

Parent with  $G_1 G_2$

	Maks	
	$f(G_1) = p$	$f(G_2) = q$
$f(G_2) = 1$	$f(G_1 G_2) = p$	$f(G_2 G_2) = q$
$f(G_1) = 0$		

$$\begin{aligned}\mu_{22} &= f(G_1 G_2) \cdot d + f(G_2 G_2) \cdot (-a) \\ &= p \cdot d - q \cdot a\end{aligned}$$

$$\begin{aligned}BV_{22} &= 2(\mu_{22} - \mu) = [p \cdot d - q \cdot a - \mu] \cdot 2 \\ &= -2p(a + (q - p)d)\end{aligned}$$