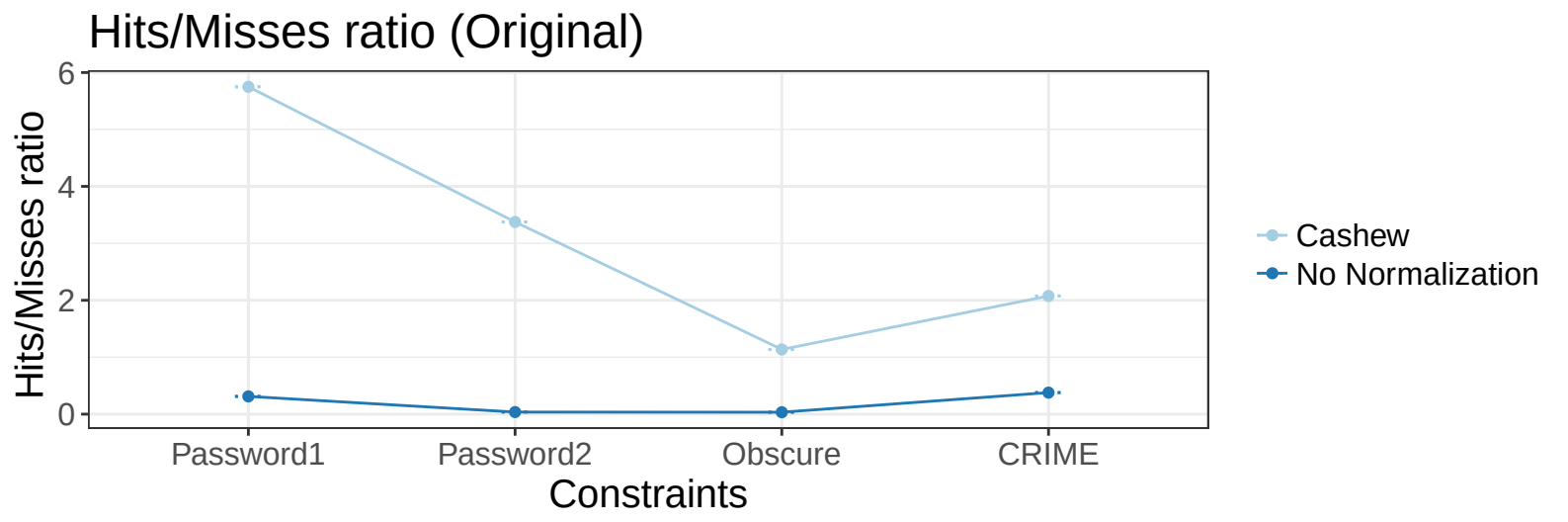

Total time (Reproduction)
Total time (s)
5000
4000
3000
2000
1000
0
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No cache
No Normalization

