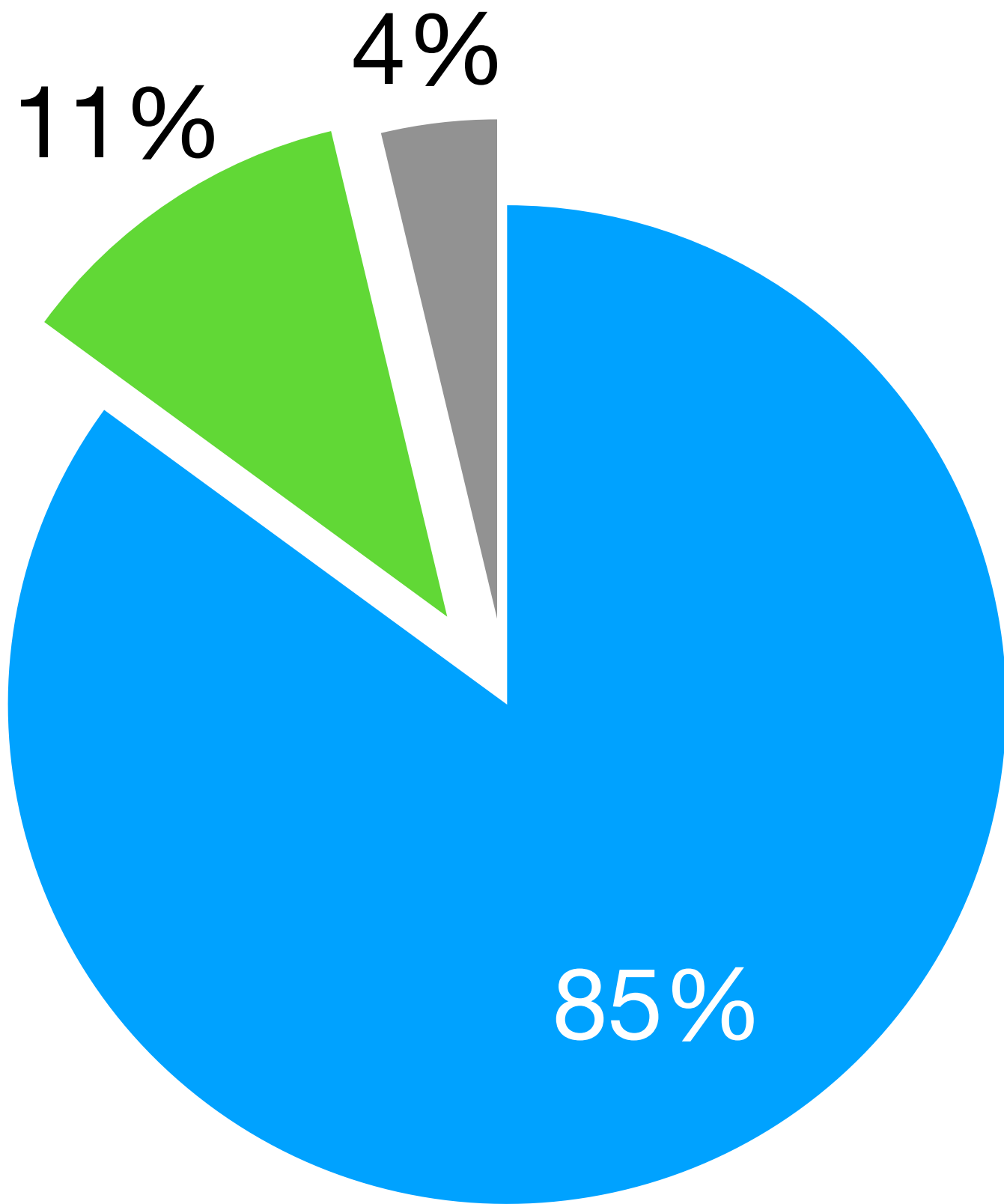


Relative Likelihood Ratio

Of all sites **not excluded, what is the relative likelihood of assignment?**

$$\lambda_{Pop-X} = \frac{E[Multiocus|Pop - X]}{\sum_{i=1}^K E[Multioucs|Pop - i]}$$

