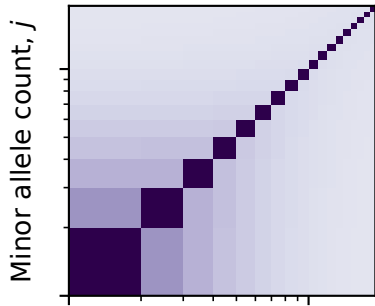
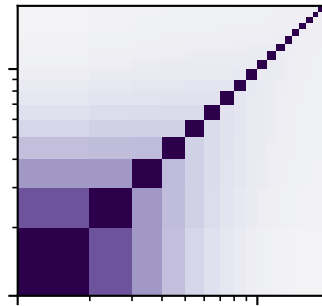


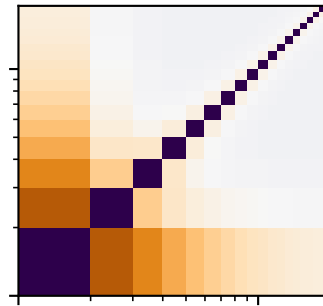
Kingman coalescent



Exponential growth

Minor allele count,  $i$ 

Beta coalescent

Weighted  
 $fpmi_{ij}$ 