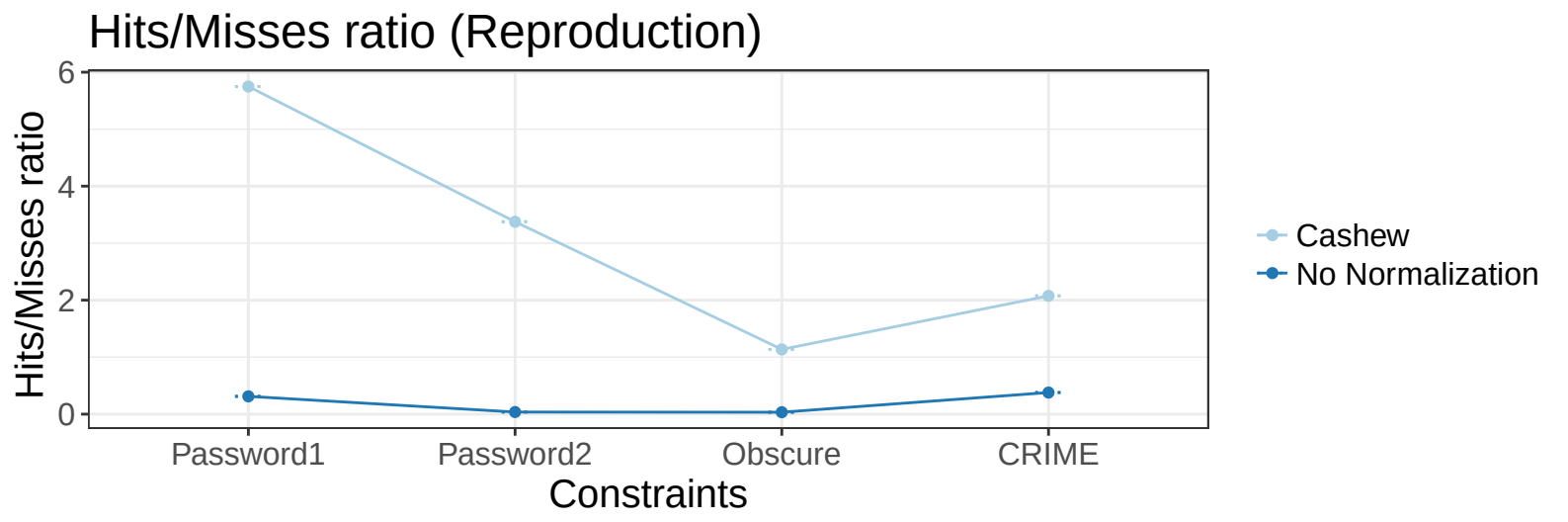

Hits (Original)
Hits
6e+05
4e+05
2e+05
0e+00
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No Normalization

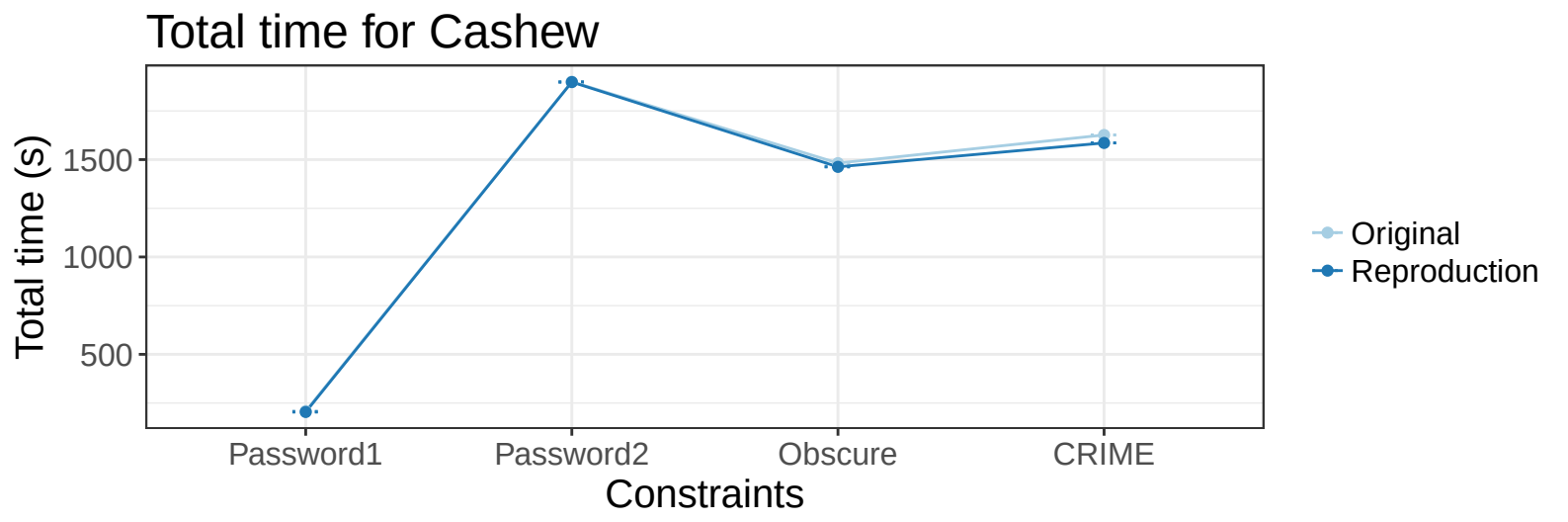

Hits (Reproduction)
Hits
6e+05
4e+05
2e+05
0e+00
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No Normalization

