

During reproduction their genes recombine in their offspring

Figure 1: A graphic demonstration the basic principles of recombination during reproduction using a red and blue genome

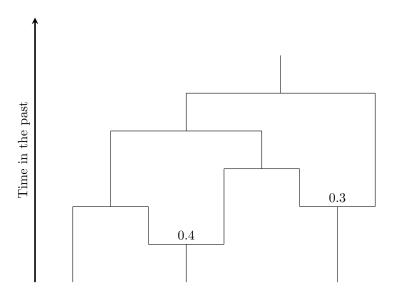


Figure 2: A simple ARG with three leaf nodes, two recombination events and four coalescent events that coalesce to a single branch in the past