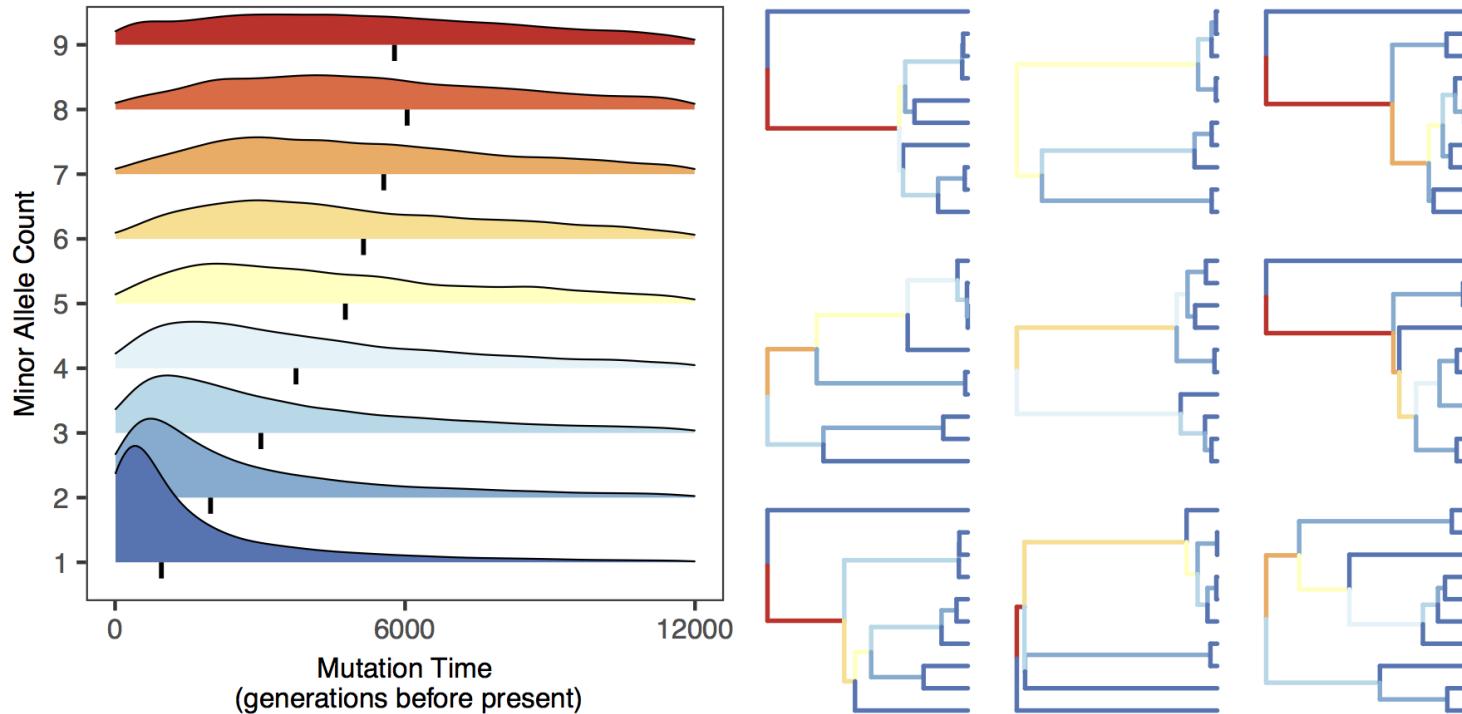


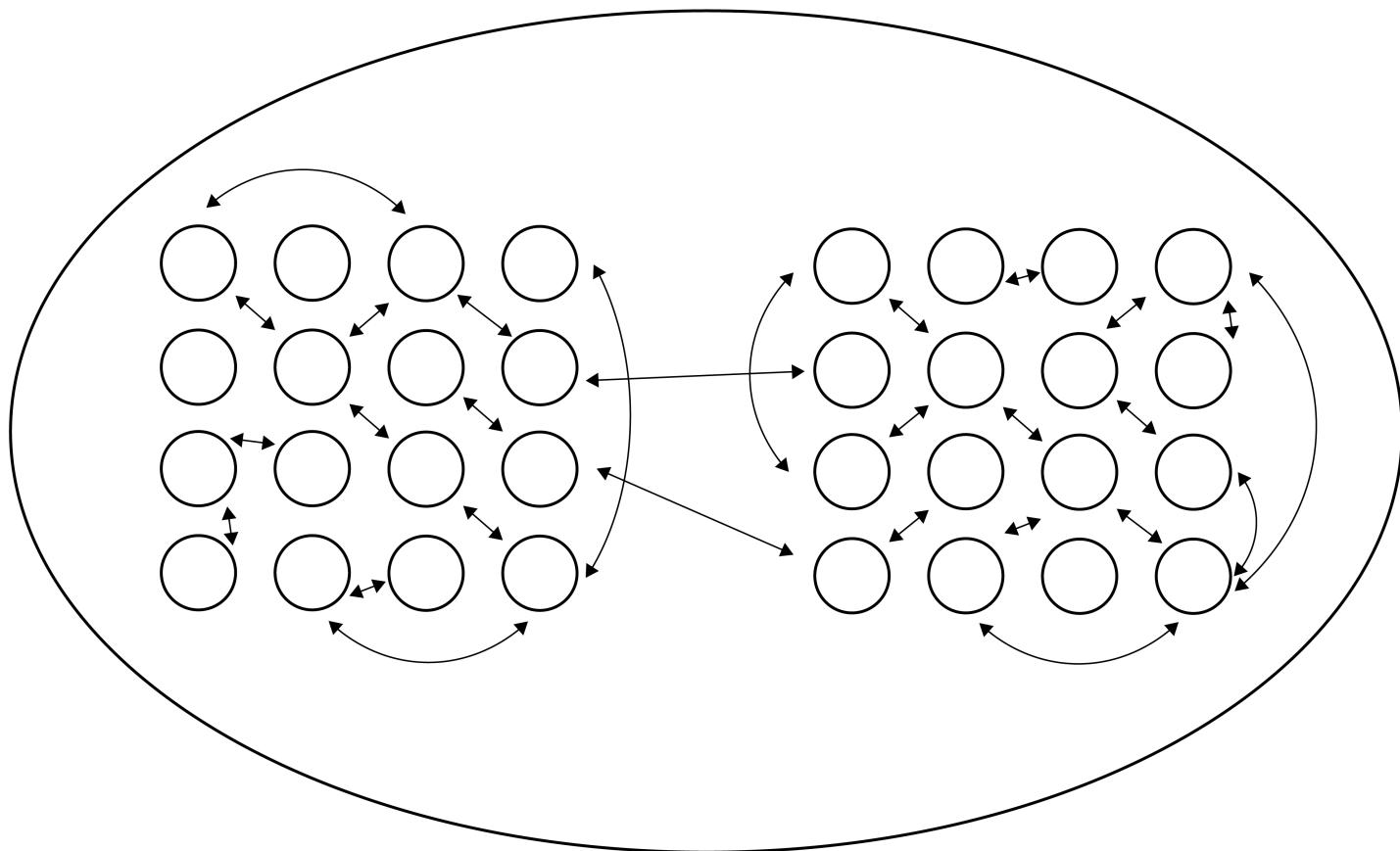
# One weird trick to break structure

*Derived allele frequencies