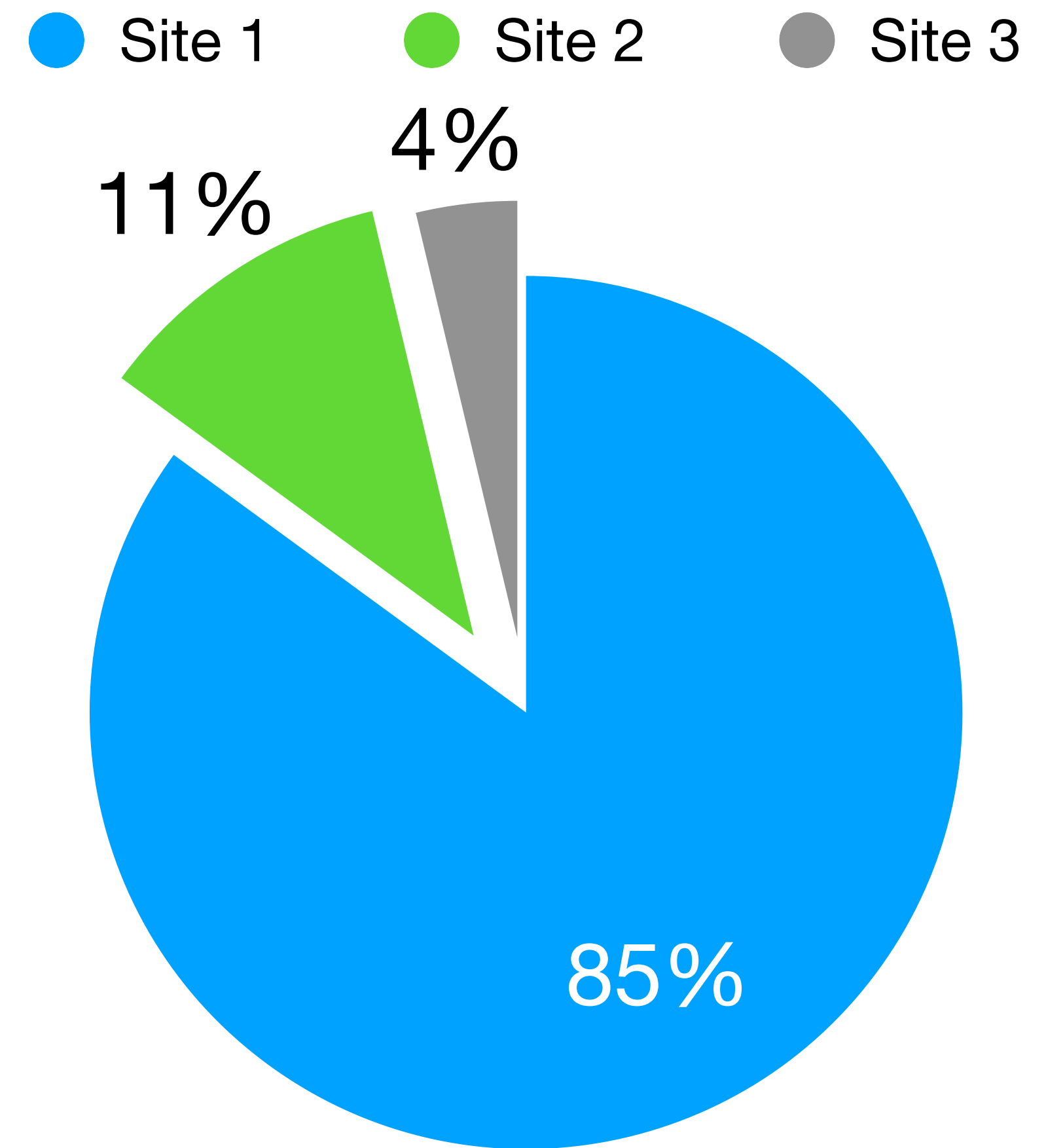
● Site 1 ● Site 2 ● Site 3



Relative Likelihood Ratio

Of all sites **not excluded**, what is the relative likelihood of assignment?

$$\lambda_{Pop-X} = \frac{E[Multiocus|Pop - X]}{\sum_{i=1}^K E[Multioucs|Pop - i]}$$



Site/ID/Tag

GA-DSC/1659/6

▼

The following specifics relate to this particular individual.

Parameter	Value
ID	1659
Locale	DaltonStateCollegeGA
Tag	6
# Loci	915
Individual Heterozygosity	0.125
- 1st Q: 0.097	
- Median: 0.108	
- 3rd Q: 0.121	

Individual sampling locales were collapsed in to hydrologic unit categories (HUCs) to increase sample sizes an refine statistical significances. The value indicted in **L[HUC]** is the *posterior likelihood* of assignment to that partition given the set of potential partitions where the sample could genetically have originated.

HUC8		HUC6		HUC4	
Partition	L[HUC8]	Partition	L[HUC6]	Partition	L[HUC4]
Little Calumet-Galien	1	Southwestern Lake Michigan	1.00e+00	Southwestern Lake Michigan	1.00e+00
		Mid Atlantic Coastal	1.01e-08	Delaware-Mid Atlantic Coastal	1.11e-08