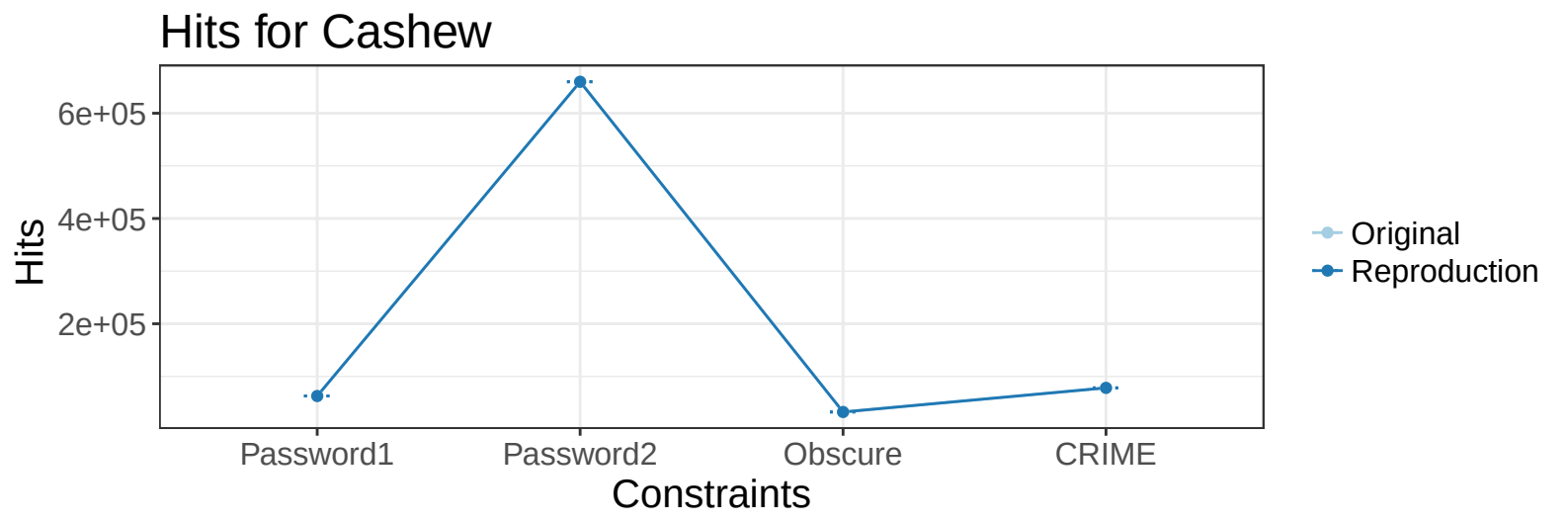

Misses (Original)
Misses
8e+05
6e+05
4e+05
2e+05
0e+00
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No Normalization

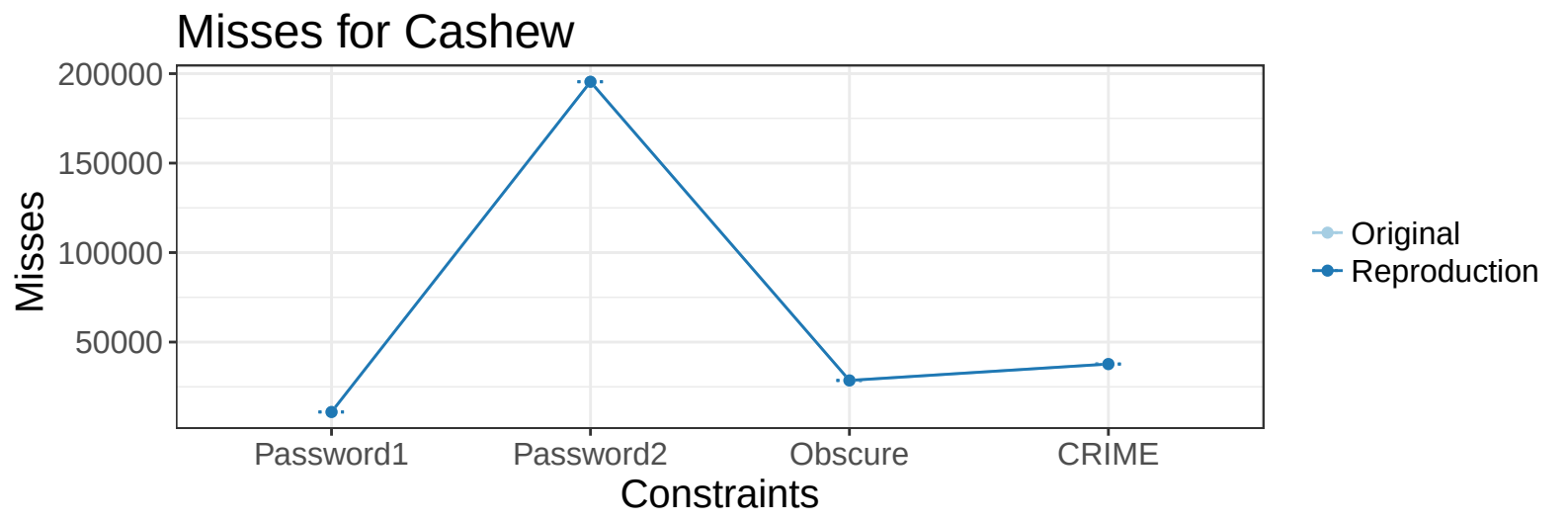

Misses (Reproduction)
Misses
8e+05
6e+05
4e+05
2e+05
0e+00
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No Normalization

