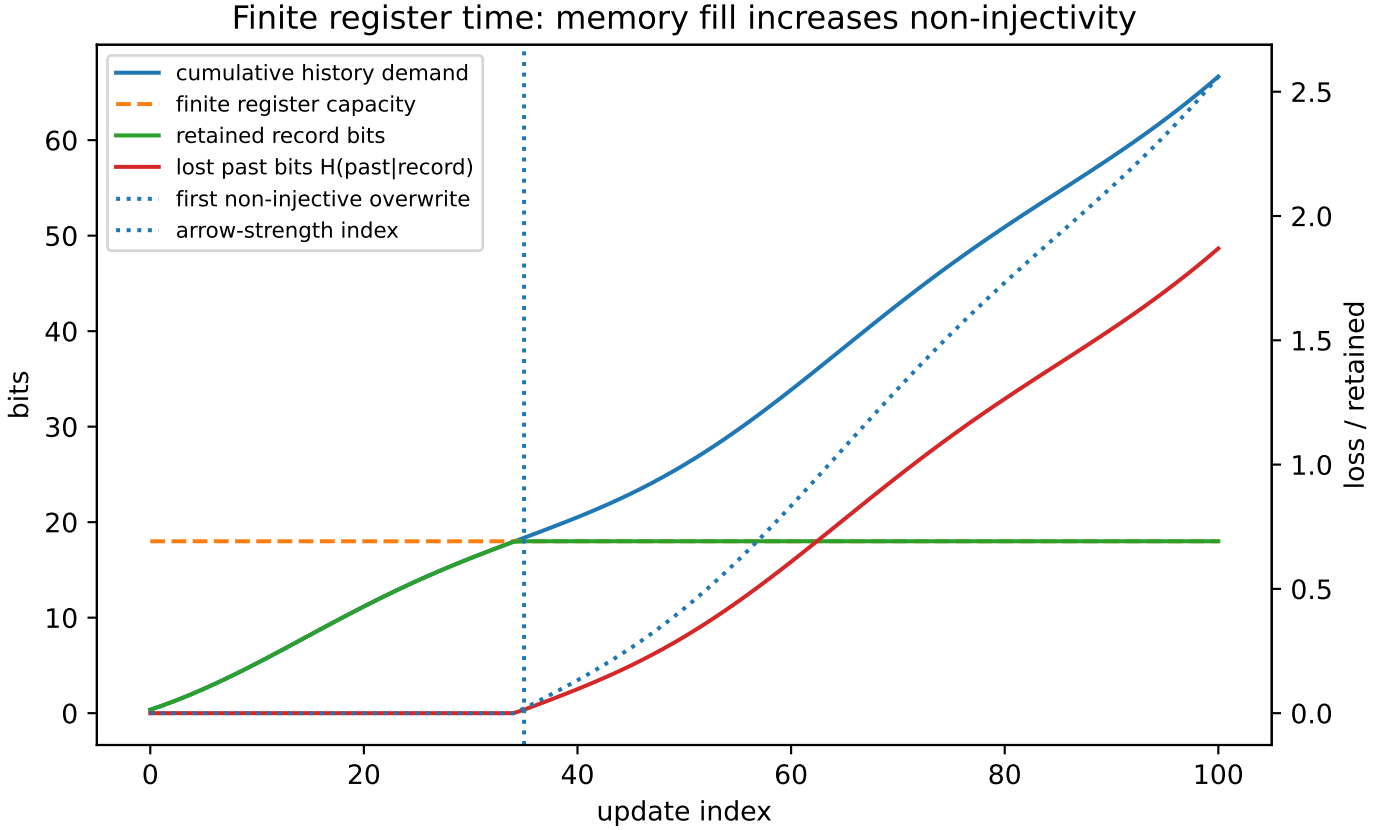

Finite register time: memory fill increases non-injectivity
cumulative history demand
finite register capacity
retained record bits
lost past bits H(past|record)
first non-injective overwrite
arrow-strength index
bits
loss / retained
update index
0
10
20
30
40
50
60
0.0
0.5
1.0
1.5
2.0
2.5
0
20
40
60
80
100