and the accurate inference of ancestry*

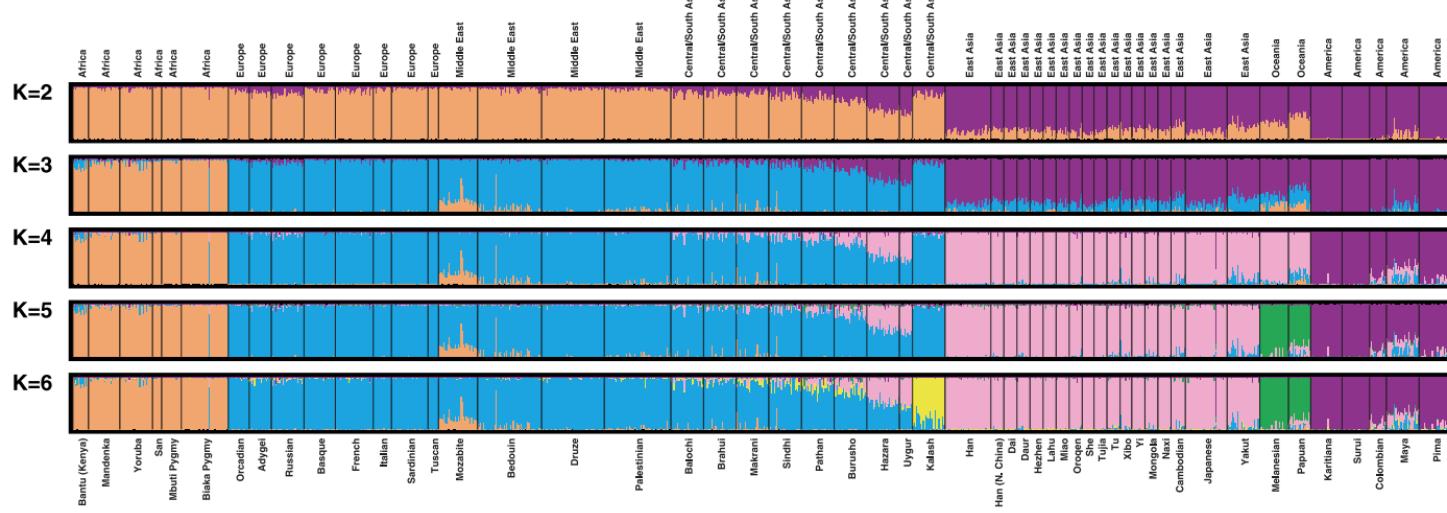


Ethan Linck and CJ Battey



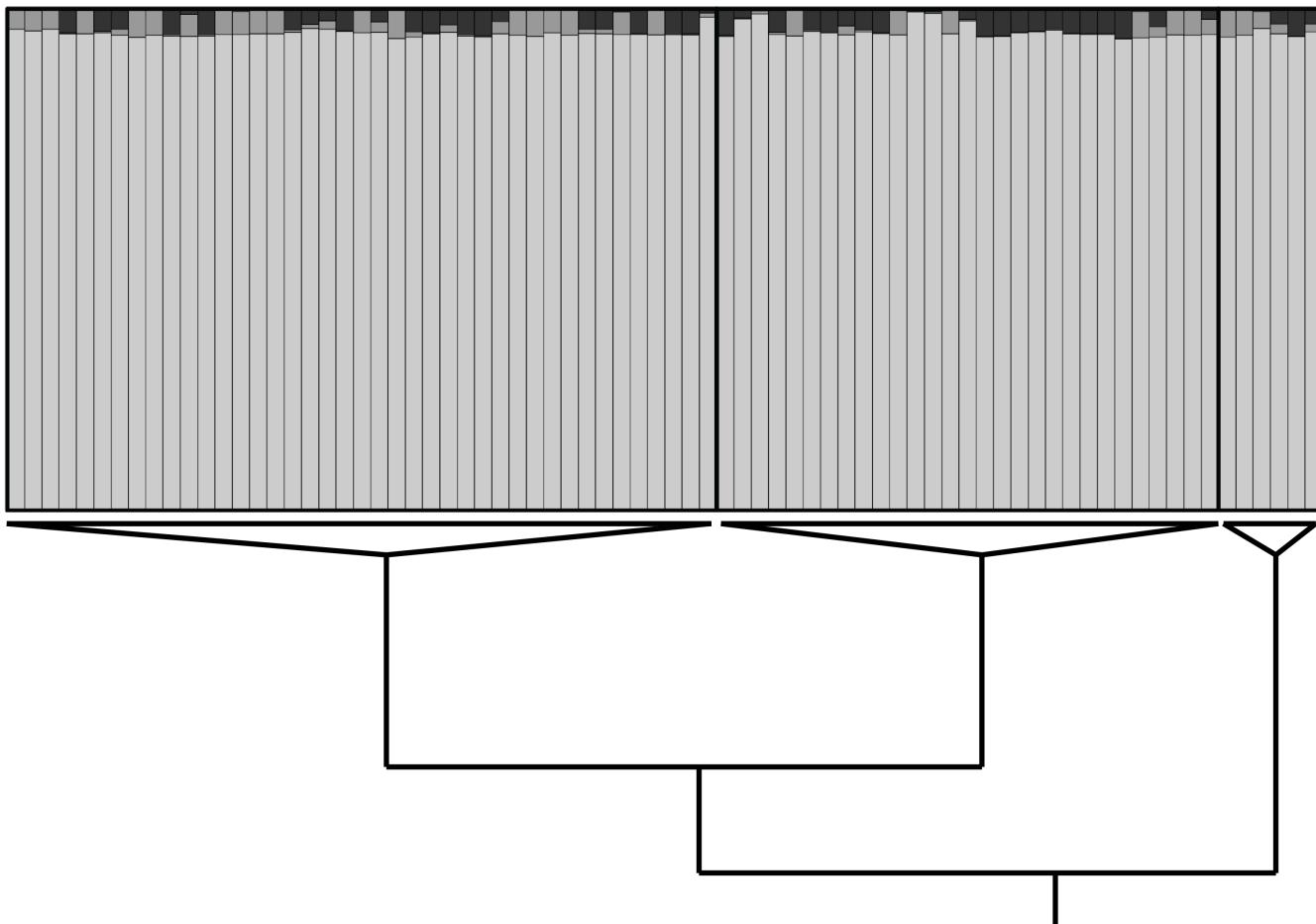