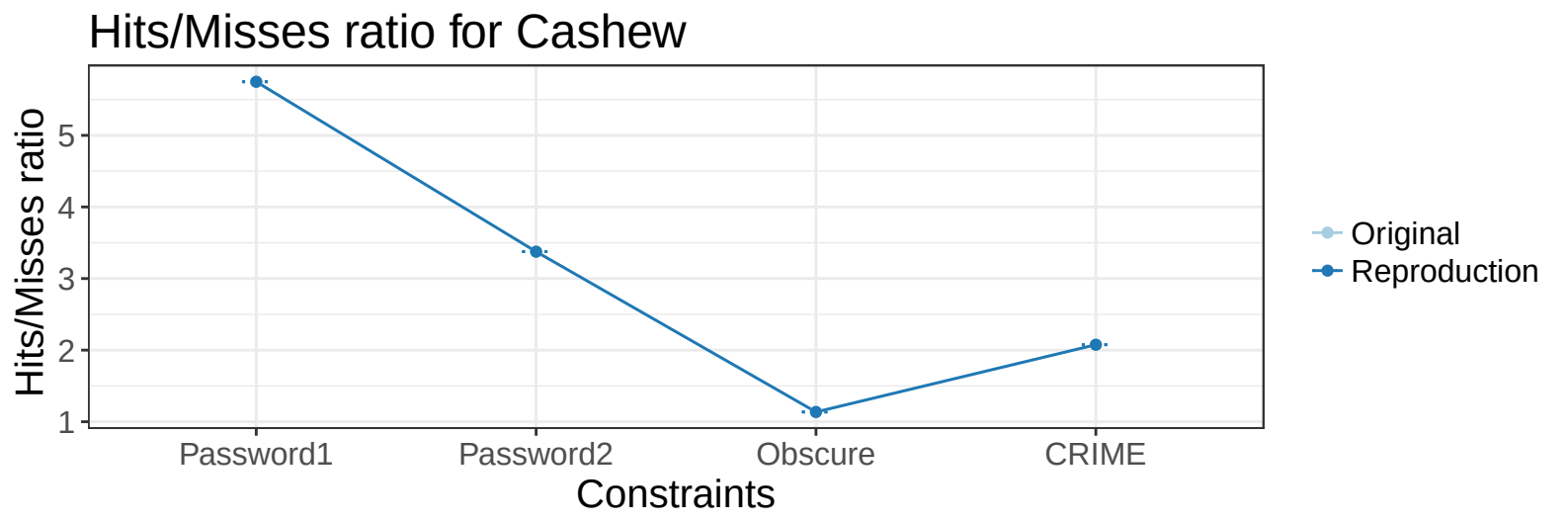

Hits/Misses ratio (Original)
Hits/Misses ratio
6
4
2
0
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No Normalization

