



data

present

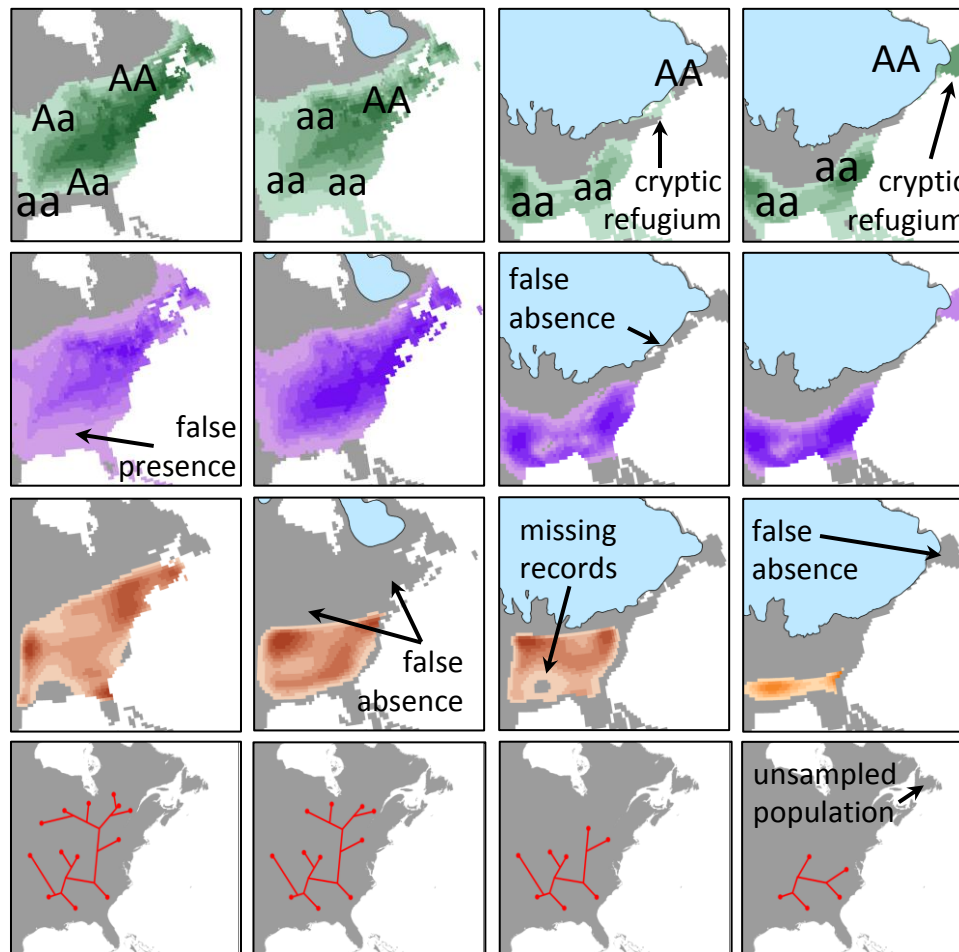
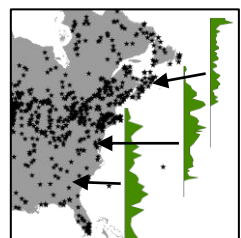
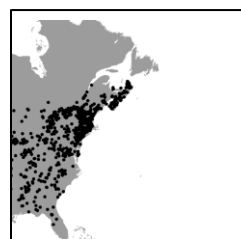
past