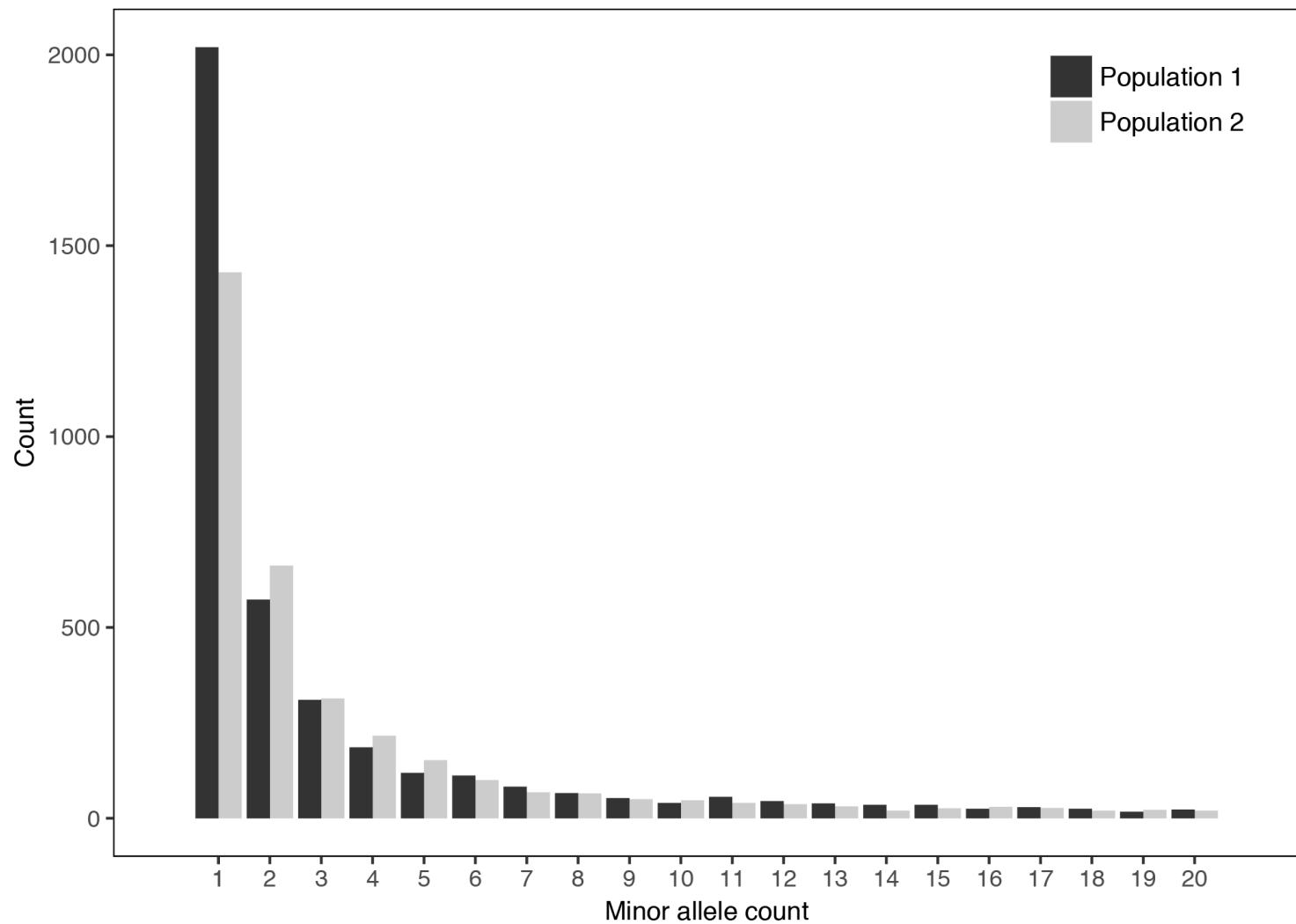
(Rosenberg et al. 2002)



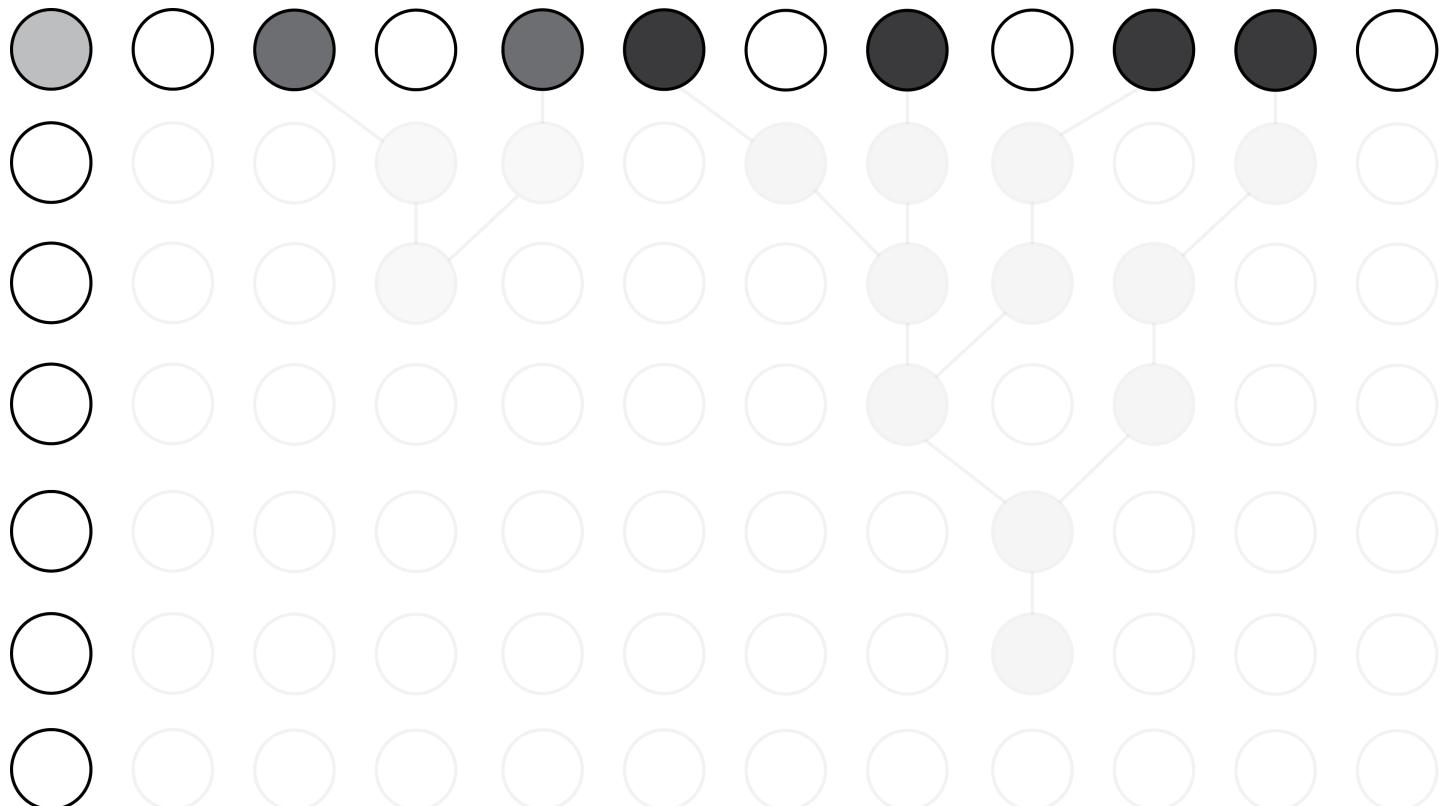


(adapted, Mason and Taylor 2015)

