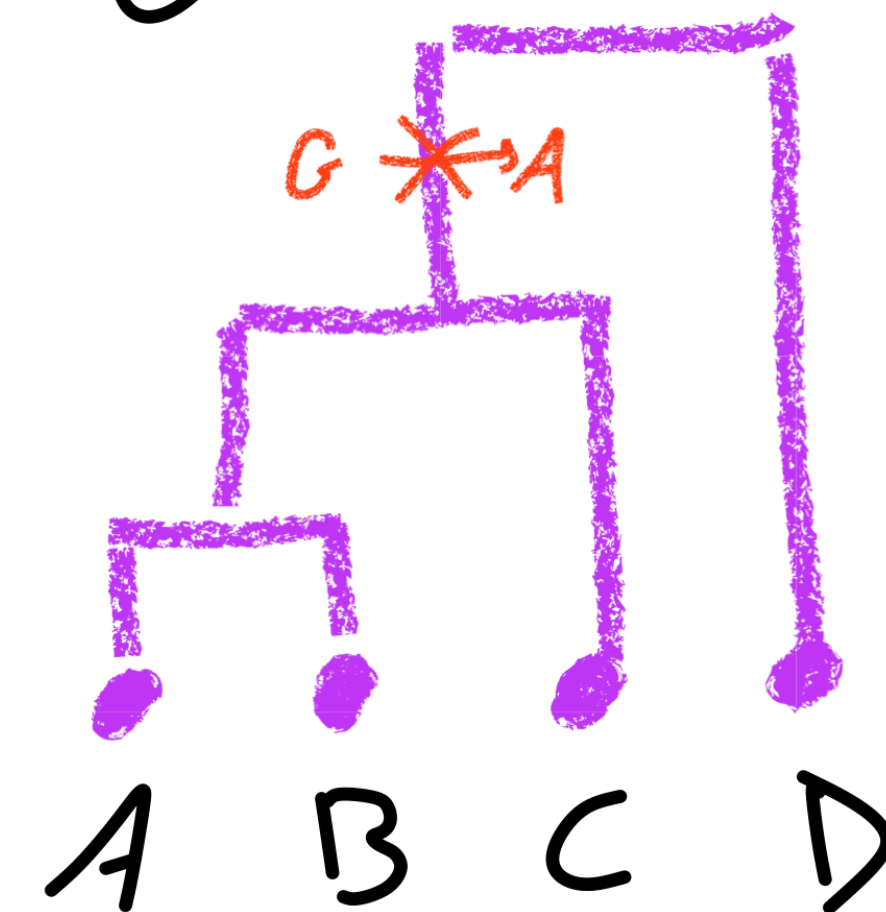
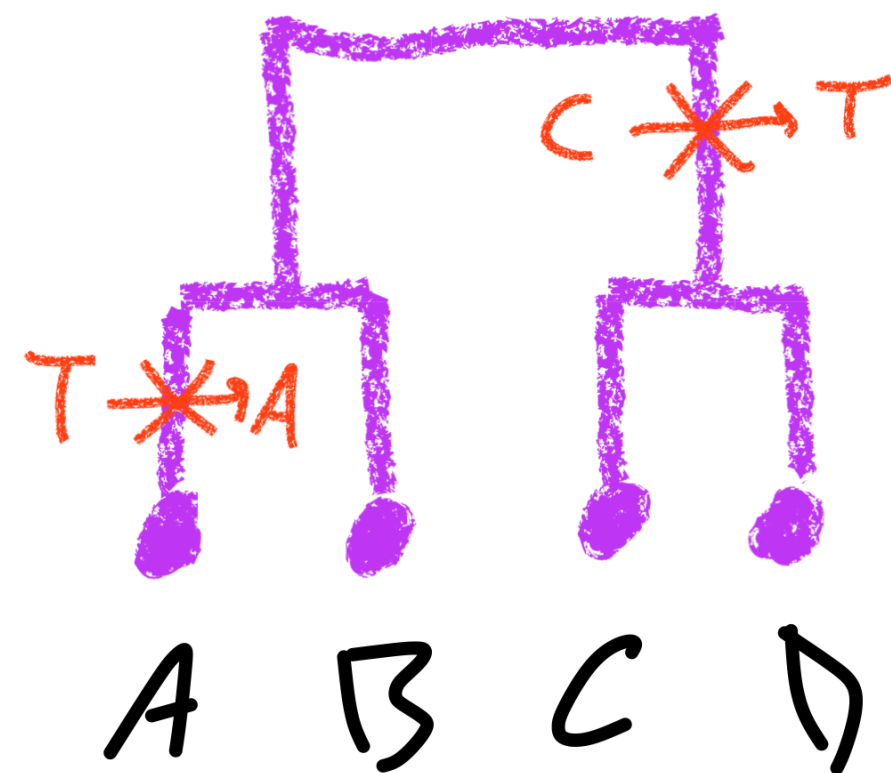