actual

occurrences

pollen

genetics



high  
low  
abundance

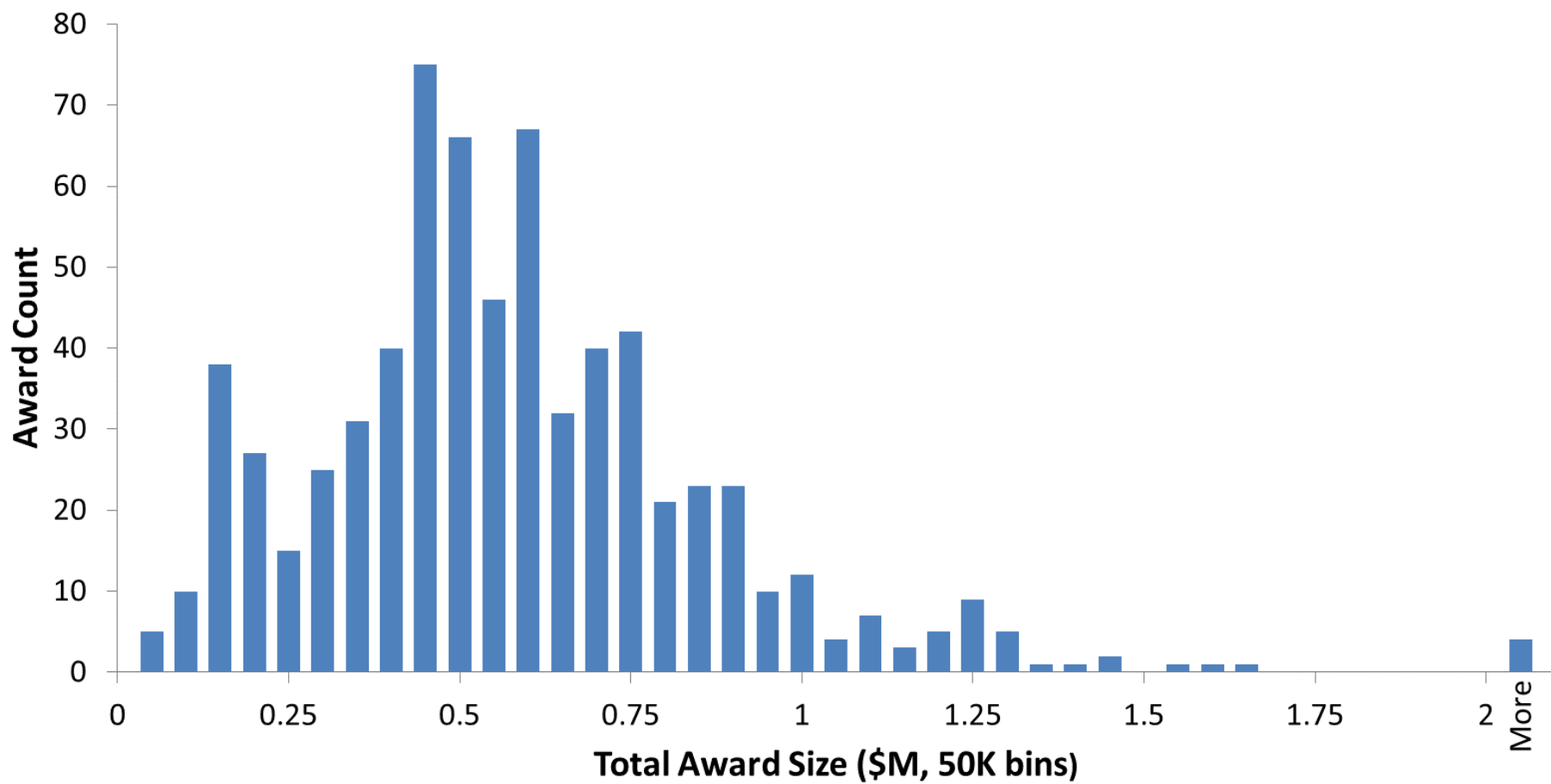
high  
low  
suitability

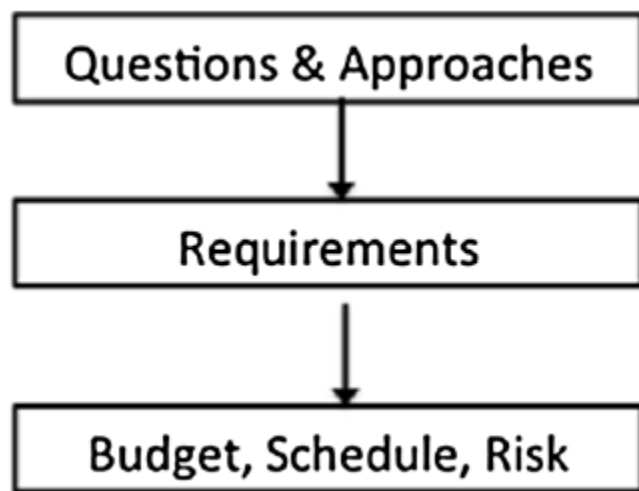
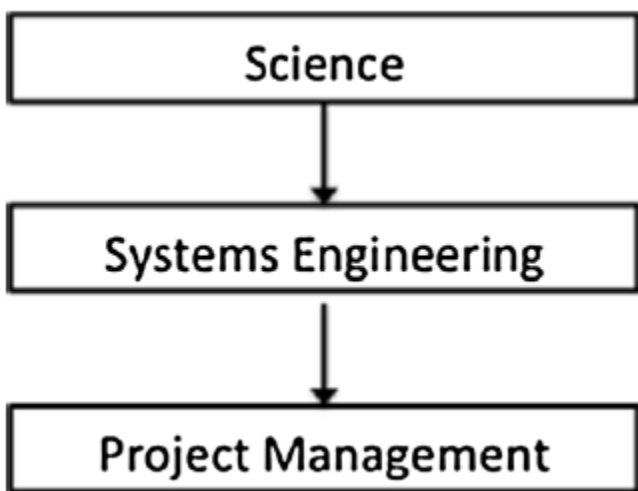
high  
low  
vegetation