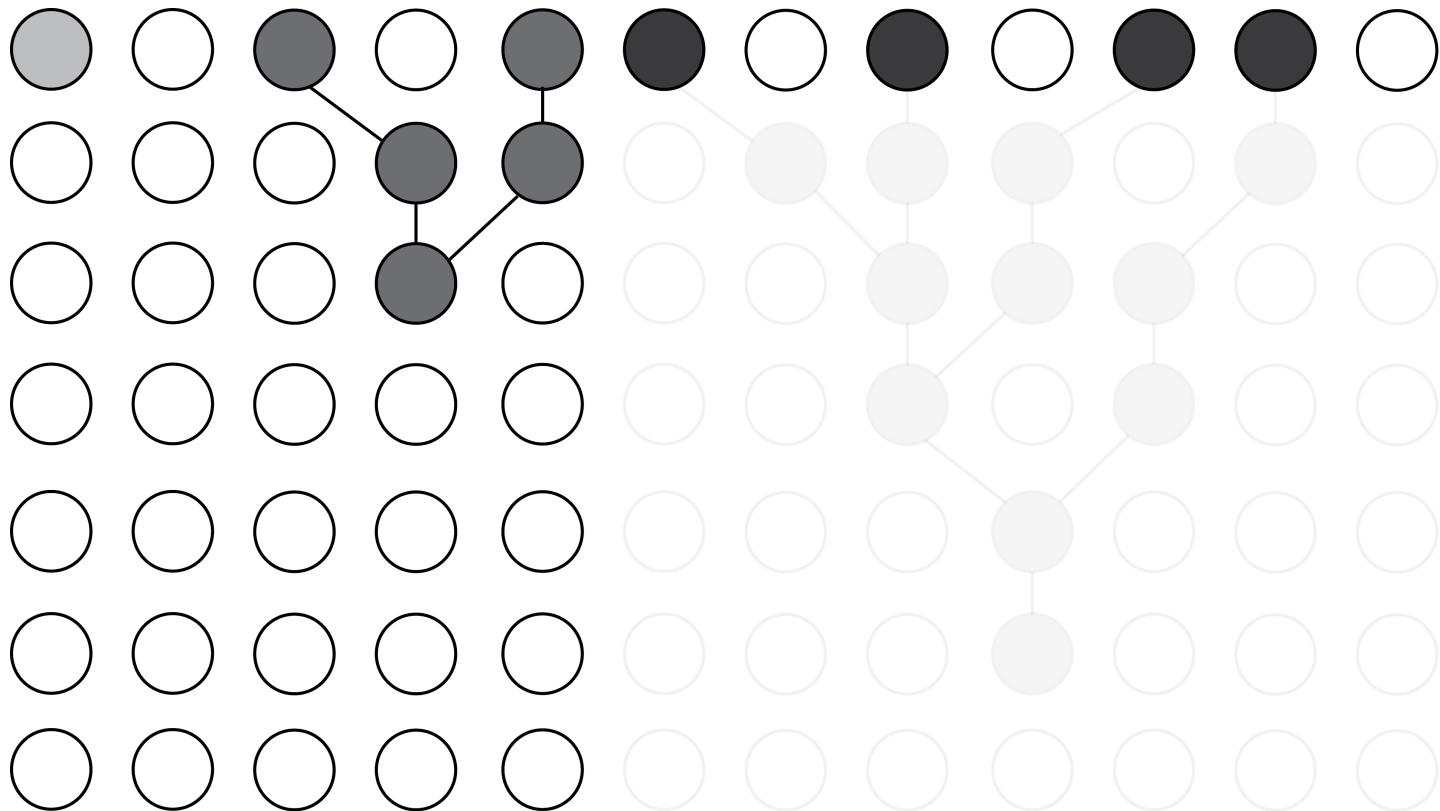




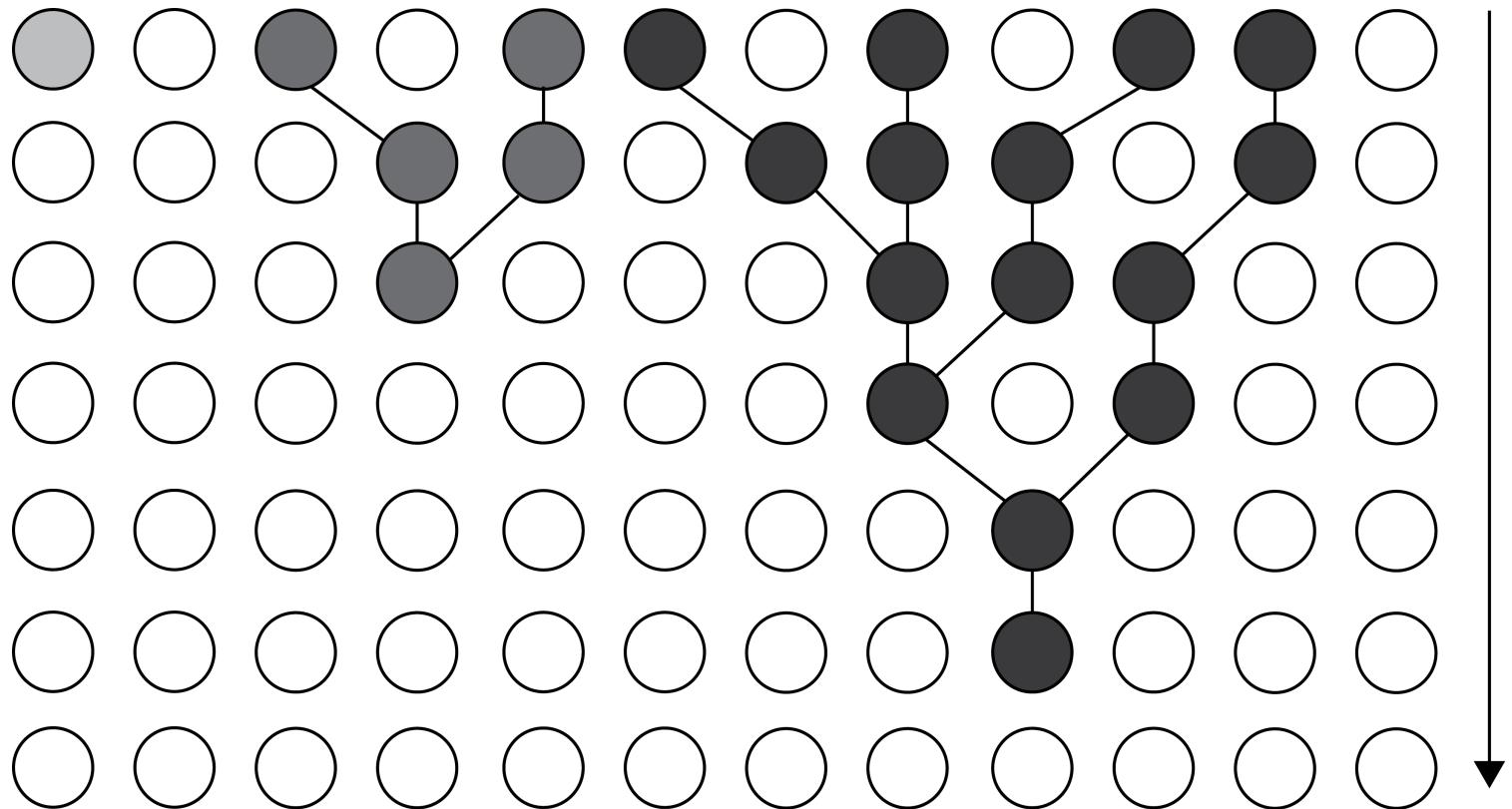




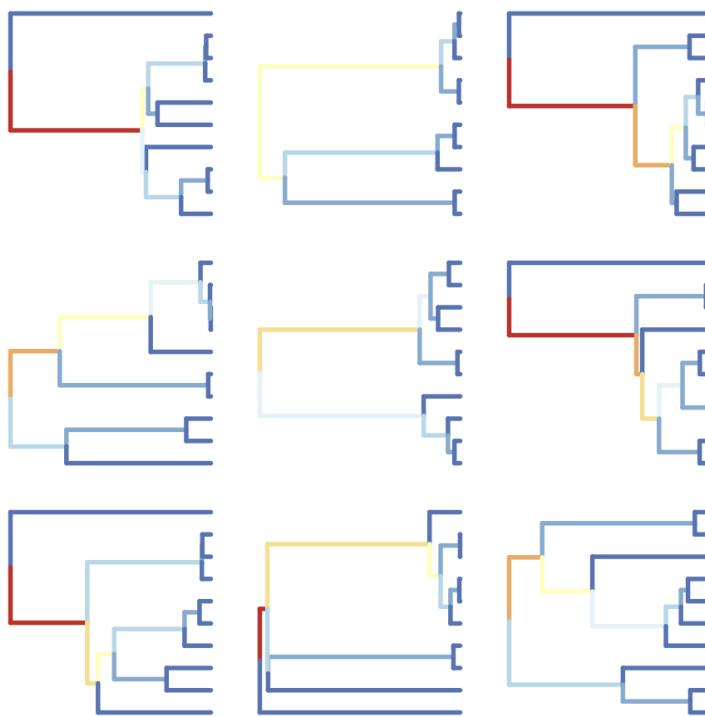