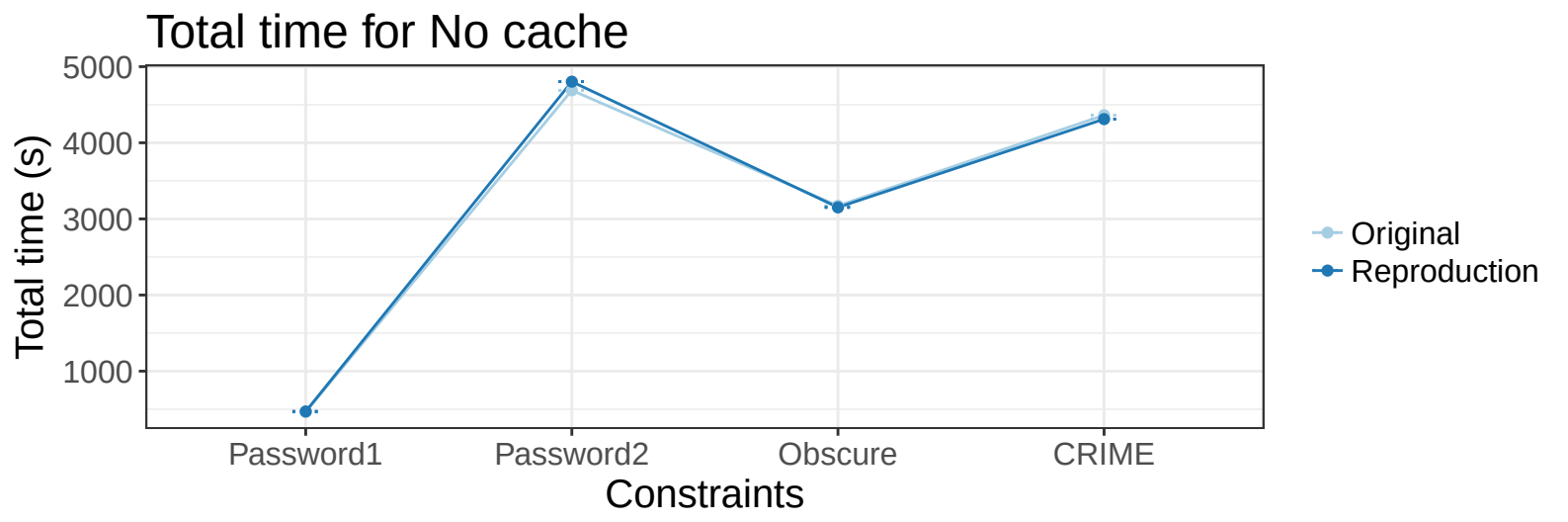

Hits/Misses ratio (Reproduction)
Hits/Misses ratio
6
4
2
0
Password1
Password2
Obscure
CRIME
Constraints
Cashew
No Normalization

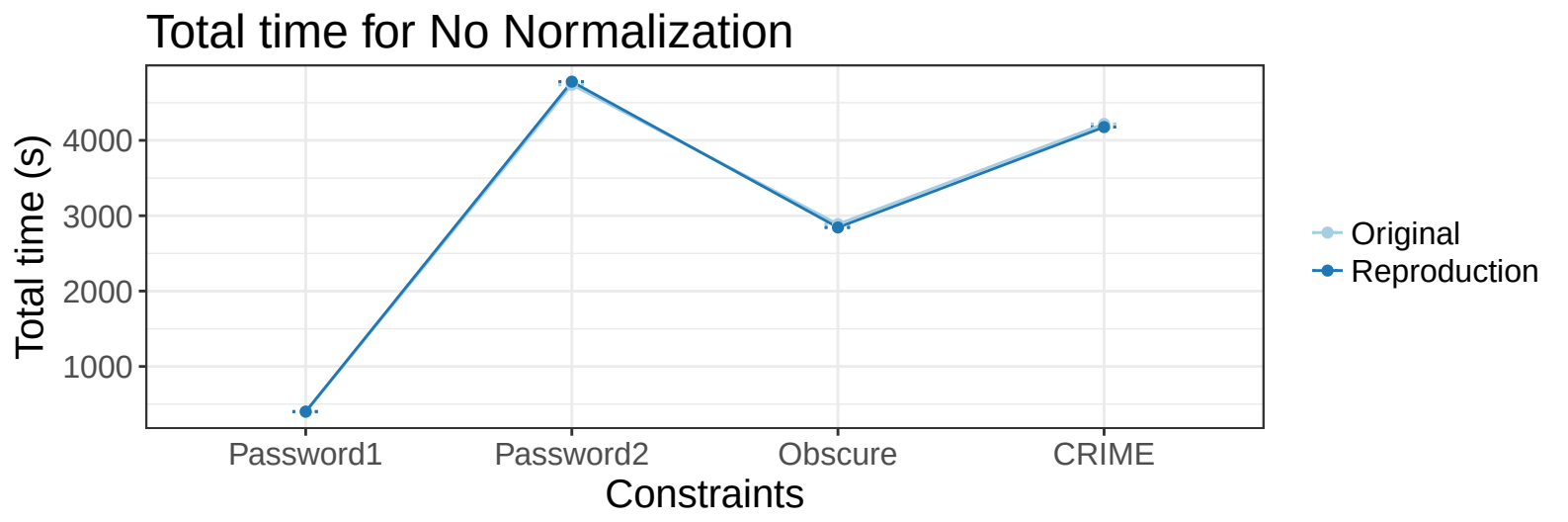

Total time for Cashew
Total time (s)
1500
1000
500
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction

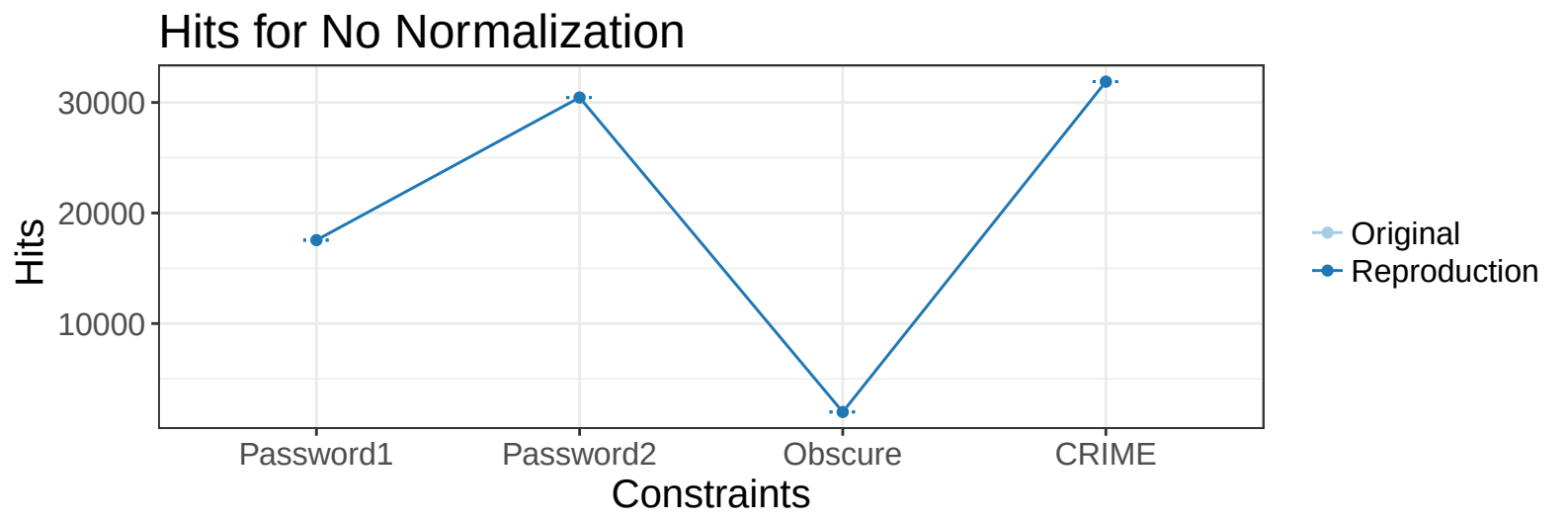

Hits for Cashew
Hits
6e+05
4e+05
2e+05
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction

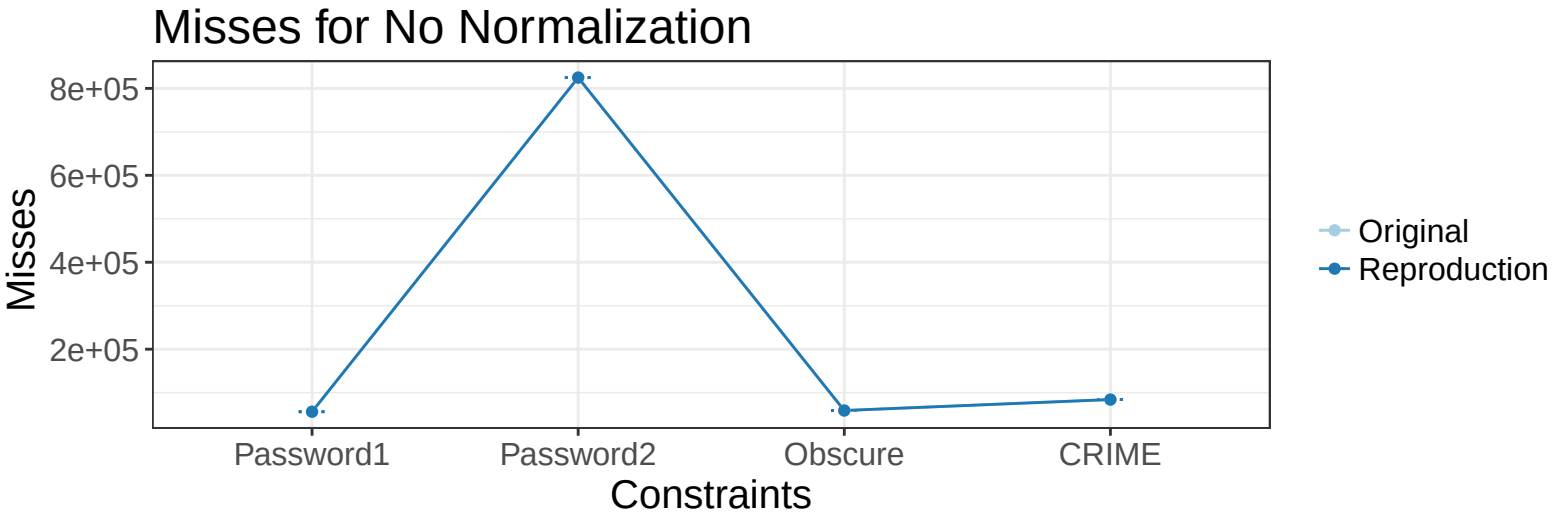

Misses for Cashew
200000
150000
100000
50000
Misses
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction

