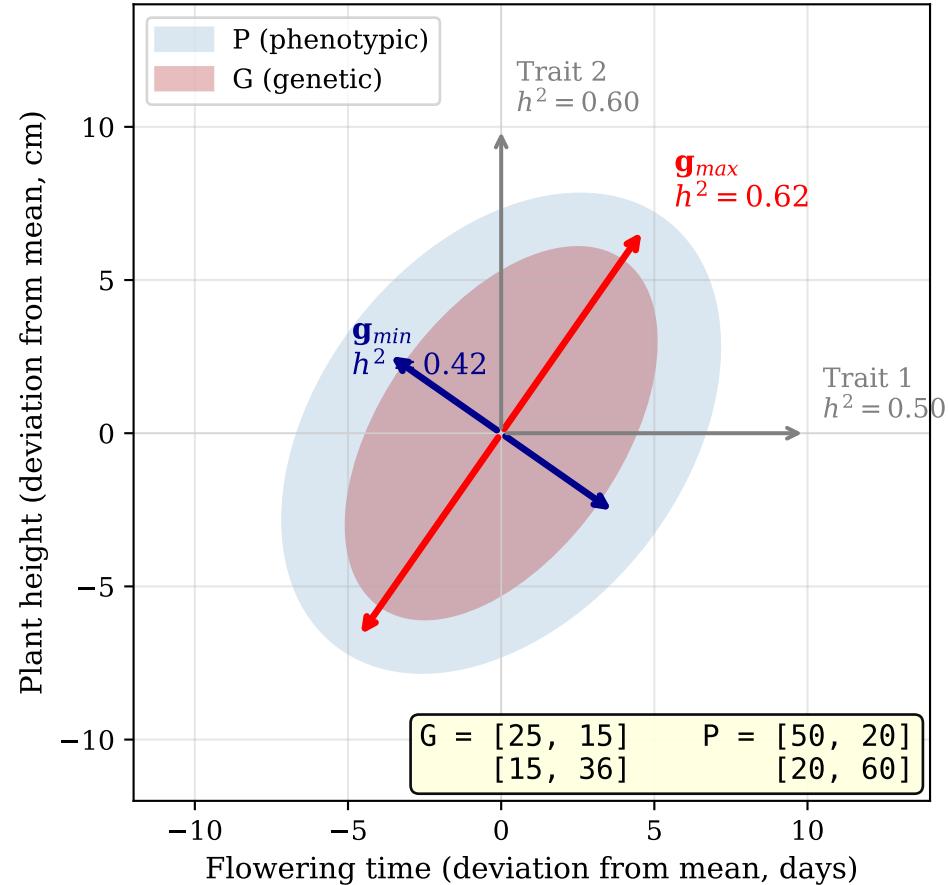


Chapter 12 Example 1: Two-Trait G Matrix Analysis

The G ellipse (genetic) sits inside the P ellipse (phenotypic); their ratio varies by direction.

(a) Genetic (G) and Phenotypic (P) Covariance Ellipses with Eigenvector Directions



(b) Directional Heritability $h^2(\beta)$
Varies from 0.42 to 0.62 depending on direction