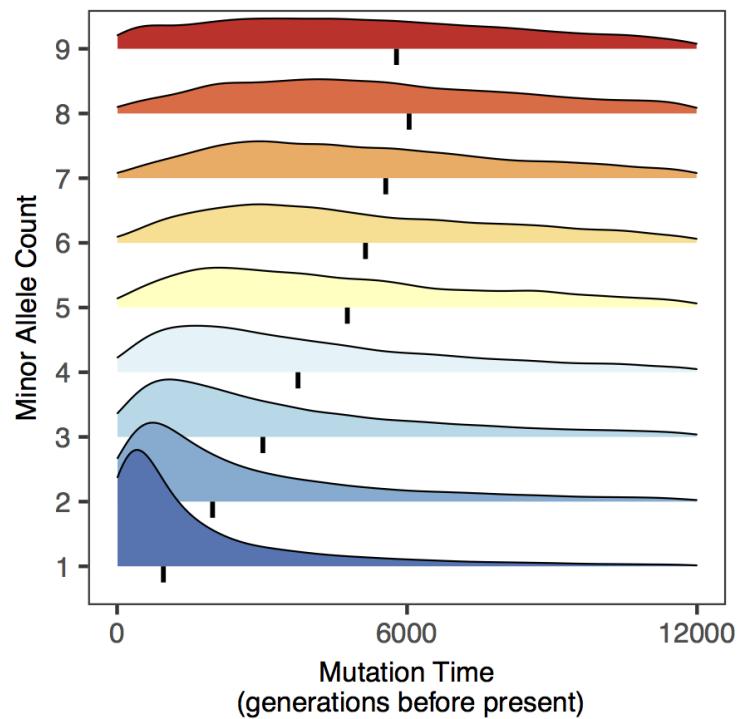












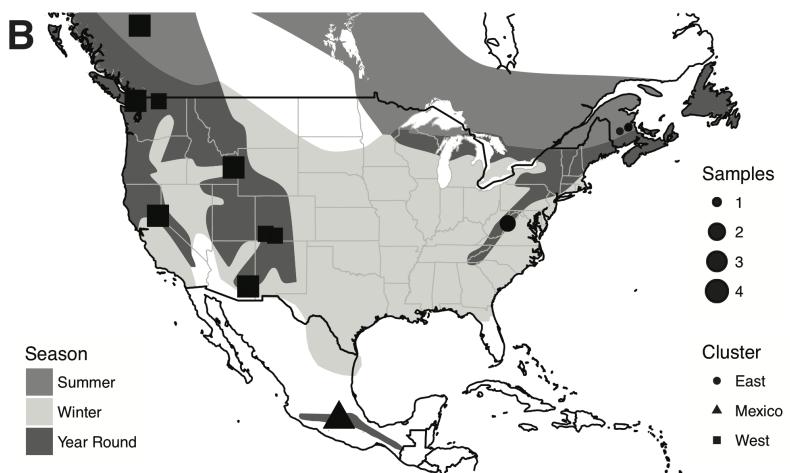
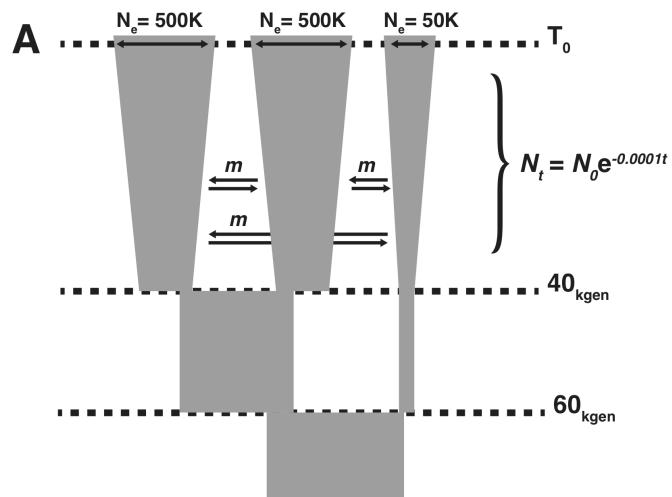