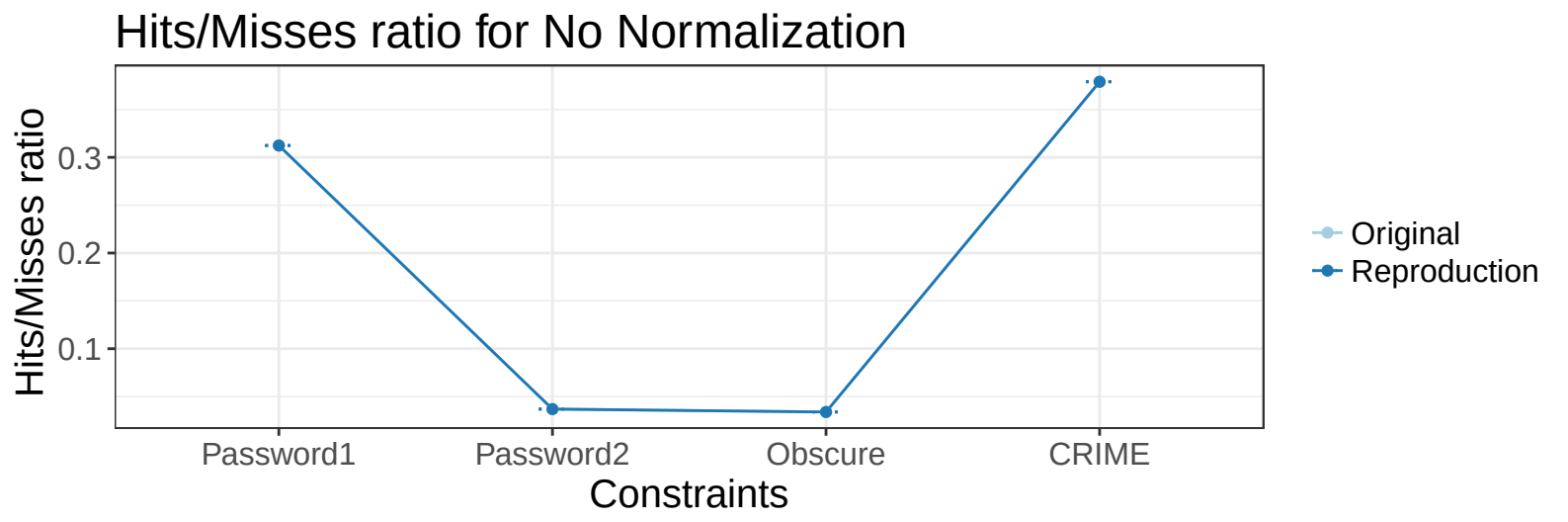

Hits/Misses ratio for Cashew
Hits/Misses ratio
5
4
3
2
1
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction

