

Efficient Inference in Phylogenetic InDel Trees

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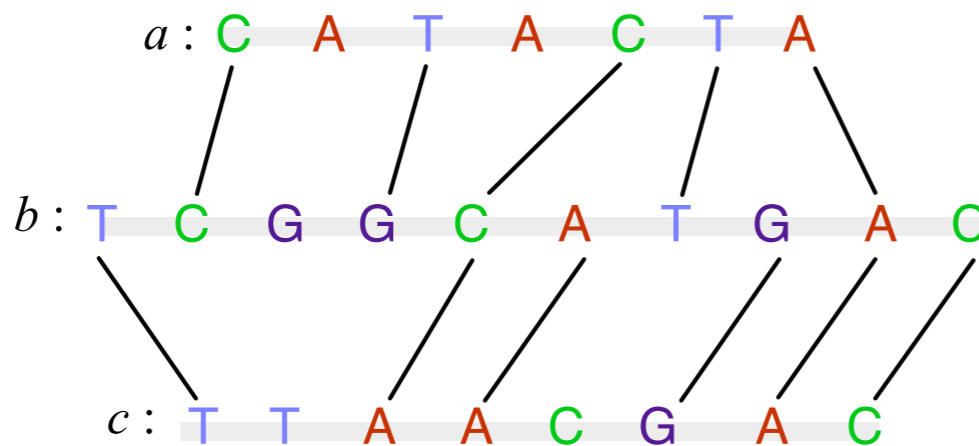
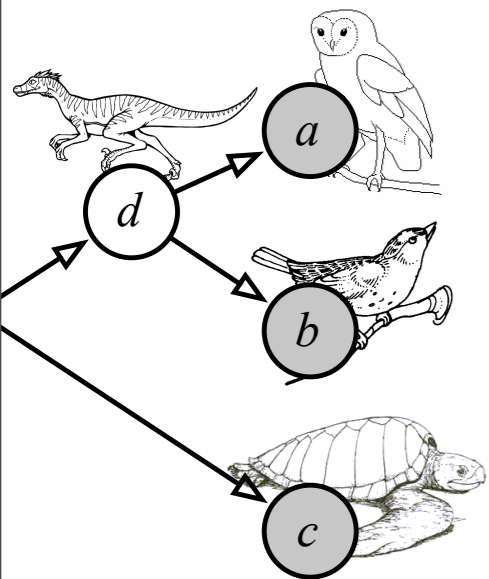
Michael I. Jordan

Dan Klein

Task: Inference in realistic evolutionary models

Applications:

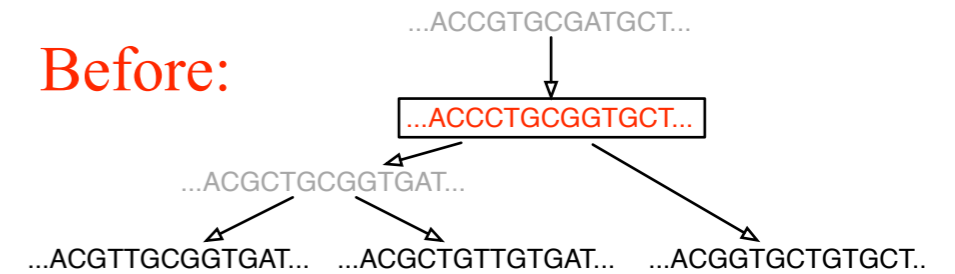
- Multi-alignment
- Ancestral sequence reconstruction



a:	?	C	?	A	T	A	?	C	?	T	?	?	A	?
d:	?	?	?	?	?	?	?	?	?	?	?	?	?	?
b:	T	C	G	?	G	?	?	C	A	T	?	G	A	C
c:	T	?	?	?	?	?	T	A	A	?	C	G	A	C

Poster : M15

Before:



After:

