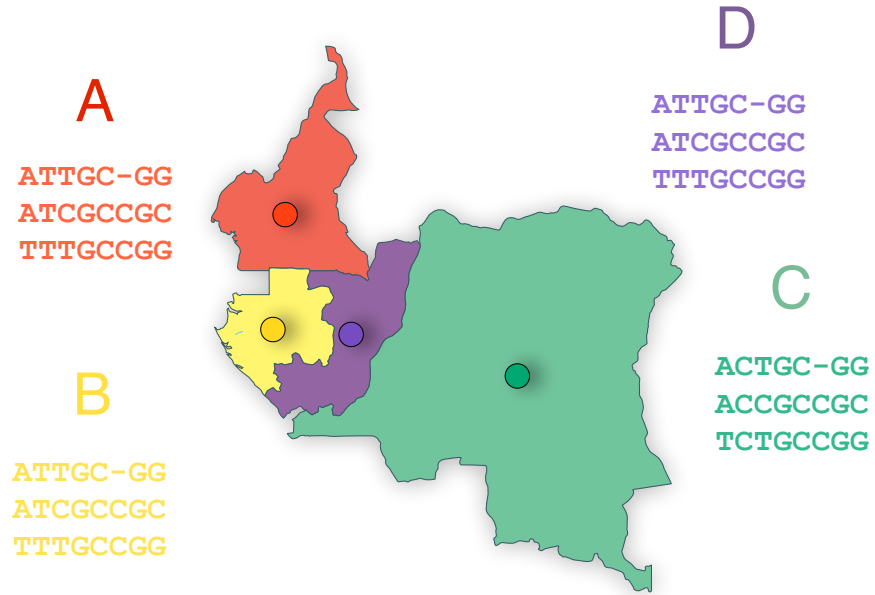
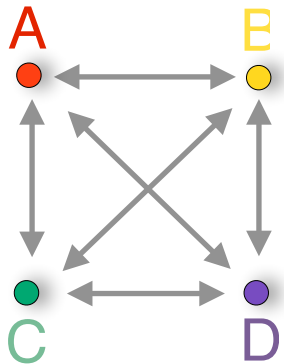


Discrete Phylogeography



Continuous-time Markov chain



Location-exchange rate matrix

	A	B	C	D	
-	$\alpha\pi_b$	$\beta\pi_c$	$\gamma\pi_d$		A
$\eta\pi_a$	-	$\delta\pi_c$	$\epsilon\pi_d$		B
$\theta\pi_a$	$\kappa\pi_b$	-	$\zeta\pi_d$		C
$\iota\pi_a$	$\lambda\pi_b$	$\mu\pi_c$	-		D

Ancestral reconstruction

