# Is adaptation in the nuclear genome contingent on the population history?
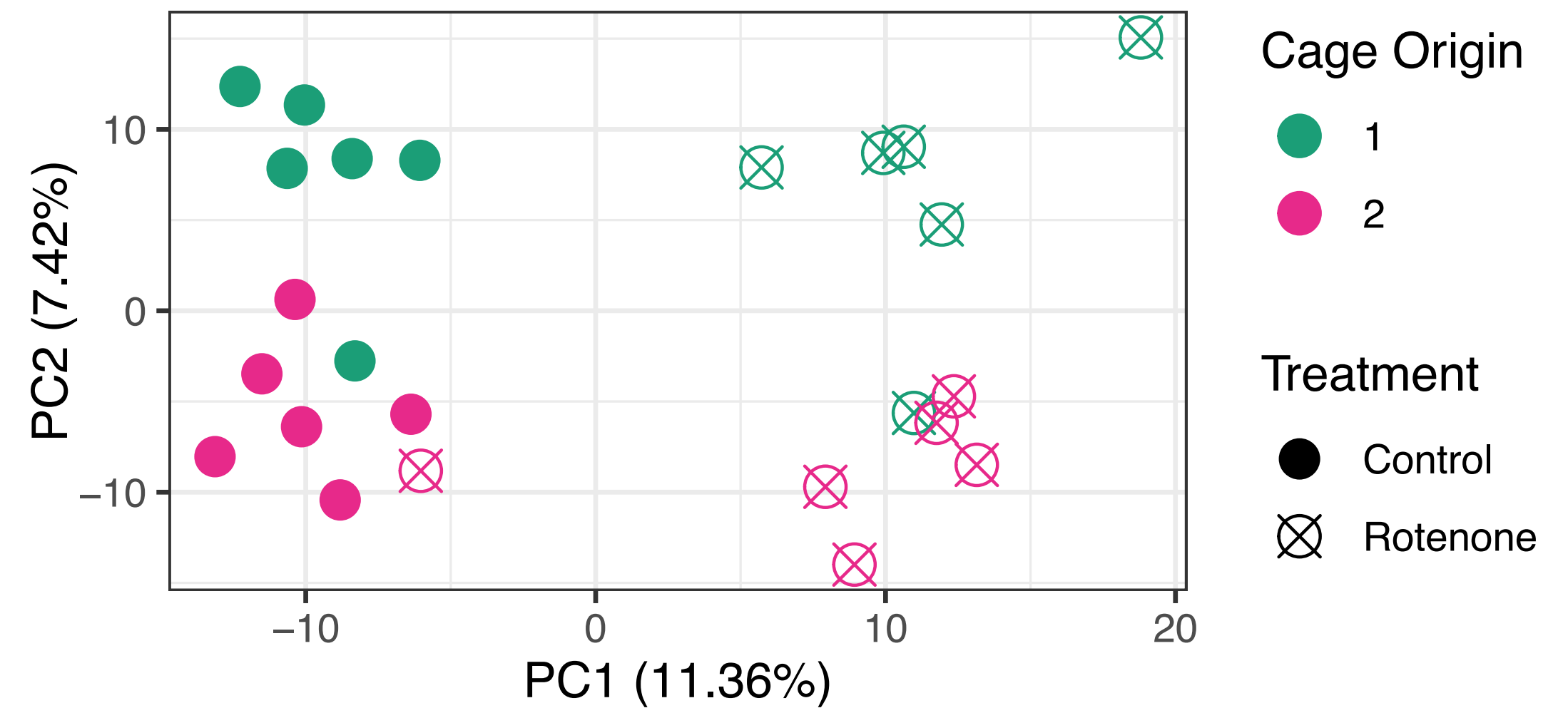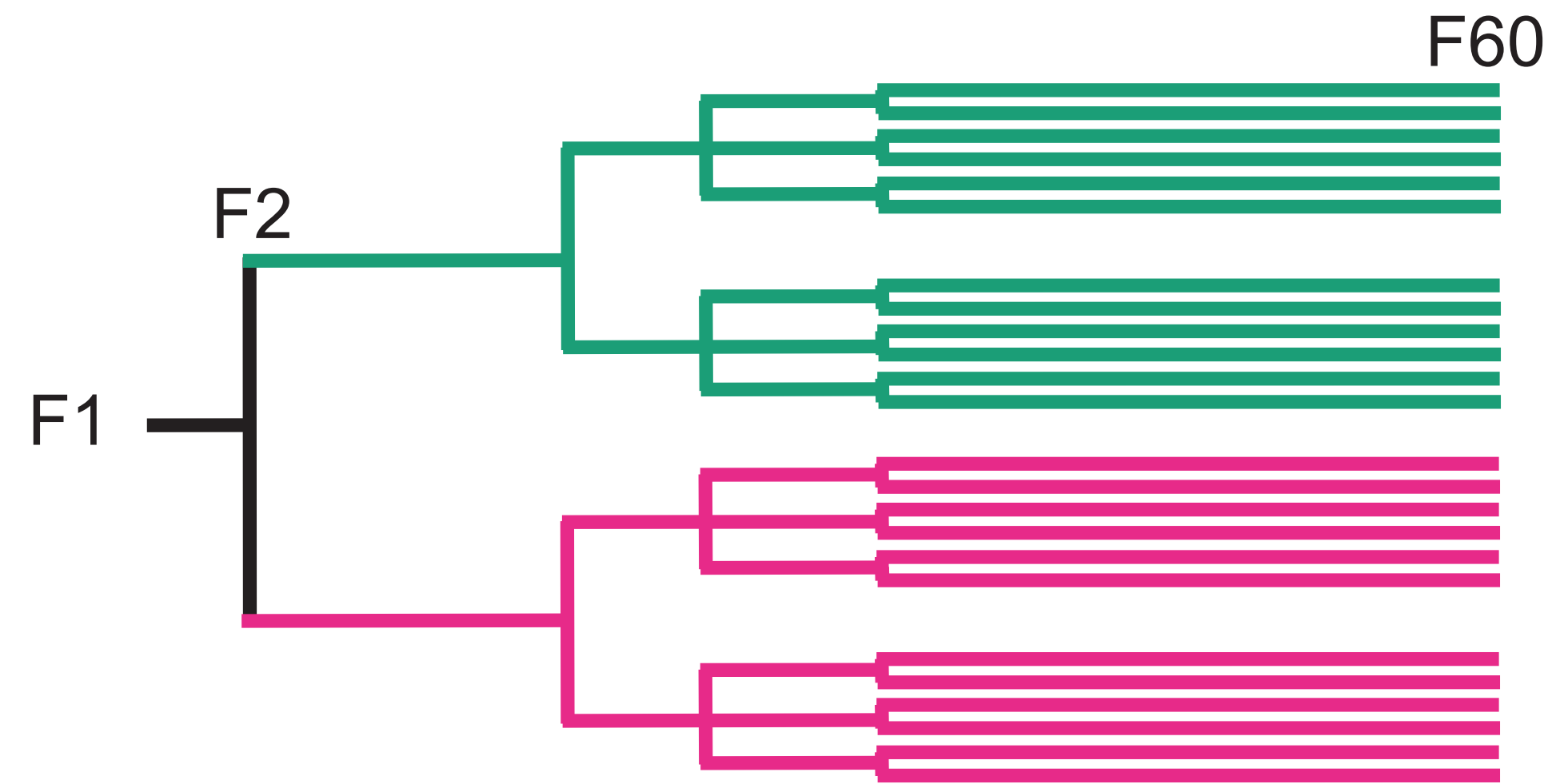
$$SNP_i = \beta_0 + \beta_1\text{Time} + \beta_2\text{Treatment} + \beta_3\text{Replicate} + \beta_4\text{Time} \times \text{Treatment}$$

# Populations show both parallel **and** contingent response to selection

$$SNP_i = \beta_0 + \beta_1 \text{Time} + \beta_2 \text{Treatment} + \beta_3 \text{Replicate} + \beta_4 \text{Time} \times \text{Treatment}$$