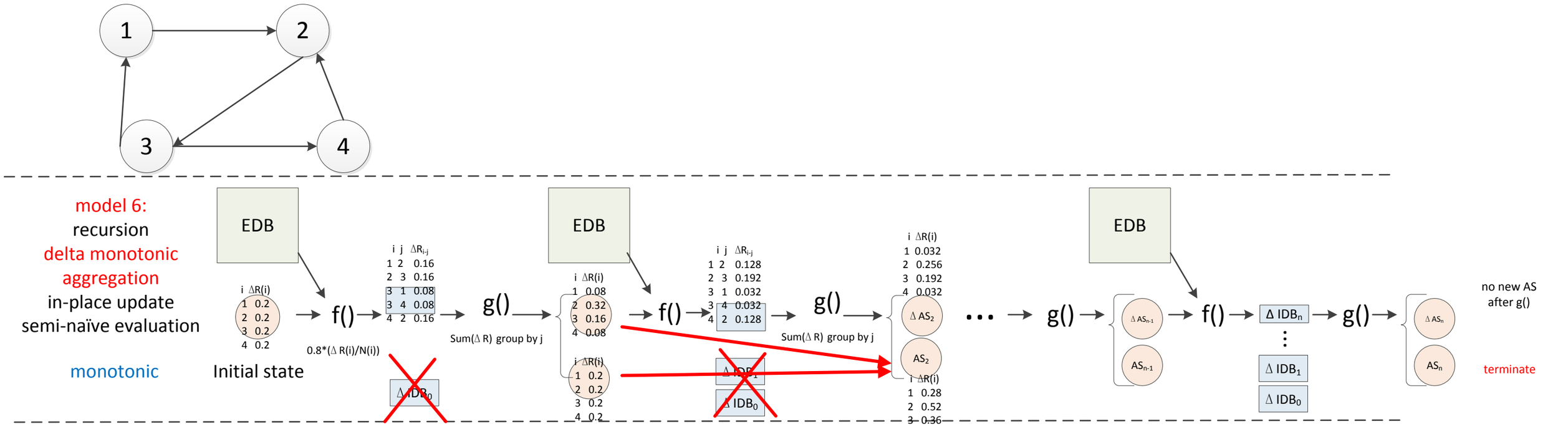
1
2
3
4
model 6:
recursion
delta monotonic
aggregation
in-place update
semi-naïve evaluation
monotonic
EDB
i ΔR(i)
1 0.2
2 0.2
3 0.2
4 0.2
Initial state
f()
0.8*(Δ R(i)/N(i))
i j ΔR_{i-j}
1 2 0.16
2 3 0.16
3 1 0.08
3 4 0.08
4 2 0.16
Δ IDB_0
g()
Sum(Δ R) group by j
EDB
i ΔR(i)
1 0.08
2 0.32
3 0.16
4 0.08
i ΔR(i)
1 0.2
2 0.2
3 0.2
4 0.2
f()
i j ΔR_{i-j}
1 2 0.128
2 3 0.192
3 1 0.032
3 4 0.032
4 2 0.128
Δ IDB_1
Δ IDB_0
g()
Sum(Δ R) group by j
i ΔR(i)
1 0.032
2 0.256
3 0.192
4 0.032
Δ AS_2
AS_2
i ΔR(i)
1 0.28
2 0.52
3 0.36
4 0.28
...
g()
Δ AS_{n-1}
AS_{n-1}
EDB
f()
Δ IDB_n
Δ IDB_1
Δ IDB_0
g()
Δ AS_n
AS_n
no new AS
after g()
terminate