**Can we break *structure*?**

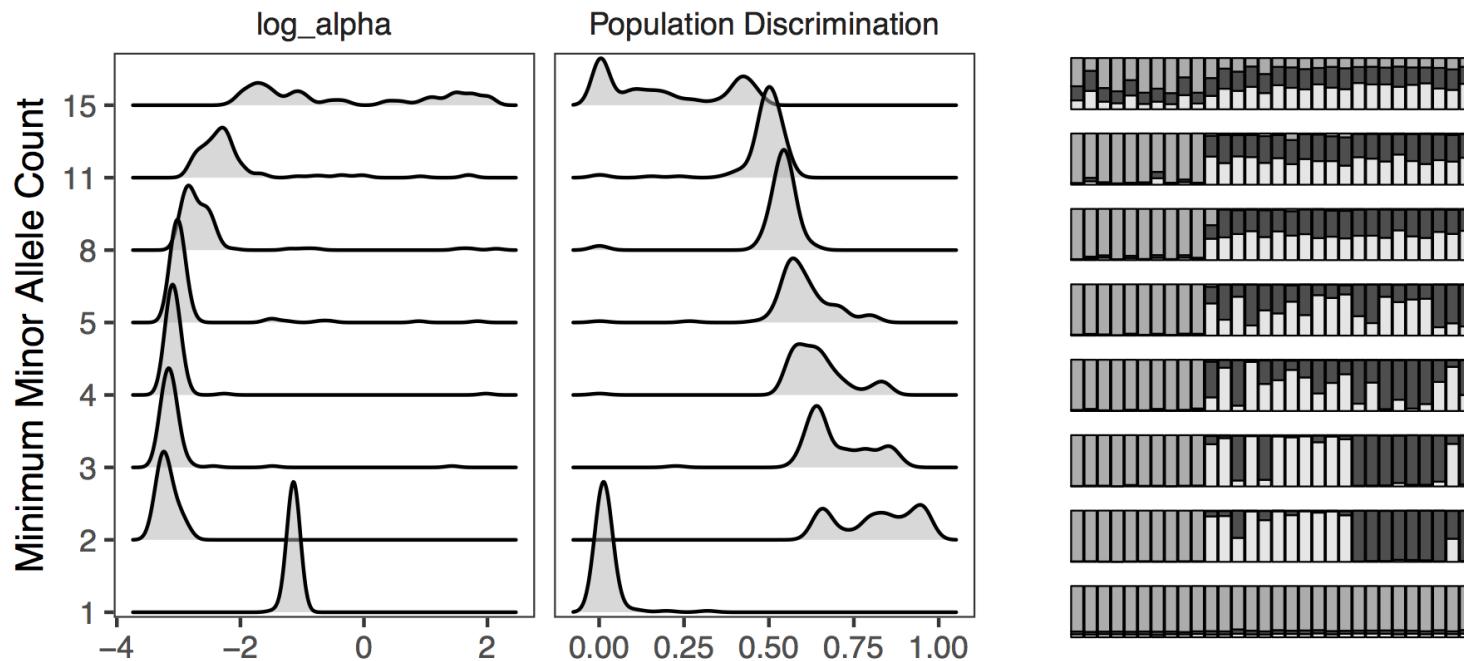
**Can we break *structure*?**

**Can we learn anything from breaking it?**

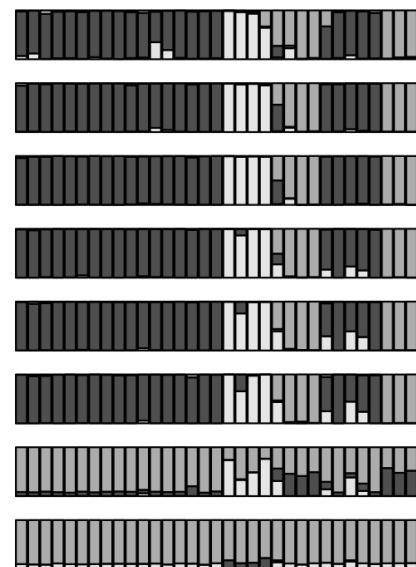
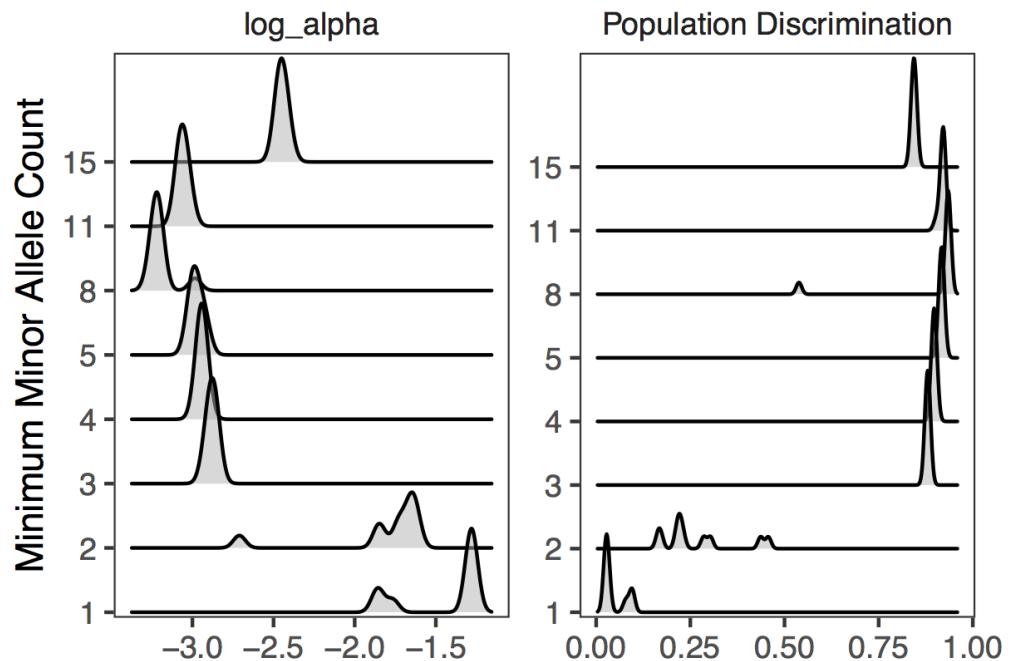




