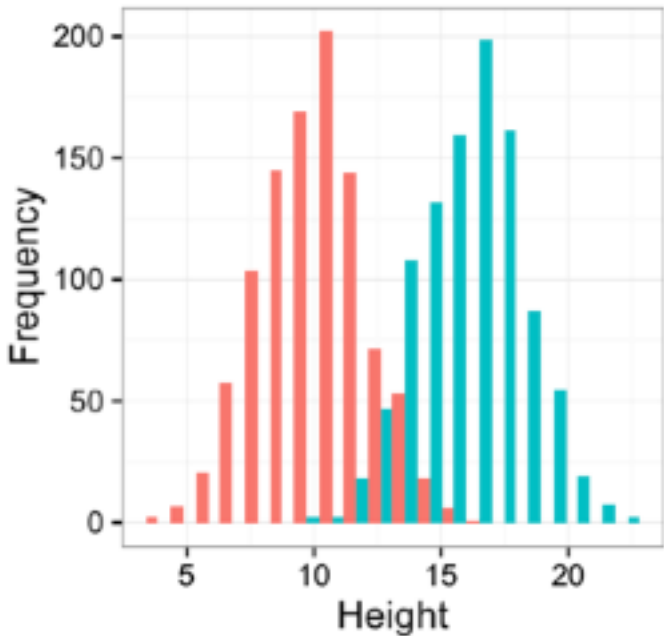


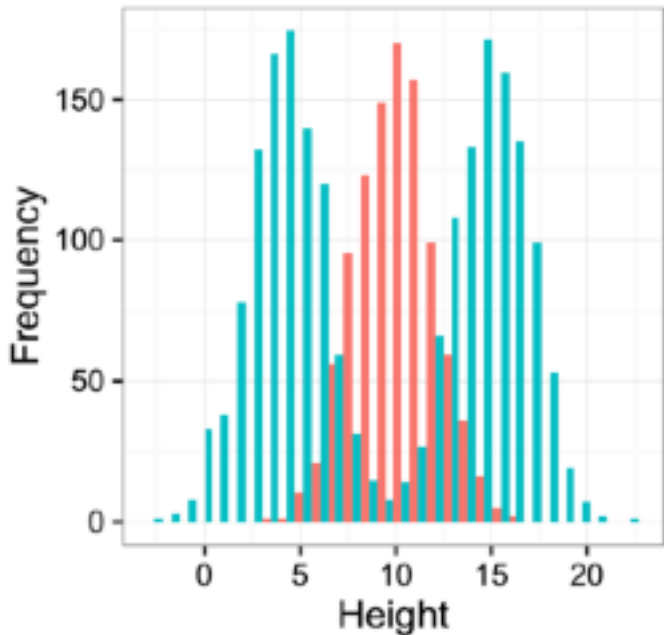
Types of Selection



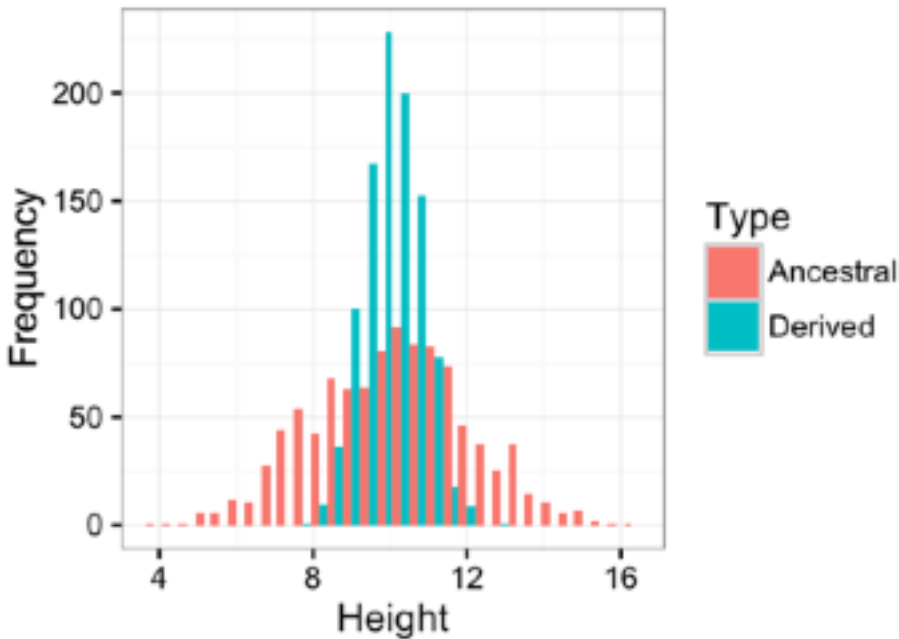
Directional



Diversifying



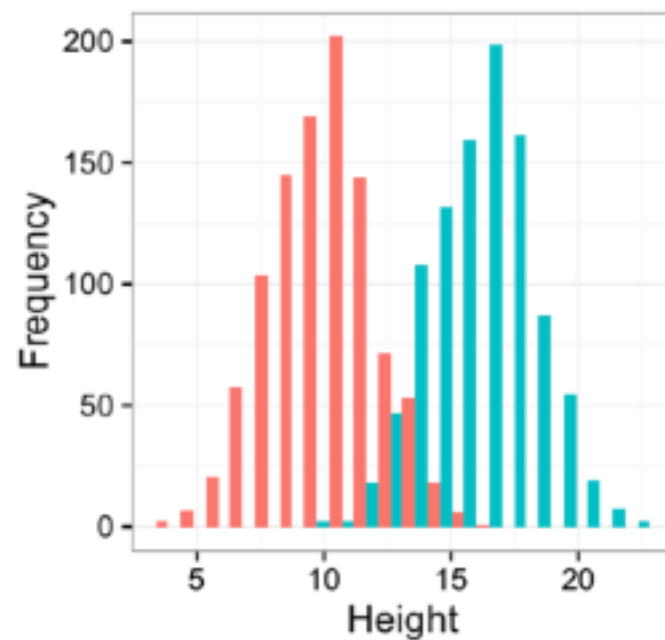
Stabilizing



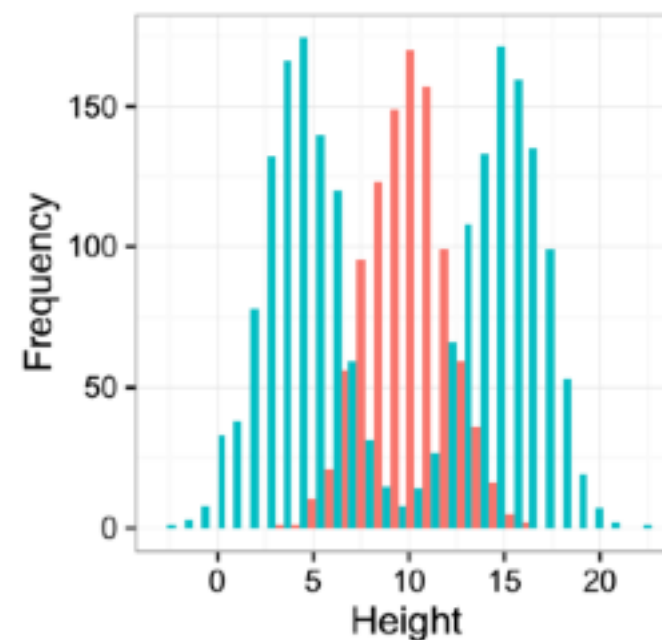
Types of Selection



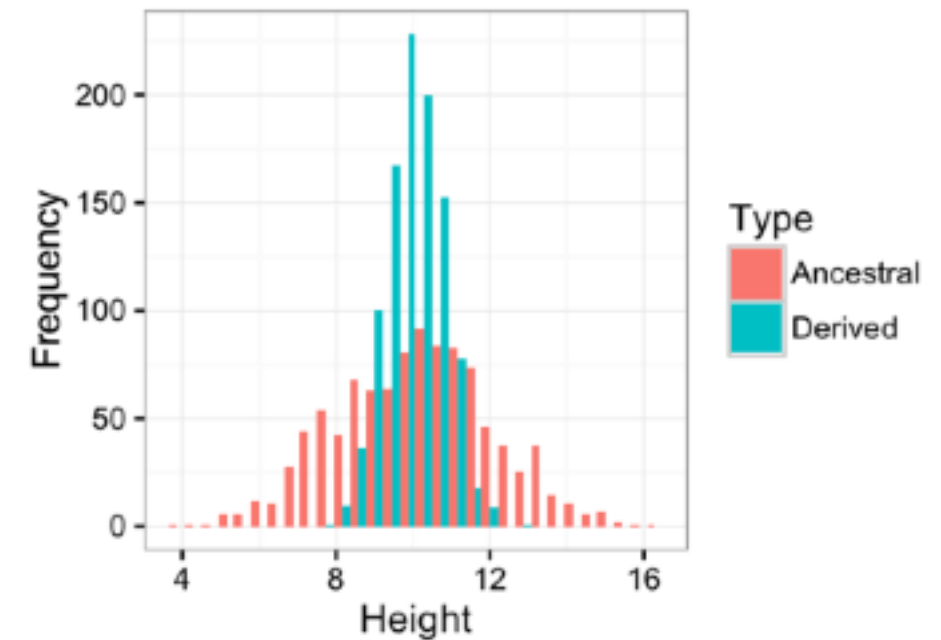
Directional



Diversifying



Stabilizing



Fundamental Theorem of Natural Selection

Amount of Genetic Variance

Fitness Differentials

Rate of Change in Allele Frequencies

Population-Level Standing Fitness

$$\delta p = \frac{pq[q(w_{aa} - w_{Aa}) - p(w_{AA} - w_{Aa})]}{\bar{w}}$$

The diagram illustrates the Fundamental Theorem of Natural Selection equation. The equation is $\delta p = \frac{pq[q(w_{aa} - w_{Aa}) - p(w_{AA} - w_{Aa})]}{\bar{w}}$. Annotations include: 'Amount of Genetic Variance' pointing to the pq term; 'Fitness Differentials' pointing to the numerator's terms $q(w_{aa} - w_{Aa})$ and $p(w_{AA} - w_{Aa})$; 'Rate of Change in Allele Frequencies' pointing to δp ; and 'Population-Level Standing Fitness' pointing to \bar{w} .