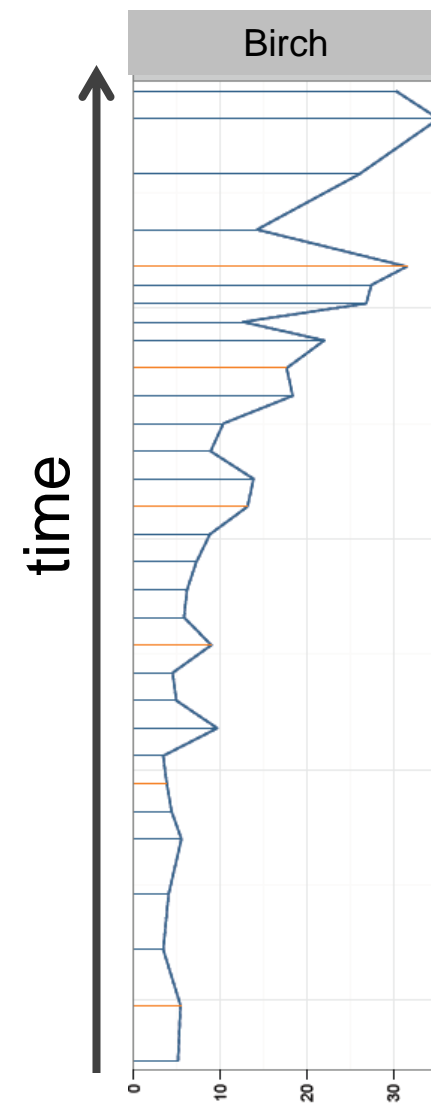
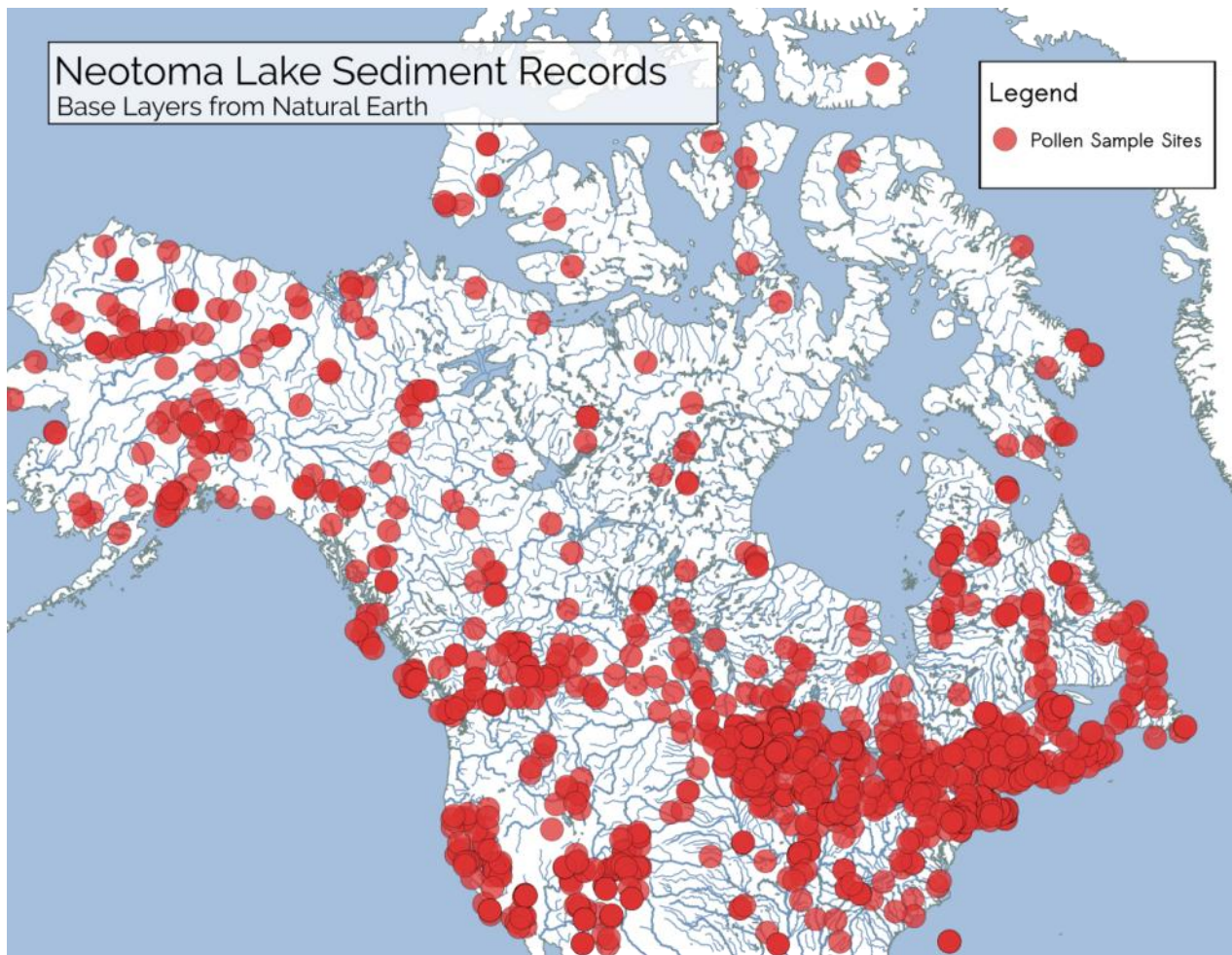
Aa  
Aa  
aa  
genotypes

