$$\text{hysteranthy}_{(0,1)} \sim \beta_1 X_{pol} + \beta_2 X_{height} + \beta_3 X_{tol} + \beta_4 X_{phen} + \beta_5 X_{seed} + E$$

$$\text{Event Day}_{(experimental)} \sim \beta_1(photoperiod : phase) + \beta_2(chill : phase) + \beta_3(force : phase) + E$$