P(AB) **Parents** $AA \times AA$ $AA \times AB$ PQ/2AA x BB PR $AB \times AB$ $Q^{2}/2$ AB x BB QR/2BB x BB

 $Q_{t+1} = P_t Q_t + 2P_t R_t + \frac{Q_t^2}{2} + Q_t R_t$

=2pq

 $=2\left(P_t+\frac{Q_t}{2}\right)\left(R_t+\frac{Q_t}{2}\right)$

Parents	P(AB)
AA x AA	
AA x AB	PQ/2
AA x BB	PR
AB x AB	$Q^{2}/2$
AB x BB	QR/2
BB x BB	

$$Q_{t+1} = P_t Q_t + 2P_t R_t + \frac{Q_t^2}{2} + Q_t R_t$$

$$= 2\left(P_t + \frac{Q_t}{2}\right)\left(R_t + \frac{Q_t}{2}\right)$$

$$= 2pq$$

Deviant Consequences