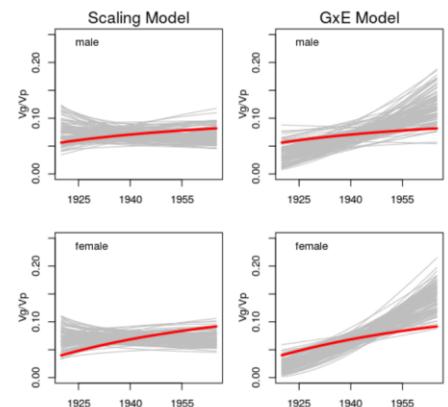
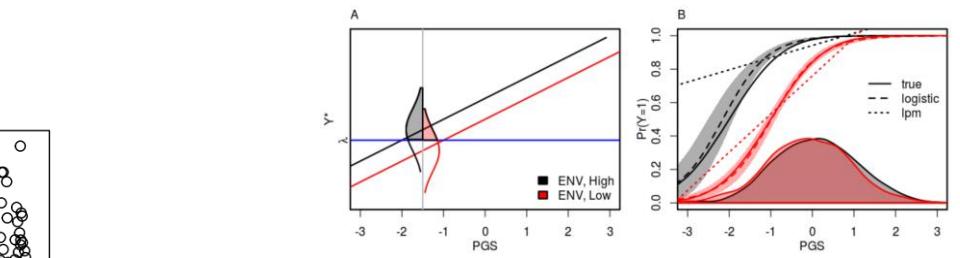
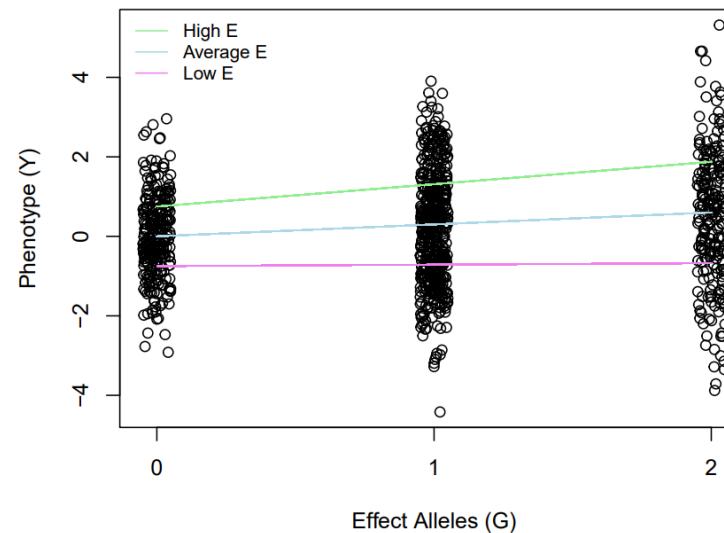
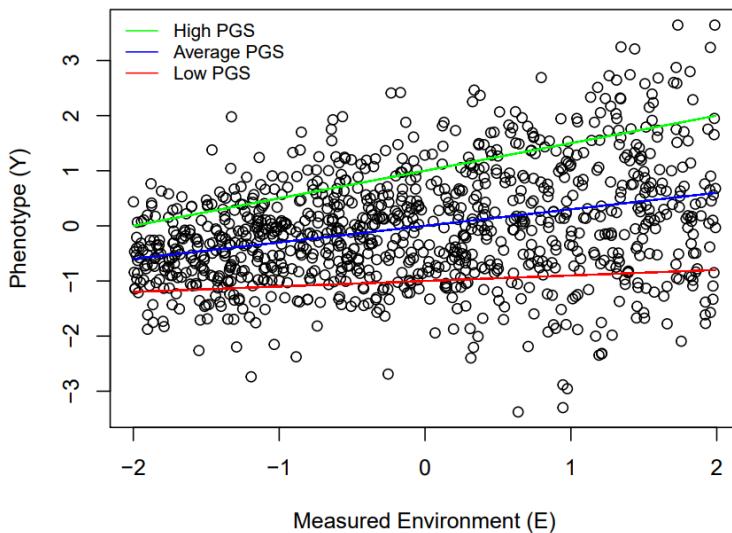


# Gene-Environment Interactions: Challenges and Recent Developments



By Sam Trejo



Classic:

$$Y_i = \beta_0 + \beta_1 G_i + \beta_2 E_i + \beta_3 (G_i * E_i) + \lambda_0 \epsilon_i$$

Heteroscedastic:

$$Y_i = \beta_0 + \beta_1 G_i + \beta_2 E_i + \beta_3 (G_i * E_i) + \lambda_0 \epsilon_i + \lambda_0 (\epsilon_i * E_i)$$