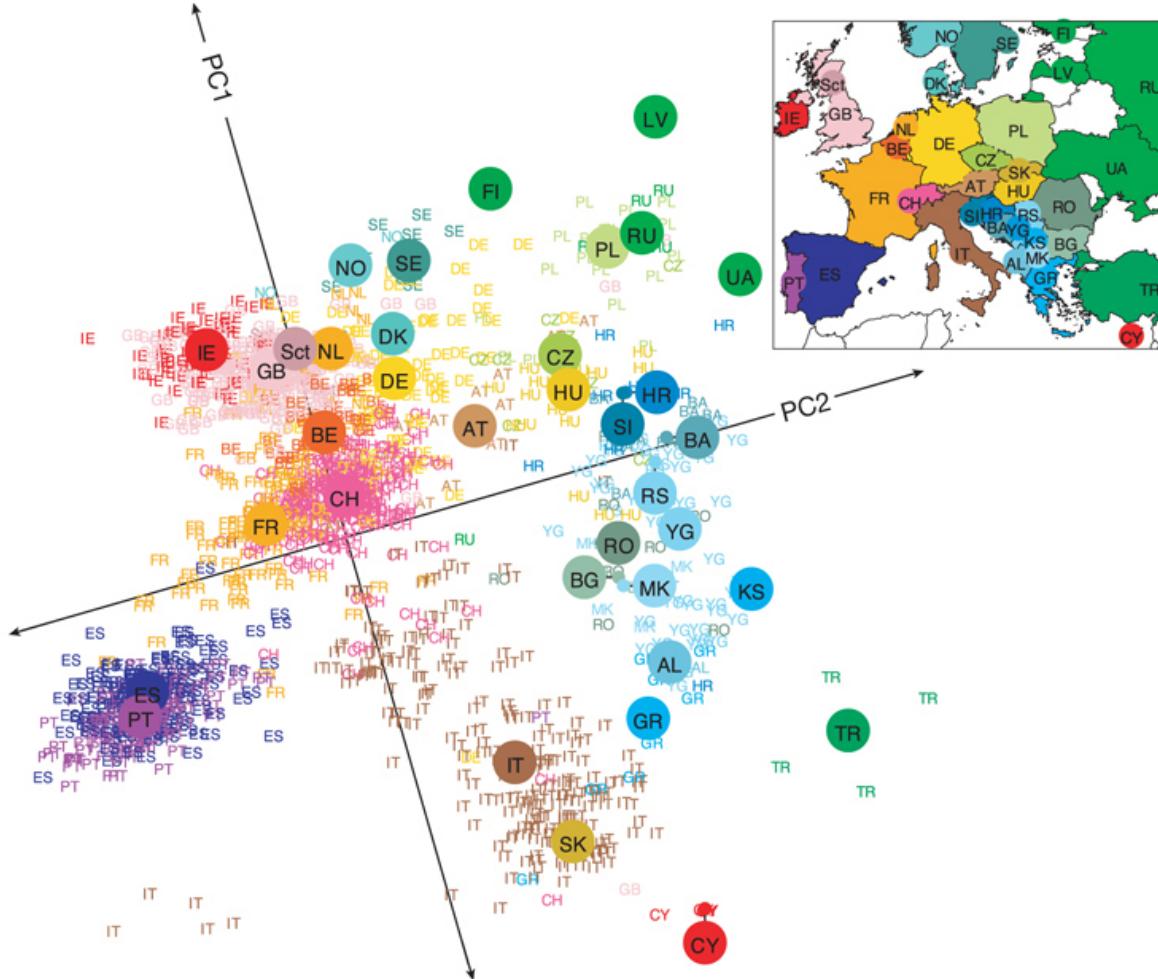






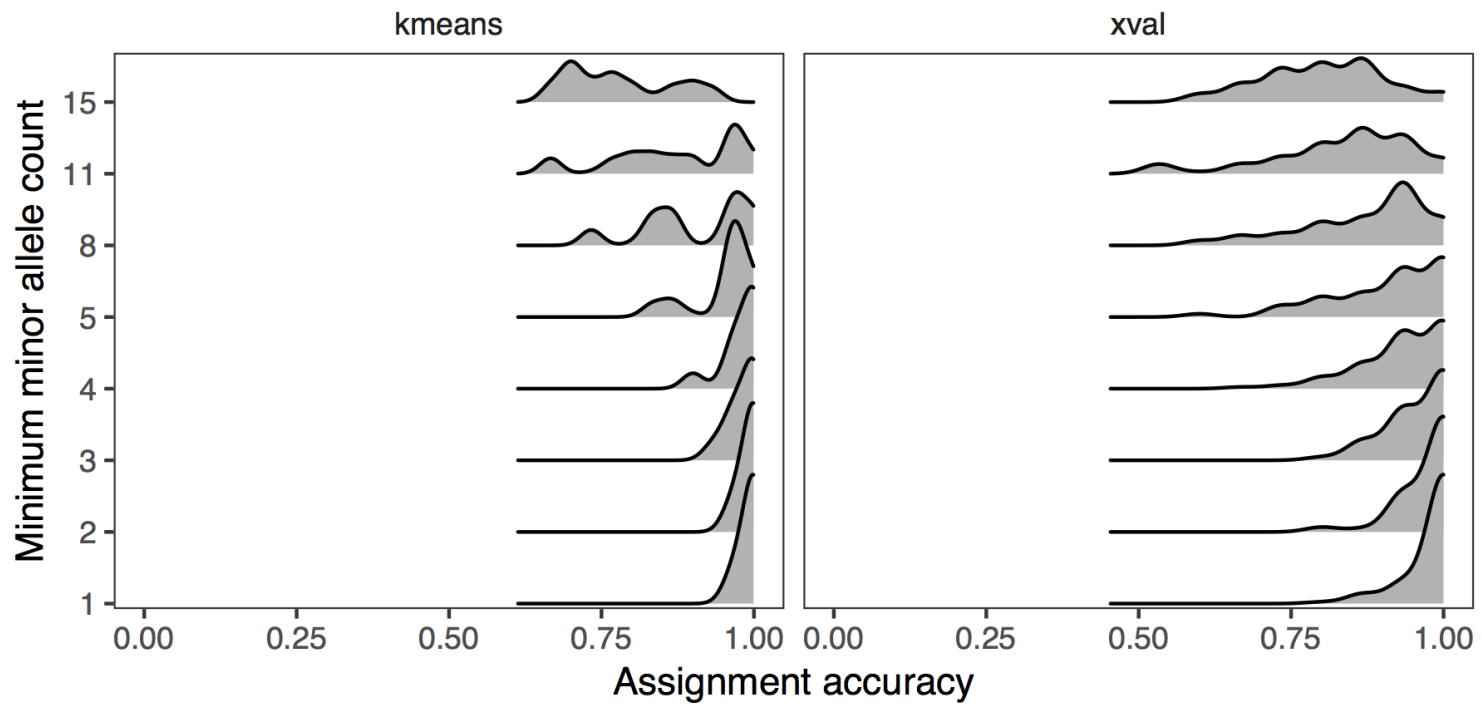




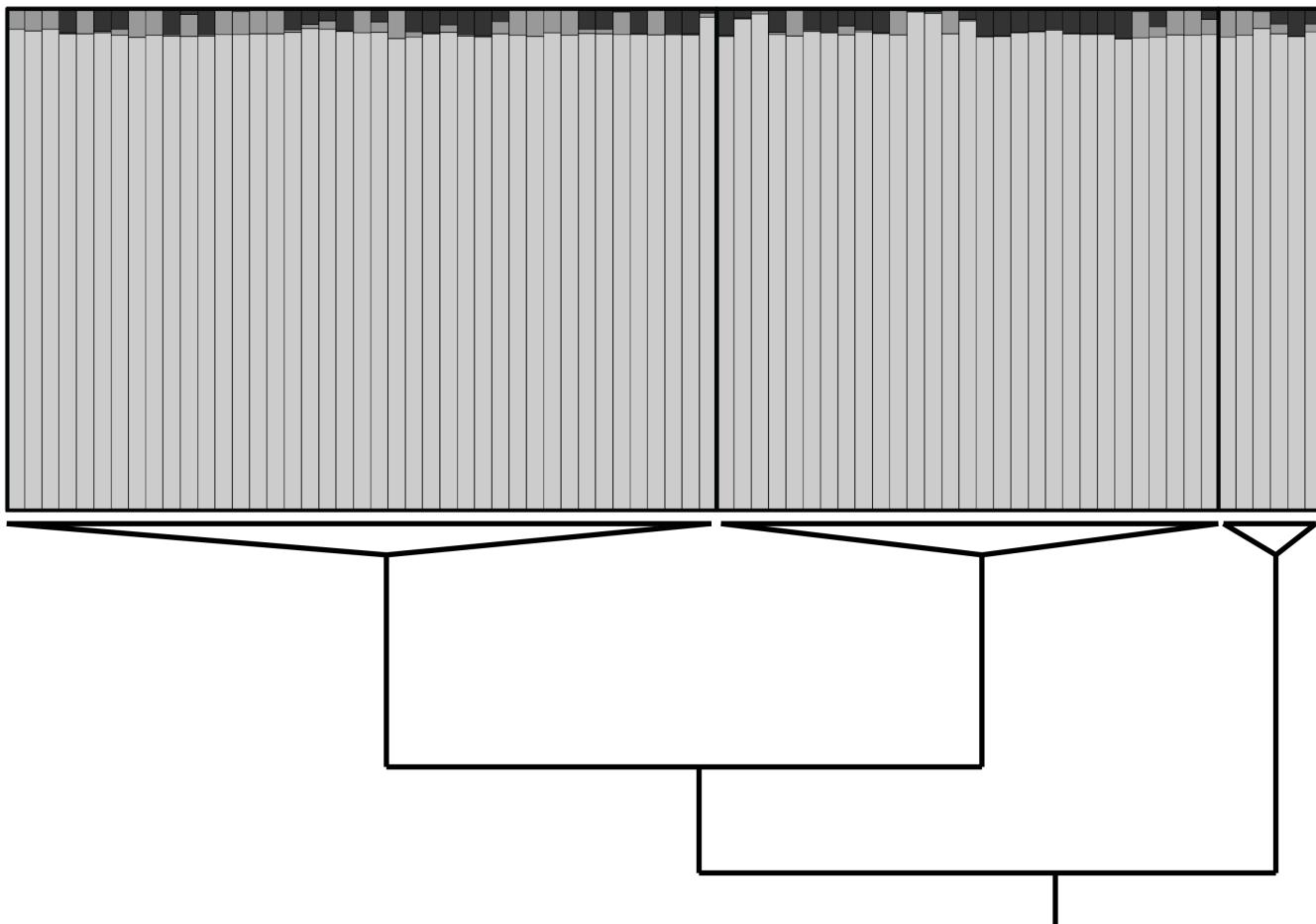


(November et al. 2008)



