

Darnin's 4 Assumptions

Divaviation in traits

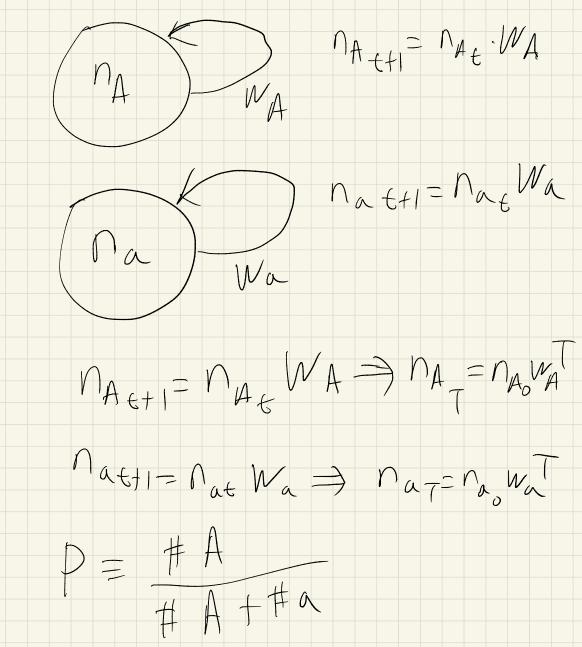
2 trait affects fitness

3 Heritability

Offspring are Similar

to parents

(7) Not enough resources for all offspring



$$P_{t+1} = P_{t} W_{A}$$

$$P_{t} W_{A} + (J - P_{t}) W_{a}$$

$$W = W_{A}$$

$$W_{a}$$

$$V = W_{A}$$

$$V = V_{A}$$

$$P_{t+1} = \frac{P_{t} W}{P_{t} W + C(-P_{t})}$$

$$P_{\delta} = P_{\delta} W + C(-P_{t})$$

$$P_{1} = \frac{P_{\delta} W}{P_{\delta} W + (1-P_{\delta})}$$

$$P_{2} = \frac{P_{1} W}{P_{1} W + (1-P_{\delta})}$$

$$\frac{P_{0} W}{P_{\delta} W + (1-P_{\delta})} W + \left(\frac{P_{0} W}{P_{\delta} W + (1-P_{\delta})}\right)$$

$$\frac{P_{0} W}{P_{\delta} W + (1-P_{\delta})} W + \left(\frac{P_{0} W}{P_{\delta} W + (1-P_{\delta})}\right)$$

$$\frac{1}{P_0W + (r-P_0)}$$

