

□ Decomposition of the genotypic value

$$V_{11} - BV_{11} = \mu + D_{11}$$

$$V_{12} - BV_{12} = \mu + D_{12}$$

$$V_{22} - BV_{22} = \mu + D_{22}$$

$$\Rightarrow \text{In general: } V_{ij} - BV_{ij} = \mu + D_{ij}$$

$$V_{ij} = \mu + BV_{ij} + D_{ij}$$