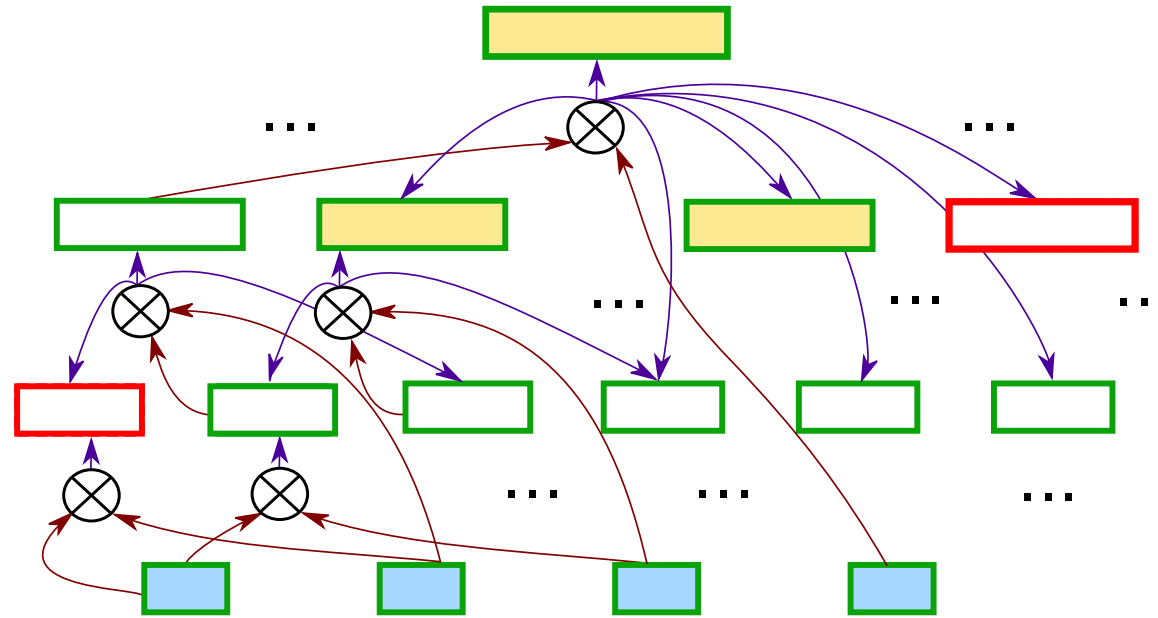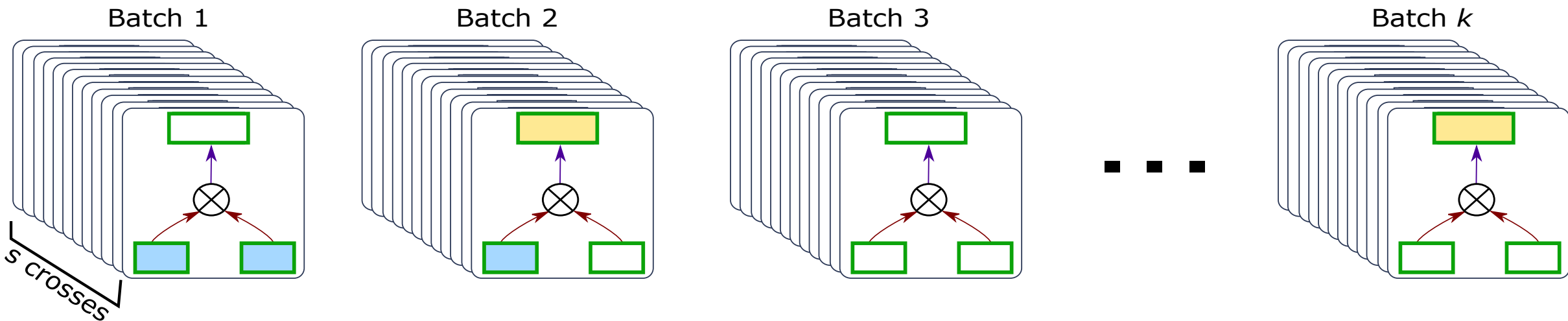**Inputs:** Source Mutants (S), Target mutants (T), k, s, Genetic cross graph (G)

Outputs: Crosses for k batches, each of size s

Batch 1   Batch 2   Batch 3   Batch k

s crosses

Objective: Maximize the number of target mutants that are made in k batches