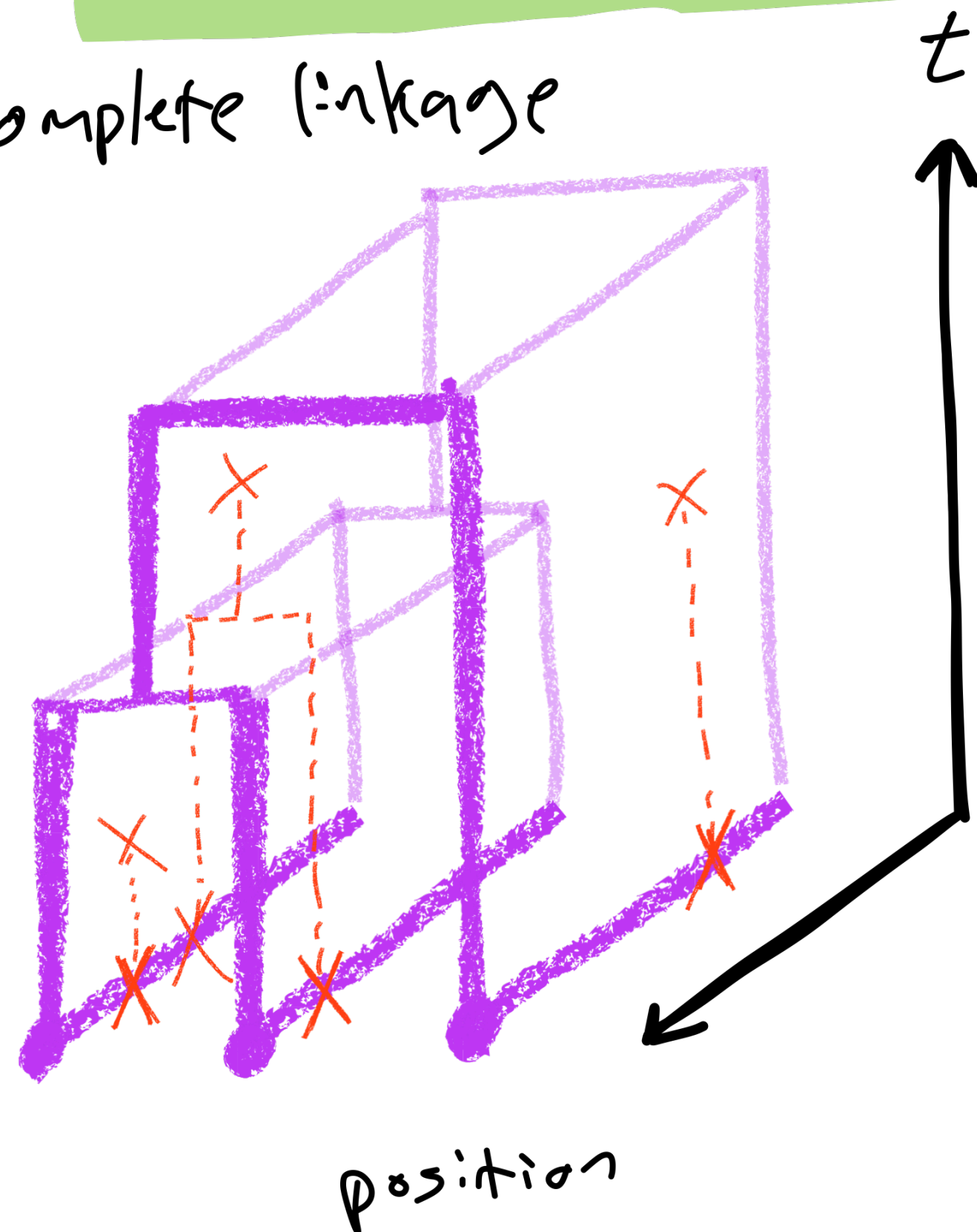


The coalescent with recombination

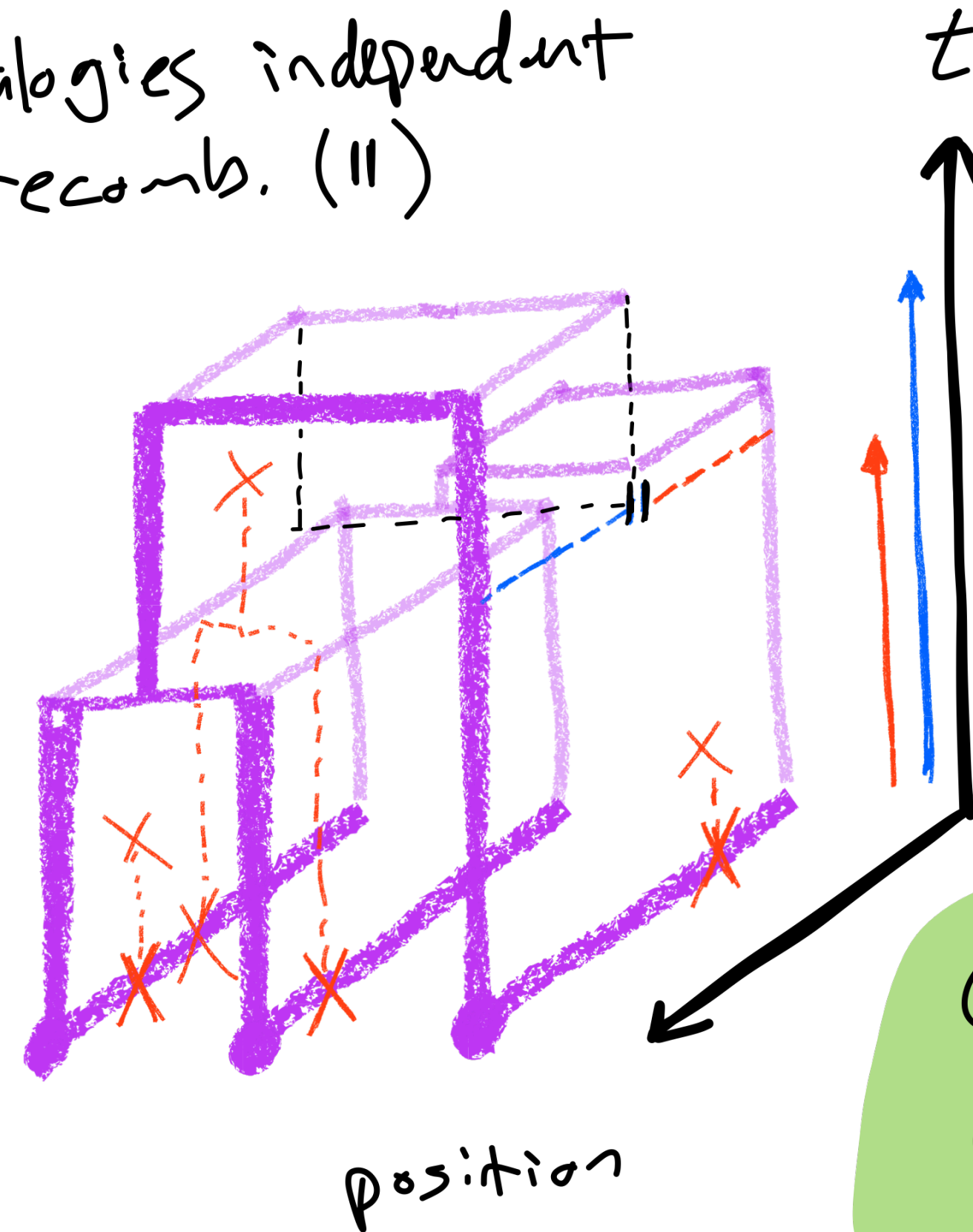
Without recombination:
coalescences and mutations

complete linkage



With recombination:
add Poisson recombination events!

