

First Locus

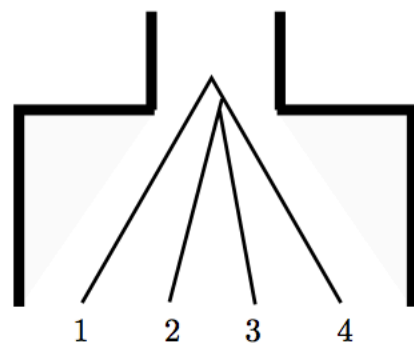
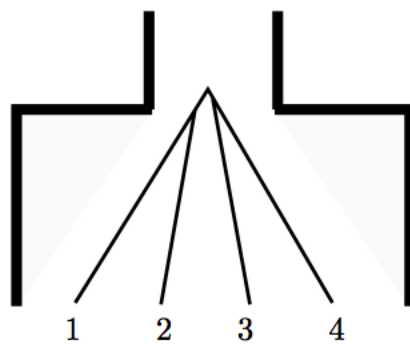
Second Locus

(a)

Population Growth:

Small  $\text{Var}[S]$ 

Excess low frequency SNPs

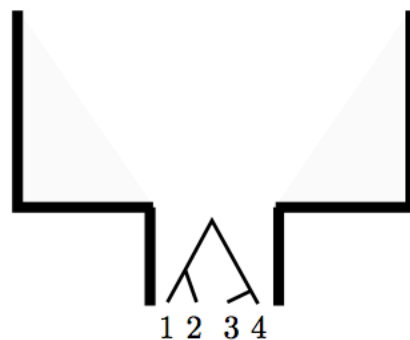


(b)

Population Decline:

Large  $\text{Var}[S]$ 

Excess middle frequency SNPs

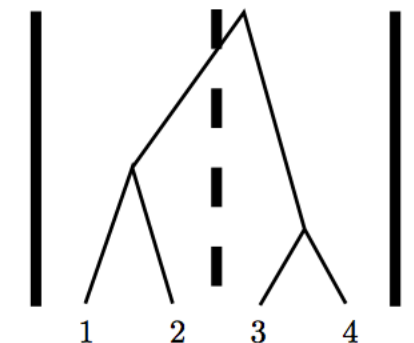
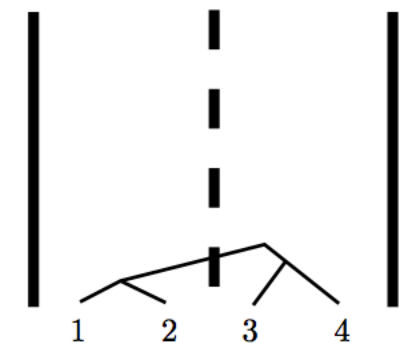


(c)

Subdivision with Migration:

Large  $\text{Var}[S]$ 

Excess middle\* frequency SNPs



(d)

Complete Isolation:

Small  $\text{Var}[S]$ 

Excess middle\* frequency SNPs

