Phenotypic Variance

- Can be partitioned into within and among components, creating an F_{ST}-like parameter if we collect family-level data.

$$Q_{ST} = \frac{\sigma^2_{population}}{\sigma^2_{population} + 8\sigma^2_{family}}$$

Why we care

- Landscape genomic questions have foundations in understanding components of heritability.

- Heritable phenotypic traits are the raw material on which natural selection works, and thus what adaptation is build on.