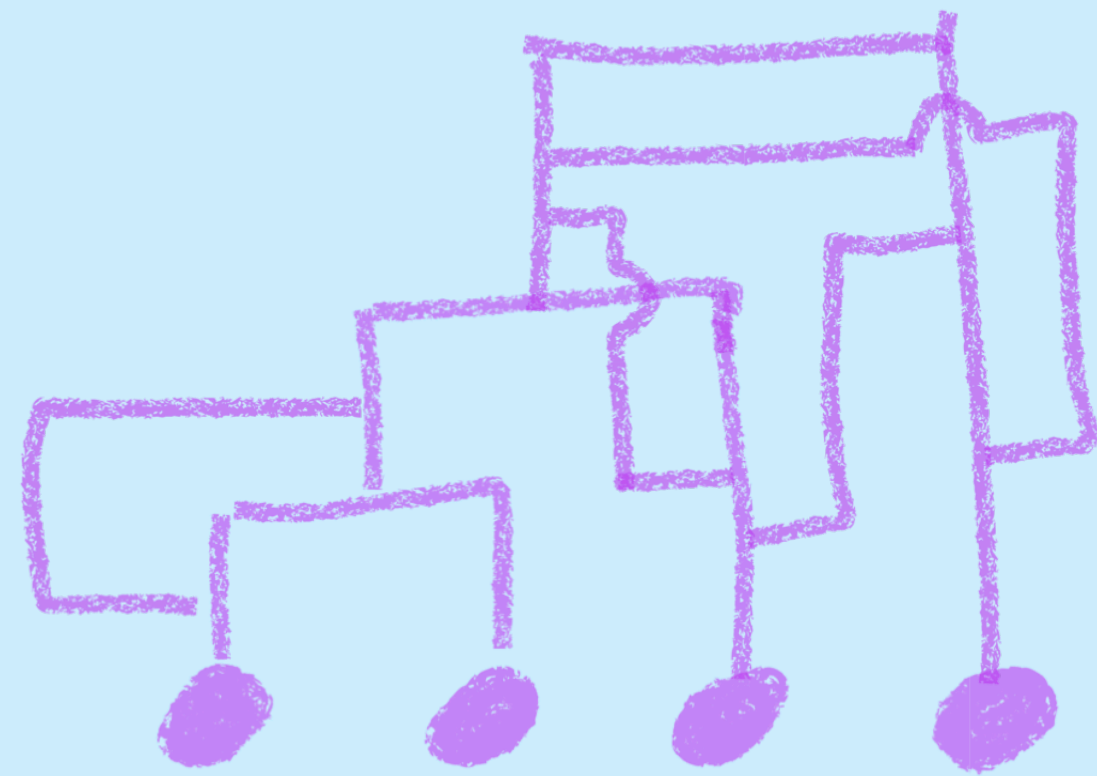
Genealogies independent
above recomb. (II)



Genealogies
decorrelate
(sample different
 T_{MRCA})

Question: does this
change $E[S]$, $E[\pi]$,
 $E[Z_i]$?

THE ANCESTRAL



RECOMBINANTION
GRAPH

"ARG"