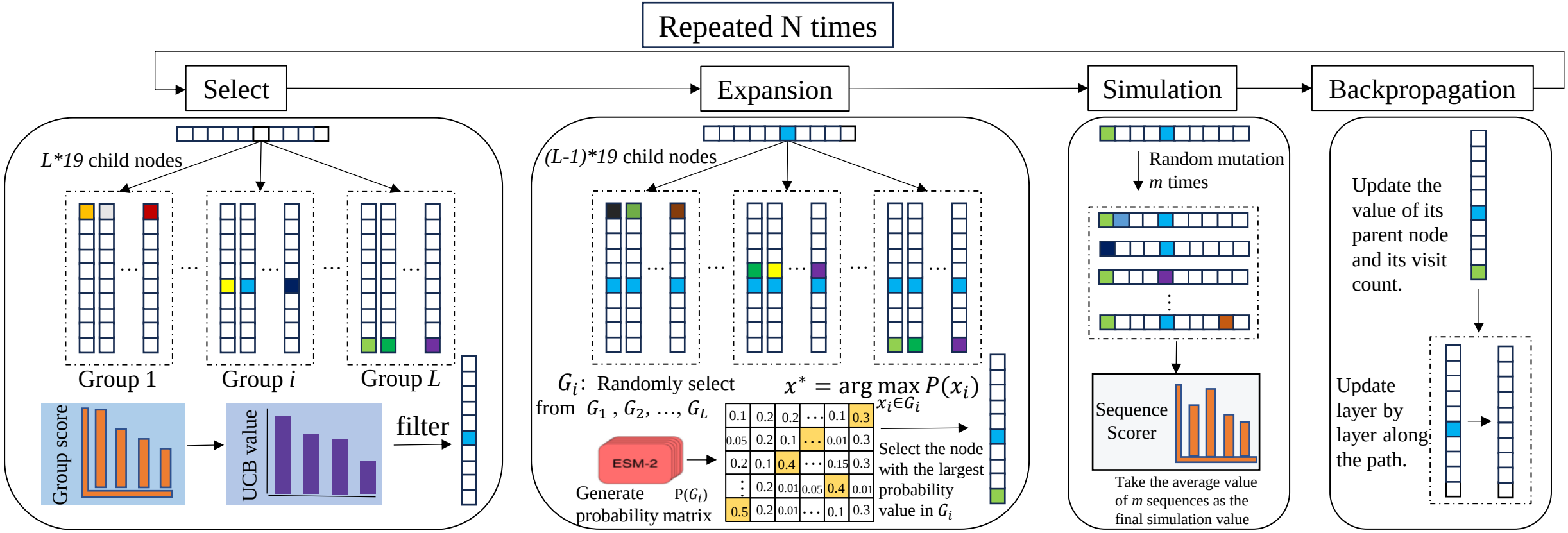
Repeated N times
Select
Expansion
Simulation
Backpropagation
L*19 child nodes
Group 1
Group i
Group L
Group score
UCB value
filter
(L-1)*19 child nodes
G_i: Randomly select from G_1 , G_2, …, G_L
$x^* = \arg\max_{x_i \in G_i} P(x_i)$
ESM-2
Generate probability matrix
P(G_i)
Select the node with the largest probability value in G_i
Random mutation
m times
Sequence Scorer
Take the average value of m sequences as the final simulation value
Update the value of its parent node and its visit count.
Update layer by layer along the path.