

Approaches

Two methodological approaches seek to determine if individual loci (or genomic regions are):

- Outliers: Structure deviates significantly from background genetic structure.
- Environmental Correlates: Frequency covaries with **AT**-site ecological/environmental conditions.

Caveat

Just because you find a genomic element that deviates from the rest or is correlated with some external features **DOES NOT MEAN** that selection is the cause.

- Experimental and/or functional evaluation are required.