gene tree

glaciers







$$P(\text{data}|\text{model})$$

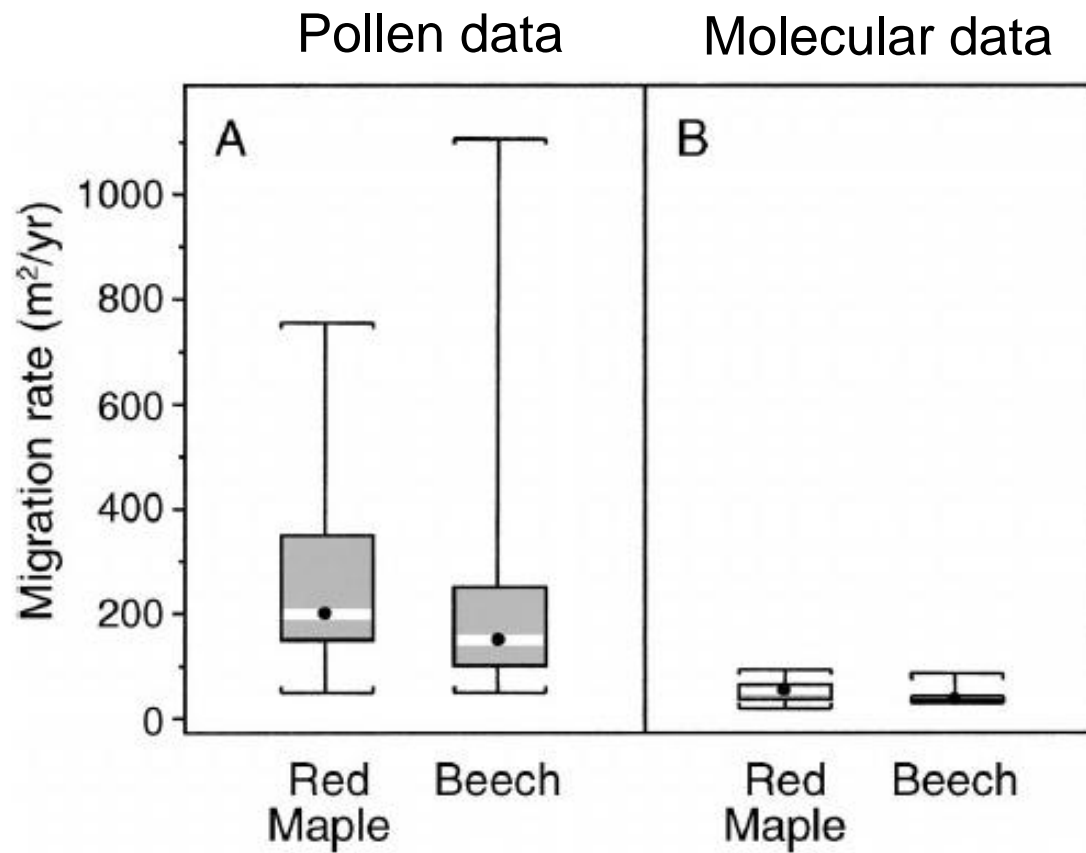


Ronald Fisher

$$P(\text{model}|\text{data})$$



Thomas Bayes

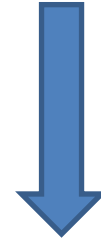


**SCIENCE**



**DISRUPTION**

**SCIENCE**



**DEVELOPMENT**