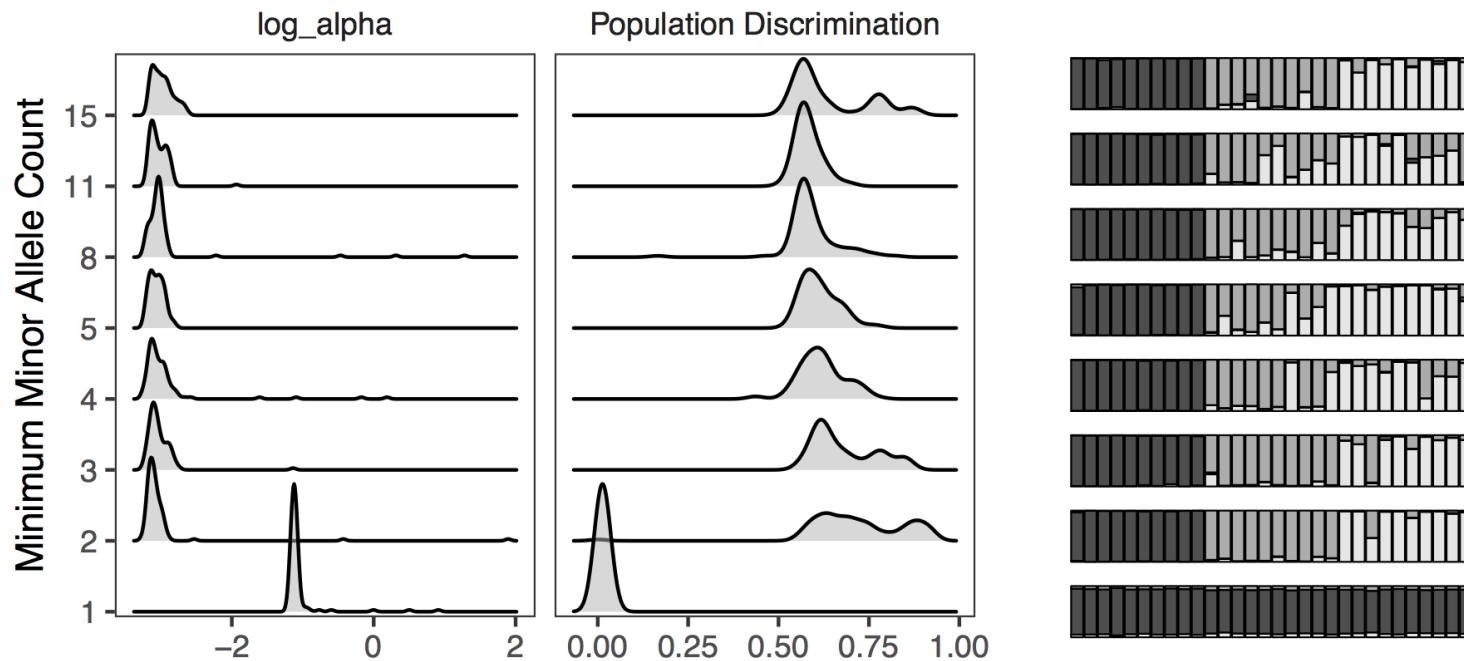




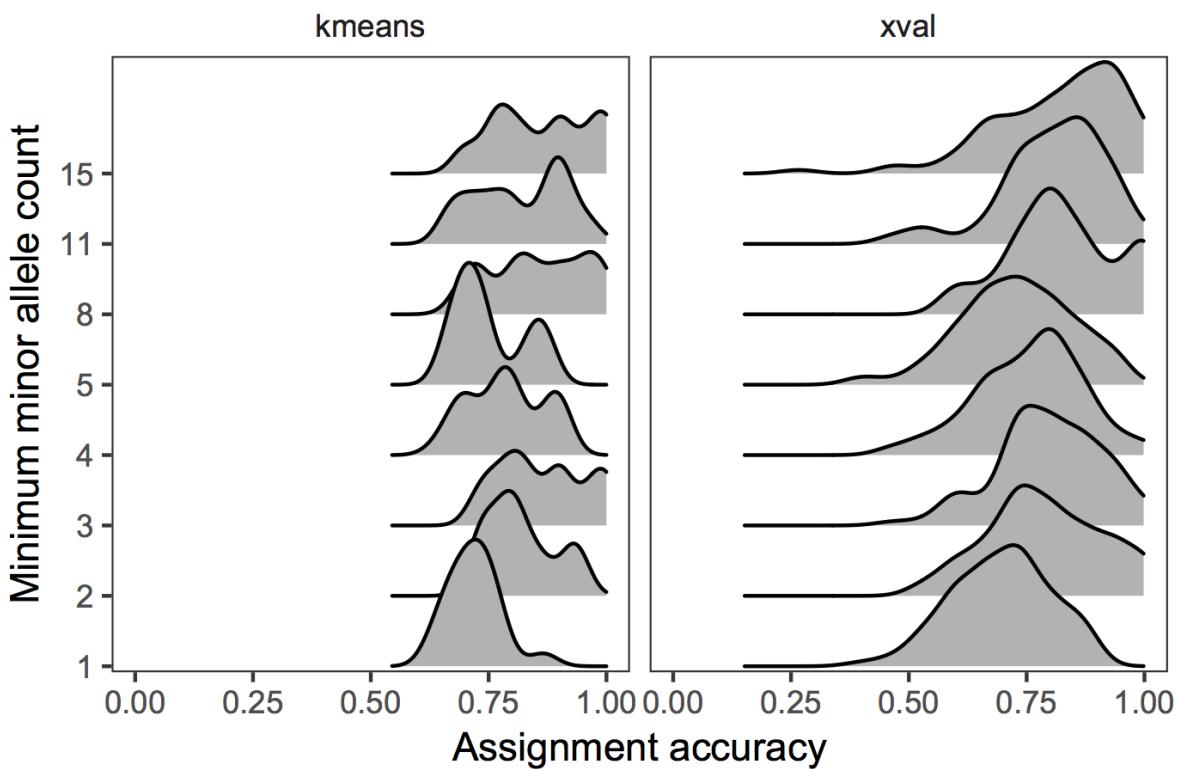


(adapted, Mason and Taylor 2015)











*structure* breaks with singletons

***structure* breaks with singletons**

**models are simple, popgen is complex**



