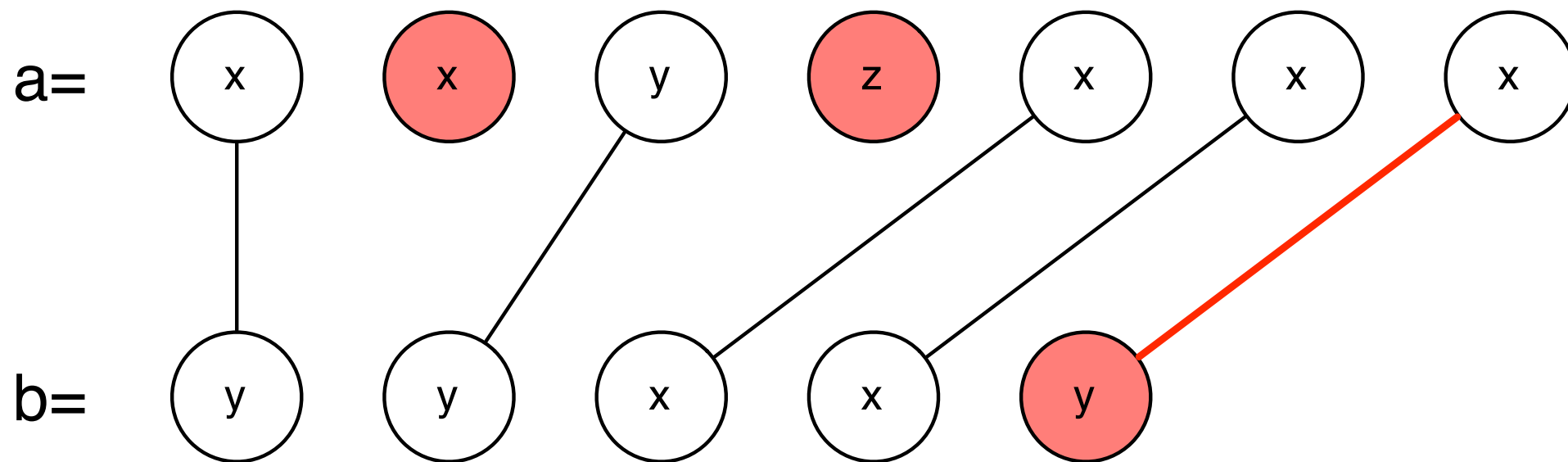


Another View: Alignment as a Matching

Each string is a set of nodes, one for each character.

Looking for a low-cost matching (pairing) between the sequences.



Cost of a matching is:

$$\text{gap} \times \#unmatched + \sum_{(a_i, b_j)} \text{cost}(a_i, b_j)$$

Edges are not allowed to cross!