Ancestral Reconstruction: Fitch’s Algorithm

Run Fitch’s algorithm on the example trees below to obtain assignments of bases to ancestral nodes.

• Example 0:

![Tree Diagram for Example 0]

• Example 1:

![Tree Diagram for Example 1]
Dynamic Programming Version: Sankoff’s Algorithm

Run Sankoff’s algorithm on the example trees below to obtain assignments of bases to ancestral nodes.

- **Example 0:**

- **Example 1:**