

# Genetic Structure

# F-Statistics

$$F_{IS} = 1 - \frac{H_O}{H_E}$$

Heterozygosity of the individual relative to that expected for a subpopulation of individuals.

$$F_{ST} = 1 - \frac{H_S}{H_T}$$

Average heterozygosity across populations relative to what is expected if all populations were a single panmictic unit.