A sequence of trees

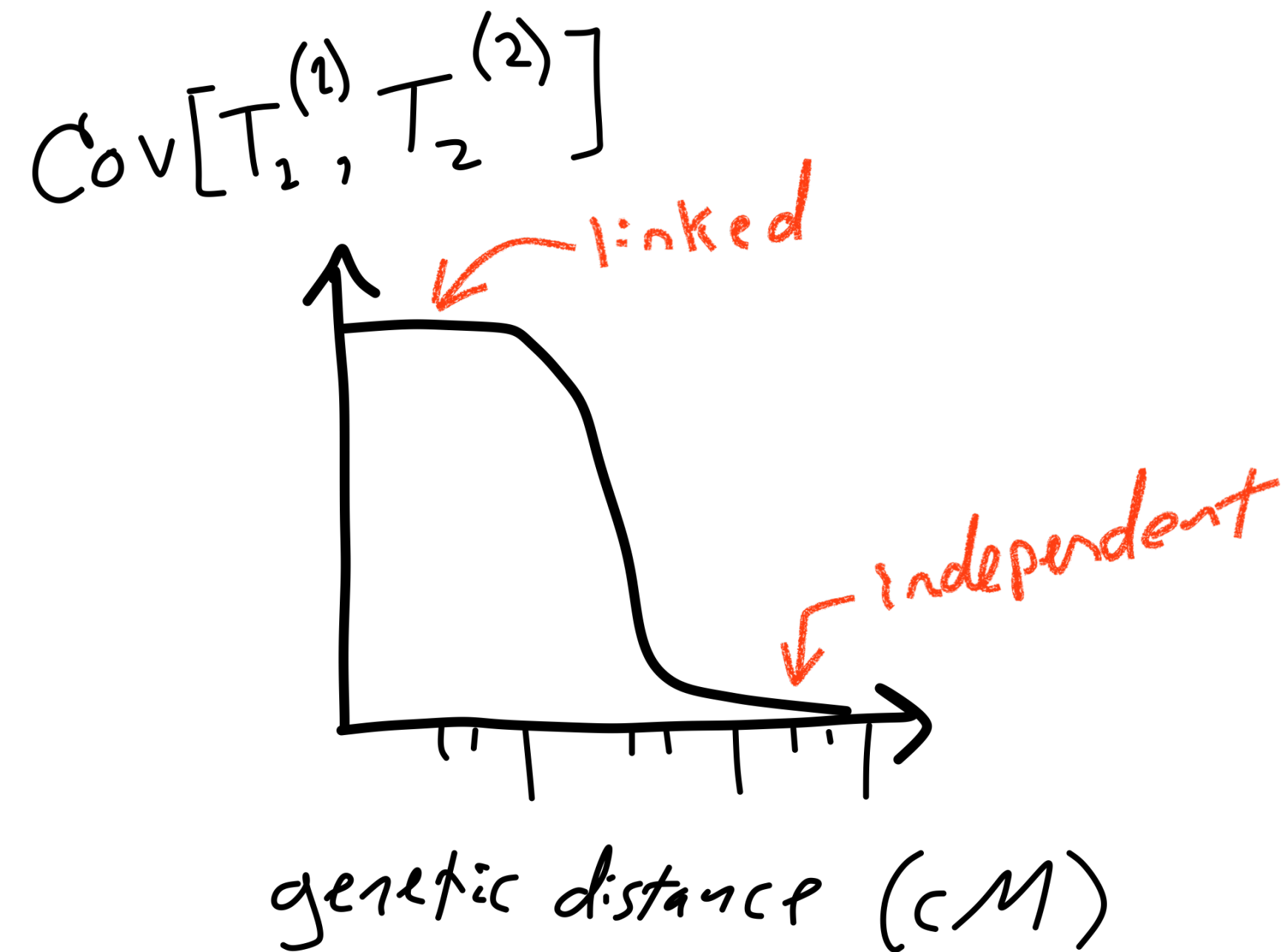
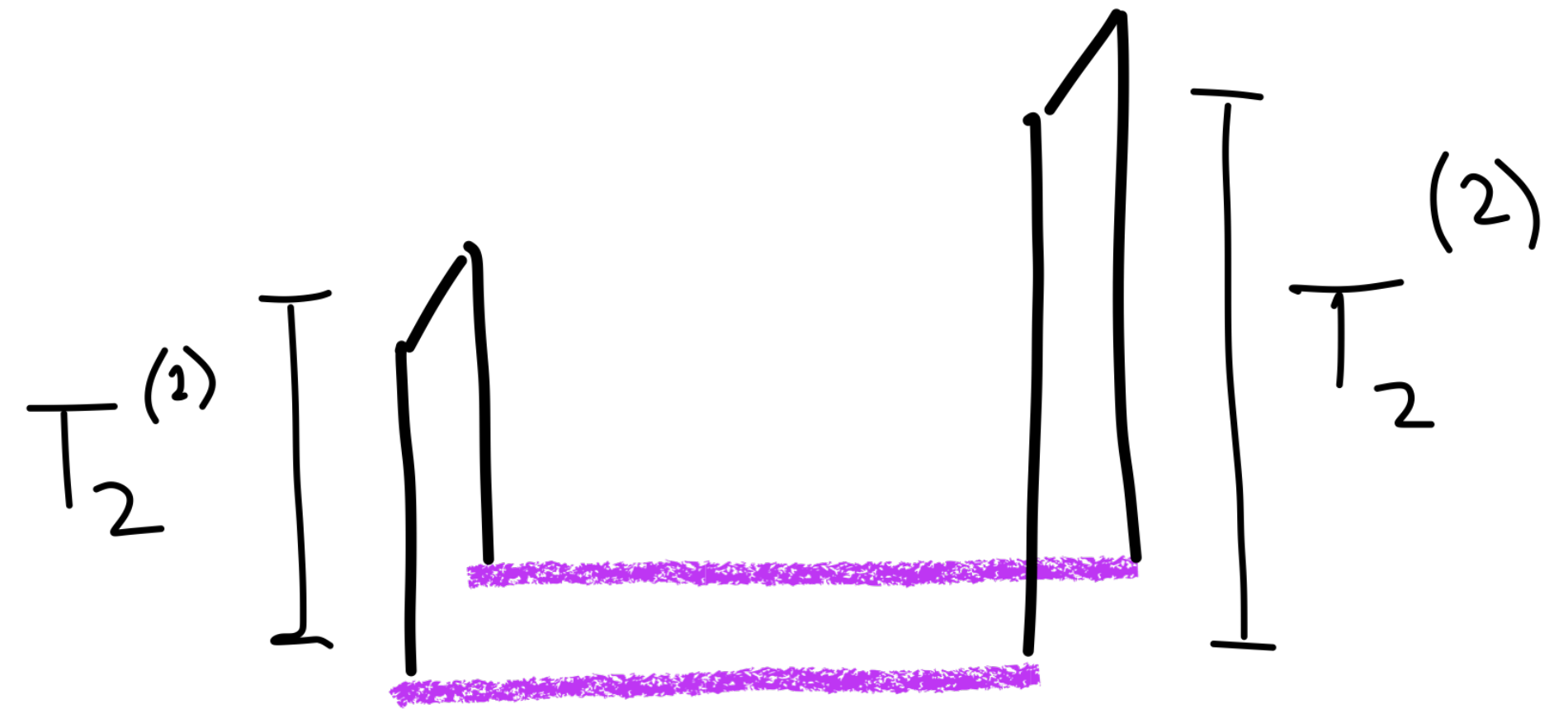
A	...	C	...	A	...	//	...	A	...
B	...	C	...	T	...	//	...	A	...
C	...	T	...	T	...	//	...	A	...
D	...	T	...	T	...	//	...	G	...



...

Decay of linkage

Larger genetic distance
 \Rightarrow recombination more likely



Deeper coalescence
 \Rightarrow shorter span

$$X/t \sim \exp(4Nr t)$$

↑ genetic dist. to recomb. ↑ recombination rate

A diagram of a coalescent tree with a horizontal line at the bottom highlighted in purple. The y-axis is labeled T_{MRCA} .