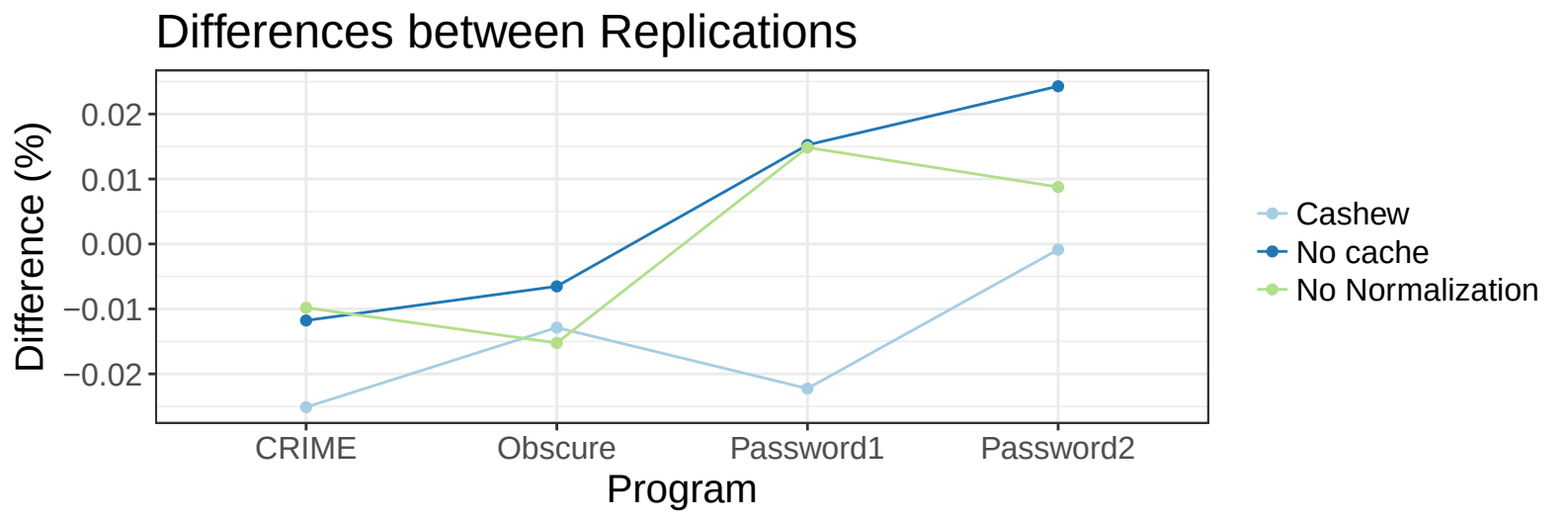

Total time for No cache
Total time (s)
5000
4000
3000
2000
1000
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction

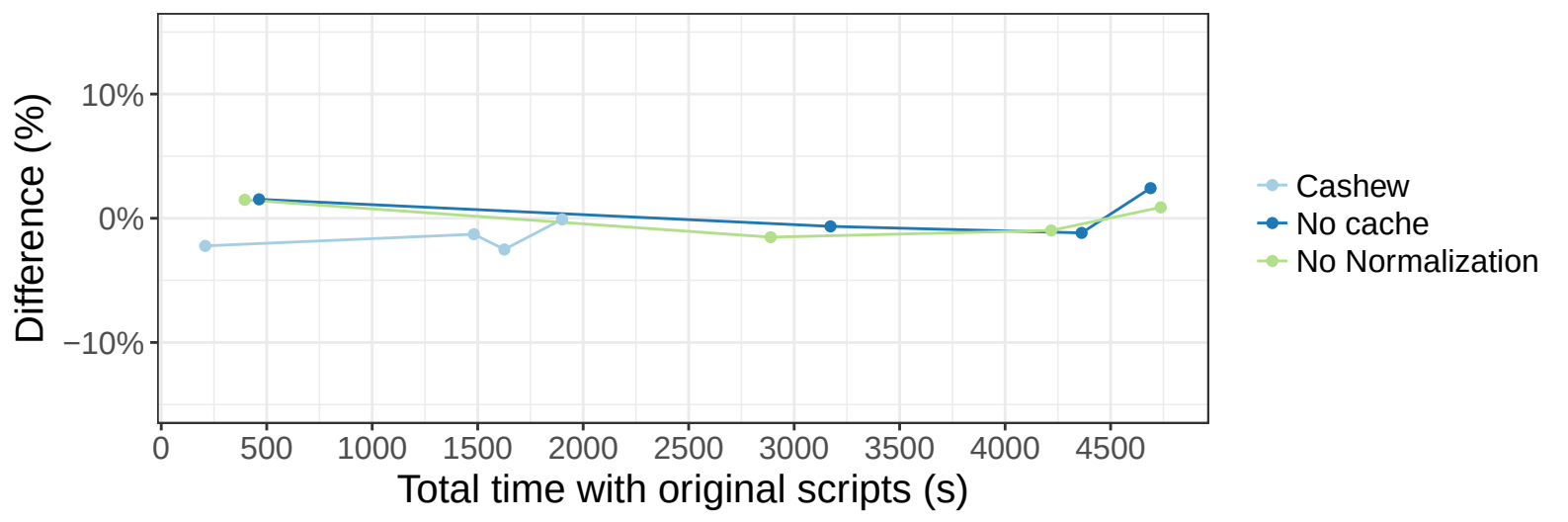

Total time for No Normalization
Total time (s)
4000
3000
2000
1000
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction


Hits for No Normalization
30000
20000
10000
Hits
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction


Misses for No Normalization
8e+05
6e+05
4e+05
2e+05
Misses
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction


Hits/Misses ratio for No Normalization
Hits/Misses ratio
0.3
0.2
0.1
Password1
Password2
Obscure
CRIME
Constraints
Original
Reproduction


Differences between Replications
Difference (%)
0.02
0.01
0.00
−0.01
−0.02
CRIME
Obscure
Password1
Password2
Program
Cashew
No cache
No Normalization


Difference (%)
10%
0%
−10%
0
500
1000
1500
2000
2500
3000
3500
4000
4500
Total time with original scripts (s)
Cashew
No cache
No Normalization